

NOTICE

There was an attachment named IT_Reference_Guide.pdf submitted with the vendor's submitted response. Purchasing was unable to open this file. As a result, this part of the response will not be considered.

A handwritten signature in black ink, appearing to read 'Guy Nisbet', written in a cursive style.

Guy Nisbet

Assistant Purchasing Director



The following documentation is an electronically-submitted vendor response to an advertised solicitation from the *West Virginia Purchasing Bulletin* within the Vendor Self-Service portal at *wvOASIS.gov*. As part of the State of West Virginia's procurement process, and to maintain the transparency of the bid-opening process, this documentation submitted online is publicly posted by the West Virginia Purchasing Division at *WVPurchasing.gov* with any other vendor responses to this solicitation submitted to the Purchasing Division in hard copy format.

Header 23

List View

- General Information
- Contact
- Default Values
- Discount
- Document Information
- Clarification Request

Procurement Folder: 967276
 Procurement Type: Statewide MA (Open End)
 Vendor ID:
 Legal Name: SHARP ELECTRONICS
 Alias/DBA:
 Total Bid: \$0.00
 Response Date:
 Response Time:
 Responded By User ID:
 First Name:
 Last Name:
 Email:
 Phone:

SO Doc Code: CRFQ
 SO Dept: 0212
 SO Doc ID: SWC2200000008
 Published Date: 1/7/22
 Close Date: 1/18/22
 Close Time: 13:30
 Status: Closed
 Solicitation Description:
 Total of Header Attachments: 23
 Total of All Attachments: 23

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
1	Digital Copiers & Accessories (Purchased)	0.00000	LS	0.000000	0.00

Comm Code	Manufacturer	Specification	Model #
44101501			

Commodity Line Comments:

Extended Description:

PURCHASED: Digital Copiers & Accessories

Note: Vendor shall complete each tab in the Exhibit_A Pricing Pages for bid pricing AND must attach with bid.

If vendor is submitting a bid online via wvOasis. Vendor should enter \$0.00 in the wvOasis commodity line and attach the Exhibit A Pricing Pages

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
3	Digital Copiers & Accessories (Leased)	0.00000	MO	0.000000	0.00

Comm Code	Manufacturer	Specification	Model #
44101501			

Commodity Line Comments:

Extended Description:

LEASED: Digital Copiers & Accessories

Note: Vendor shall complete each tab in the Exhibit_A Pricing Pages for bid pricing AND must attach with bid.

If vendor is submitting a bid online via wvOasis. Vendor should enter \$0.00 in the wvOasis commodity line and attach the Exhibit A Pricing Pages

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
4	Per Click Charge (Inc. Maintenance & Consumables)	0.00000			0.00

Comm Code	Manufacturer	Specification	Model #
44101501			

Commodity Line Comments:

Extended Description:

Per Click Charge - MONOCHROME & COLOR (Includes Maintenance and Consumables)

Note: Vendor shall complete each tab in the Exhibit_A Pricing Pages for bid pricing AND must attach with bid.

If vendor is submitting a bid online via wvOasis. Vendor should enter \$0.00 in the wvOasis commodity line and attach the Exhibit A Pricing Pages

SHARP®

DESKTOP COLOR DOCUMENT SYSTEMS



MX-C303WH MX-C304WH

Sharp Desktop Color Document Systems offer leading-edge integration and powerful productivity, all in a compact design.

A HIGHER BENCHMARK OF INNOVATION

reliable

The Sharp MX-C303WH and MX-C304WH Desktop Color Document Systems deliver crisp, high-quality output with exceptional ease of use. These multifunction printers (MFPs) provide customers with an intuitive user experience and the confidence of knowing their jobs will come out right the first time, every time. Designed with high-performance features typically found on larger machines, the compact MX-C303WH and MX-C304WH deliver the productivity you need with the performance and reliability you want.

Key Features

- **Ease of Use** – Award-winning 7" (diagonally measured) touchscreen display offers a user-friendly graphical interface with simplified Easy Modes, integrated user guides and quick access to network services. With the Sharp MFP Voice feature available for these models, you can interact with the machine with the power of natural language.
- **Productivity** – Offers out-of-the-box copy, print, scan and fax capabilities, plus standard Cloud Connect features combined with wireless networking enables users to easily manage their workflow from PCs, smart phones and tablets.
- **Workplace Friendly** – Integrates seamlessly with today's complex network environments and supports popular cloud services and mobile technologies. And with the Sharp Application Portal administrators can add or update apps right from the MFP.

The compact MX-C303WH and MX-C304WH Desktop Color Document Systems offer a strong set of standard workflow features that are often optional on competitive models, making your decision to purchase Sharp even easier. These new models are also equipped with leading-edge security features that help businesses protect their data and personal information from the first day of operation to the time of trade-in.



DESIGNED TO DELIVER HIGH PRODUCTIVITY



EASY TO USE

SEAMLESS CLOUD INTEGRATION

LEADING-EDGE SECURITY



"PaceSetter Award in
Ease of Use 2018-2019"

A compact design with advanced workflow features to simplify document management in virtually any size office.

- Standard **Print, Copy, Scan, Fax** and **Wireless** capability right out of the box.
- **100-sheet duplexing document feeder** on the MX-C304WH scans both sides of a document in a single pass, enhancing productivity while also maintaining the integrity of your originals.
- Both models can feed **letter** size, **legal** size, **statement** size and **business card** size original documents.
- Offers up to **six paper sources** with available 2,700-sheet maximum paper capacity.
- **Optical Character Recognition** (OCR) function can convert scanned documents to text-searchable PDF format, Microsoft® Office file formats, and more (standard on MX-C304WH, optional on MX-C303WH).
- Compact PDF feature dramatically reduces the file size of most color scanned documents, resulting in **decreased network traffic** and more efficient use of disk and cloud storage (standard on MX-C304WH, optional on MX-C303WH).



- Award winning 7" (diagonally measured) **customizable touchscreen display** with a clean design enables easy access to features and functions when setting up jobs.
- Network ready **PCL® 6** and **Adobe® Postscript® 3™** printing systems deliver crisp, clear documents at up to 30 pages per minute.
- **Direct print** Microsoft Word, PowerPoint® and Excel® files from thumb drives, cloud applications, network folders and more. This function is enabled via Qualcomm® DirectOffice™ technology (standard on MX-C304WH, optional on MX-C303WH).
- **Access popular cloud services**, including Microsoft® OneDrive® for Business, SharePoint® Online, Box.com, Google Drive™, Dropbox and more with the Sharp Cloud Connect feature (standard on MX-C304WH, optional on MX-C303WH).
- **Supports popular mobile technologies**, enabling users to easily print files from smart phones, tablets and notebook computers.
- Multi-layered, **leading-edge security features** provide enhanced protection and help businesses stay one step ahead of hackers and malicious network intruders. An End-of-Lease feature can erase all data and personal information at time of trade-in.



ADVANCED FUNCTIONALITY – COMPACT DESIGN



Easy Mode Copy Screen.



Standard Copy Screen offers more advanced features.



Both models offer up to six paper sources for a maximum 2,700-sheet capacity (shown with optional trays).

From paper handling to networking, the MX-C303WH and MX-C304WH Desktop Color Document Systems will exceed your expectations.

Simple and Intuitive Operation with Impressive Performance

When it's time to get the job done, the MX-C303WH/C304WH are outstanding performers. Quickly scan documents at speeds up to **110 images per minute** (MX-C304WH)/ 40 images per minute (MX-C303WH). From basic copy functions to complex scan jobs, these Desktop Color Document Systems will perform with ease and efficiency. Use one of the **Easy Modes** (Copy, Scan or Fax) for fast, simple operation, with basic functions displayed in **large, clearly-labeled tiles** and keys. For more advanced features, simply touch the "Details" key.

A "Well Connected" Device

Connecting a multifunction printer (MFP) to your wireless network and accessing it from mobile devices has never been so easy with the MX-C303WH/C304WH standard wireless networking features. Print or scan to popular cloud services such as Microsoft OneDrive for Business, SharePoint Online, Box.com, Dropbox and Google Drive with **Sharp Cloud Connect**. **Single Sign-on (SSO)** support makes scan-to-folder and scan-to-email operations simpler than ever. Even printing from your desktop is made easier with the **Sharp Serverless Print Release** function. Easily send a job to one device, and print it on another where it's more convenient.

Experience Hands-free, Voice-first Interaction with Amazon Alexa

Sharp has always been known for enhancing MFP productivity in the workplace by offering innovative, easy-to-use features. Sharp has done it again with the **MFP Voice feature** available for color document systems. With the Sharp MFP Voice feature, you can interact with the machine just by using the power of natural language. With simple voice commands, you can ask the Sharp MFP to make copies or scan a document.



"Alexa, ask Sharp Copier to scan to me."



MX-C304WH shown with available Sharp MFP Voice feature with Alexa.

VERSATILE DESKTOP DOCUMENT SYSTEMS

The MX-C303WH/C304WH Desktop Color Document Systems deliver the high-performance functionality you need in a space-saving, compact design that you want.

workflow centric

Duplexing Single Pass Feeder (DSPF)

Standard 100-sheet dual head document feeder on MX-C304WH scans both sides of document in a single pass at up to 110 images per minute.

Flexible Document Handling

Both models can feed letter size, legal size, statement size and business card size original documents.

Easy-to-Use Smart Touchscreen

Award winning, tablet-style menu provides quick access to features and functions.

High Quality Printing

True 600 x 600 dpi resolution produces razor-sharp documents. Adobe PostScript 3 drivers offer extensive job control.

Reversing Single Pass Feeder (RSPF)

Standard 50-sheet Reversing Single Pass Feeder on MX-C303WH scans documents at up to 40 images per minute.

Advanced Network Scanning

The Sharp ImageSEND™ feature provides one-touch distribution to email, fax, network folders, cloud applications and more.

Optical Character Recognition (OCR)

Built-in OCR function converts scanned documents to text-searchable PDF format, Microsoft Office file formats, and more (optional on MX-C303WH).

Serverless Print Release

Standard Serverless Print Release feature enables users to securely print a job, and then release it from up to six Sharp document systems (including host) that are on the same network.¹

Flexible Paper Handling

Optional paper drawers feed up to 8½" x 14" paper and support media up to 220 gsm (80 lb. Cover). Supports up to 2,700 sheets in paper drawers and bypass tray with options.

Print from Mobile Devices

Supports popular networking technologies, enabling users to easily print files from smart phones, tablets, and even Chromebooks.

Multi-layered Security Features

Leading-edge security features provide enhanced protection of data and personal information and helps protect against network intrusions.

50-Sheet Manual Bypass Tray

Convenient manual bypass tray feeds envelopes, OHP film, glossy paper and labels, as well as paper up to 80 lb. Cover stock.

Hands-free Operation

The available MFP Voice feature enables users to control the device using simple verbal commands with Alexa.

Easily Access Popular Cloud Applications

With the available Cloud Connect feature, users gain access to Microsoft OneDrive, Google Drive, Dropbox and more. The Sharp Application Portal will make it easy for administrators to add or update apps right from the MFP.

Wired and Wireless Networking

Standard Gigabit Ethernet and Wi-Fi® network capabilities offer greater flexibility.²



¹ Supports most Sharp document systems. For a list of supported models contact your authorized Sharp dealer.

² In Infrastructure Mode, the wireless interface is used in place of a wired connection. In Point-to-Point mode, the wireless interface can be used to connect directly to the MFP from another wireless device, such as a smartphone or tablet.



ENHANCED COLLABORATION FOR STREAMLINED WORKFLOWS

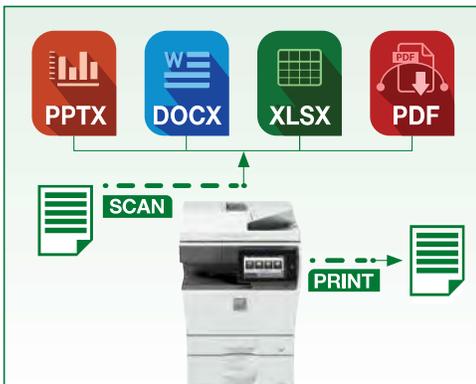
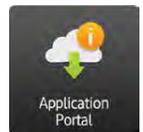


Distribute, access and print documents more easily.

Powerful document workflow solutions help you work more efficiently.

Distribute, Access and Print Your Documents with Ease

Sharp makes it easy to go beyond traditional network scanning with standard **Email Connect** and **Cloud Connect** features. With Email Connect, scan to email is seamlessly integrated with Microsoft Exchange/Office 365® and Gmail™ user accounts, making it easy to identify the sender of scanned files. With Cloud Connect, users can easily scan-to and print-from **Microsoft OneDrive for Business, SharePoint Online, Google Drive, Box and Dropbox** (standard on MX-C304WH, optional on MX-C303WH). And with the Sharp Application Portal, administrators will be able to easily add new apps and update existing apps right from the MFP touchscreen panel.



Scan and convert documents to popular file formats seamlessly with the Sharp built-in OCR function ².

Scan and Print Files Easily from Mobile Devices

The MX-C303WH/C304WH desktop color document systems also make it easy to scan and print files from tablets and smart phones using **Sharpdesk® Mobile**, a free downloadable app available for most common mobile devices.¹ The MX-C303WH/C304WH also support popular mobile technologies such as **AirPrint®, Android™ printing framework and more**. With standard wireless networking, users can also print directly to the MFP from mobile devices without interfering with the network!

Simplify Managing Different File Types with Intelligent Image Processing

Easily scan and convert documents to popular file formats including Microsoft Word, PowerPoint, and Excel, as well as a variety of PDF formats such as Searchable PDF, Encrypted PDF, Compact PDF and others. You can also direct print these same file types from thumb drives, cloud applications and mobile devices. This function is enabled via Qualcomm DirectOffice technology. These models also support the **Adobe Embedded Print Engine**, which direct prints PDF files with greater accuracy and performance.

Flexible Printing Solutions Help Speed Up Your Office Productivity

Standard Adobe **PostScript 3** and **PCL 6** printing systems help you speed through all of your output needs with accuracy. **Serverless Print Release** technology, enables users to securely print a job and release it from up to six Sharp MFP models on your network.²

Simplify Complex Business Workflows

Sharp OSA technology can help your business leverage the power of your network applications, back-end systems and cloud services.² Easily automate complex processes and help eliminate redundant tasks. Create your own custom integrations or take advantage of the growing portfolio of Sharp OSA applications available from Sharp Partner Program members.



With Serverless Print Release you can securely print a job and release it from up to six Sharp MFPs (including host).

¹ Go to www.sharppusa.com for a list of supported devices and operating systems.

² Some features require optional equipment and/or software/services.

TAKING CARE OF BUSINESS SAFELY AND SECURELY

Manage your device, help safeguard your data, help protect your business.

To help protect employees' privacy and intellectual property, Sharp Desktop Color Document Systems are armed with leading-edge, **multi-layered security features**, including **Firmware Attack Prevention and Self Recovery**, which can help identify a malicious intrusion and restore the machine firmware to its original state. The **Whitelisting** feature detects access attempts to the machine file system and denies access if the source data is not on the white list. **Authority Groups** help manage and restrict copying, printing and scanning features to safeguard data and control costs. Administrators can also apply **Active Directory® Group Policy** to the device, which offers centralized configuration and control. **Confidential Printing** helps ensure sensitive documents are kept safe by requiring users to enter a PIN code to print them. These models also support Active Directory user authentication and secure **Single Sign-On**. **Integrated ID card authentication** is also available.* When you are ready to trade the machine in, a convenient **End-of-Lease** feature can erase all data and personal information, as well as print a confirmation report.



These scalable security offerings aim to protect your intellectual property, preserve confidential information and help your business meet regulatory requirements including the Health Insurance Portability and Accountability Act (HIPAA) and the Family Educational Rights and Privacy Act (FERPA). For additional information visit: www.sharpusa.com/security.

**Some features require optional equipment and/or software.*



With **Sharp Remote Device Manager (SRDM)**, administrators can take control of system features and simplify installation and management. SRDM makes it easy to view service logs, click counts, history reports and more. Event-driven service alerts help monitor the device and maximize uptime. The centrally managed **security dashboard** monitors security settings and can automatically reset the security policy if changed locally at the machine. Also, **Centralized Admin Password Management** and **Centralized Power Management** make it easy to deploy changes when needed. The **Remote Front Panel** feature enables administrators to control the machine's LCD panel from a PC to troubleshoot issues and train operators. Sharp also offers both built-in and additional auditing **hardware and software to control**, access and track usage of each device on the network.* And with **My Sharp™**, you get a dedicated training website customized to your model to help you understand all of the features.



ENVIRONMENTAL COMMITMENT



An Environmentally Responsible Approach to Product Design

Sharp is committed to environmental sustainability and corporate responsibility including planning, design, manufacturing, distribution and product end-of-life management. The MX-C303WH and MX-C304WH adhere to the Sharp Green Products Guidelines in pursuit of these commitments. These guidelines include designing products that consume less power, using recycled materials, reducing the amount of material used in products and packaging, and labeling the type of materials used. Sharp also aims to design products that are upgradable, easy to repair, and easy to take apart for recycling.

The MX-C303WH and MX-C304WH document systems are RoHS compliant to restrict the use of hazardous substances. These products also have low TEC values.



Toner Recycling Program

As part of our commitment to help preserve the environment, Sharp offers zero-waste-to-landfill recycling for Sharp consumables at no cost to our customers. This program includes cartridges, bottles, toner collection containers and drum units. Sharp encourages customers to recycle their used Sharp toner cartridges in bulk by providing them with a pre-paid recycling kit for their return to our facility.

Environmental Leadership

Sharp is a multi-year winner of the SmartWay® Excellence Award which recognizes companies for conserving energy and lowering greenhouse gas emissions in logistics and transportation.

For more information about environmental leadership from Sharp including information about energy efficient products, electronics or toner cartridge recycling, please visit www.sharpusa.com/environment.

MX-C303WH/C304WH SPECIFICATIONS

Main Specifications

MX-C303WH/C304WH	Base models include multitasking controller, 50-sheet RSPF (MX-C303WH)/100-sheet DSPF (MX-C304WH), PCL 6 and Adobe PostScript® 3™ printing systems, network scanning, auto duplexing, 1 x 250-sheet paper drawer, 50-sheet bypass tray. Full capacity toners and developers included.
Type	Desktop color multi-function digital document system
Display	7" (diagonally measured) color dot matrix high-resolution touch panel tilting display, 1,024 x 600 dots (W-SVGA)
Functions	Copy, print, network print, network scan, document filing and fax
Copy System	Dry electrostatic transfer/Dual component developer/Magnetic brush development/OPC drums/roller fusing/white LED exposure
Originals	Sheets and bound documents
Max. Original Size	8½" x 14"
Output Size	Min. 5½" x 8½", Max. 8½" x 14"
Copy Size	Min. 5½" x 8½"
Copy Speed	30/30 ppm B&W/Color
Multiple Copy	Max. 9,999 copies
First Copy Time (in seconds)²	Platen Glass: 6.3 Mono/ 7.4 Color (MX-C303WH), 5.5 Mono/ 6.7 Color (MX-C304WH) Document Feeder: 8.5 Mono/ 10.8 Color (MX-C303WH), 7.7 Mono/ 9.4 Color (MX-C304WH)
Warm Up Time	47 seconds
Magnification	25% to 400% in 1% increments (with document feeder 25% - 200%)
Original Feed	50-sheet RSPF (MX-C303WH) and 100-sheet DSPF (MX-C304WH)
Scan Speed	MX-C303WH: up to 40 ipm MX-C304WH: up to 110 ipm
Paper Capacity	Maximum 300 sheets
Paper Feed System	Standard: (1) 250-sheet paper drawer (letter/statement/executive size) system and 50-sheet bypass tray (letter/statement/legal/executive/envelope size). Optional: 600-sheet paper drawer (letter/ statement/ legal/executive size.)
Paper Weights and Types	Standard paper drawer: 16-28 lb. bond. Optional drawers: 16 lb. bond- 80 lb. cover. Other paper types include plain, recycled, pre-punched, letterhead, pre-printed and color. Bypass tray: 13-16lb. bond (thin paper), 16-28 lb. bond (plain paper), 28lb. bond-80 lb. cover (heavy paper), 20-24 lb. bond Monarch/Com-10 envelope. Also label paper, gloss paper, recycled, pre-punched, letterhead, pre-printed, color paper and OHP film.
Duplexing	Standard automatic duplex copy and printing
CPU	600 MHz
Interface	RJ-45 Ethernet (10Base-T, 100Base-TX, 1000Base-T), Wireless (IEEE802.11 n/g/b), USB 2.0 (2 host ports, front/rear), USB 2.0 (1 device)
Memory	5 GB copy/print shared
Hard Disk Drive	500 GB
Copy Resolution	Up to 600 x 600 dpi
Color Modes	Auto Color Selection (ACS), Full Color Mode, Monochrome (B/W)
Exposure Control	Modes: Automatic, Text, Text/Photo, Text/Printed-Photo, Printed-Photo, Photo, Map, Pale-Color Document. Settings: Auto or 9 step manual
Halftone	256 gradations/2 levels (monochrome)
Copy Features	Scan-Once Print-Many, electronic sorting, Auto Paper Selection, (APS), Auto Magnification Selection (AMS), Auto Tray Switching (ATS), black-white reversal, blank page skip, card shot, center, erase, centering, cover pages, edge erase, image edit, image, preview, insert pages, job build, job programs, margin shift, mirror image, mixed size original, original count, pamphlet, style, proof copy, repeat layout, stamp, stamp custom image, suppress background, toner save mode, transparency inserts, watermark and 2-in-1 / 4-in-1 / 8-in-1 multi shot
Account Control	Up to 1,000 users. Supports user authentication via user-number, local login name/password, LDAP or Active Directory® for all models
Output Tray Capacity	150 Sheets (face down)
Cloud Supported Services	Google Drive, Gmail, OneDrive, SharePoint Online, Exchange Online, Box, Dropbox

Main Specifications (continued)

Network Protocols	TCP/IP (IPv4, IPv6, IPsec), HTTP/HTTPS, IPP/IPP-SSL, FTP/FTPS, SNMPv3, SMTP/SMTP-SSL, POP3/POP3-SSL, LDAP/LDAP-SSL, 802.1x for Windows and Unix.
Network and Data Security	Includes IP/MAC address filtering, protocol filtering, port control, TLS Encryption, Kerberos, Active Directory integration, AES 256 bit data encryption, data overwrite (up to 10 times), US Department of Defense data wipe standard DoD 5220.22-M and End-of-Lease feature
Firmware Management	Firmware can be updated by USB drive, FTP, Web page or SRDM
Device Setup	Web-based management with user/admin level login
Service/Functions	Remote Front Panel, access to service logs and click counts
Accessibility Features	Free stop tilting front panel, adjustment of key touch sound and speed, concave key, document feeder free stop, job programs, remote front panel, universal grip for optional paper trays, and disable screen timeout
Environmental Standards	Blue Angel, European RoHS and REACH
Power	120 V, 60Hz, 12A
Power Consumption	1.44 kW
Weight	MX-C303WH: Approx. 77 lbs MX-C304WH: Approx. 84 lbs
Dimensions	MX-C303WH: 19 11/32" (w) x 22 3/8" (d) x 22 21/64" (h) MX-C304WH: 19 11/32" (w) x 22 3/8" (d) x 22 1/4" (h)

Network Printing System

PDL	Standard PCL 5c, 6, Adobe PostScript 3
Resolution	600 x 600 dpi
Print Speed	30/30 ppm (8½" x 11")
Print Drivers	Windows Server® 2008, Windows Server 2008 x64, Windows Server 2012 x64, Windows 7, Windows 7 x64, Windows 8.1, Windows 8.1 x64, Windows 10, Windows 10 x64, Windows Server 2012 x64, Windows Server 2016 x64, MAC OS X® (including 10.6 to 10.14)
Mobile Printing	AirPrint, Android printing framework (Sharp Print Service Plugin), Sharpdesk Mobile ³
Print Features	Auto configuration, serverless print release, bar code font printing, carbon copy print, chapter inserts, confidential print, custom image registration, different cover page/last page/other page, document control, document filing, duplex printing, electronic sorting, form overlay, hidden pattern print, image rotation, image stamp, image type, job retention, layout print, margin shift, network tandem print, N-up printing, page interleave, pamphlet style, proof print, print and send, stapling, toner save mode, transparency inserts, tray status, user authentication, watermarks and zoom print. ¹
Direct Printing	File Formats: TIFF, JPEG, PCL, PRN, TXT, PDF, Encrypted PDF, Compact PDF, PostScript, DOCX, XLSX, PPTX (optional for MX-C303WH). Methods: FTP, SMB, Web page, Email and USB memory. PDF file formats support the Adobe Embedded Print Engine USB, Web page, Email and SMB.
Resident Fonts	80 outline fonts (PCL), 139 fonts (PS)
Interface	RJ-45 Ethernet 10/100/1000 Base-T, USB 2.0, Wireless
Operating Systems and Environments	Server2008, Server2008x64, Windows7, Windows7x64, Server2012, Windows8.1, Windows8.1x64, Windows10, Windows10x64, Server2016, Mac OS X (10.6-10.14)
Printing Protocols	LPR, IPP, IPPS, PAP, Raw TCP (port 9100), FTP, POP3, HTTP, LPD and LPR for Unix

Network Scanning System

Scan Modes	Standard: color, monochrome, grayscale
Max. Original Size	8½" x 14"
Optical Resolution	600 dpi
Output Modes	600 dpi, 400 dpi, 300 dpi, 200 dpi, 150 dpi, 100 dpi
Image	Monochrome Scanning: Uncompressed, G3 (MH), G4 (MR/MMR)
Compression	Color/Grayscale: JPEG (high, middle, low) Compact PDF, Black Letter Emphasis, Internet Fax mode: MH/MMR
Image Formats	Monochrome: TIFF, PDF, PDF/A, Encrypted PDF, XPS, Searchable PDF, DOCX, XLSX, PPTX, TXT, UTF-8, and RTF (optional for MX-C303WH). Color/Grayscale: TIFF, JPEG, PDF, PDF/A, Compact PDF, Encrypted PDF, XPS, Searchable PDF, DOCX, XLSX, PPTX, TXT, UTF-8, and RTF (optional for MX-C303WH) Internet Fax: TIFF-FX, TIFF-F, TIFF-S, TIFF-C

Network Scanning System (continued)

Scan Destinations	Email, Desktop, FTP, Folder (SMB), USB, Super G3 fax, Internet fax (option)
One-Touch Destinations	Up to 2,000 (combined scan destinations)
Group Destinations	Up to 500
Programs	48 (combined)
Max. Jobs	Up to 100
Enhanced Email Integration	Gmail connector, Exchange connector
Software¹	Sharpdesk desktop personal document management software, Network Scanner tool, Sharpdesk Mobile (download)

Super G3 Facsimile Function

Communication Line	Public Switched Telephone Network (PSTN)
Transmission Mode	Super G3, G3
Modem Speed²	Maximum 33.6 KBPS with auto fallback
Compression	JBIG, MMR, MR, MH
Scanning Method	Sheet fed or manual feed from platen glass
Transmit Resolution	400 x 400 dpi (ultra-fine), 200 x 400 dpi (super-fine), 200 x 200 dpi (fine), 200 x 100 (standard)
Halftones	256 levels
Transmit Speed²	2 seconds per page in Super G3/JBIG mode
Auto Dialing	Up to 1,000 destinations (combined)
Group Dialing	Up to 500 groups
Inbound Fax Routing	To email address, FTP or SMB using Transmit Terminal Identification (TTI), also Document Administration function can send blind copy of transmissions and receptions to an administrator email address, FTP or SMB location.
Max. Original Length	Up to 19.5"
Programs	48 (combined)
Memory	1 GB (shared)
Features	Transaction Reports, Activity Reports, PC Fax, F-Code communication, Memory Transmission, Quick On-line Transmission, Inbound Fax Routing, Anti-junk Fax Reception, Secure Fax Release, Out-of-Paper Memory Reception, Auto Redial, Auto Exposure, Chain Dialing, Polling Reception, Duplex Reception and ITU-T.37 Internet Fax Option.

Optional Equipment

MX-DS22N	High Stand
MX-DS23N	Low Stand
MX-XB19	Anti Tip Kit
MX-CS14N	600-sheet Paper Feed Unit
MX-FWX1L	Internet Fax Kit
MX-PF10	Bar Code Font Kit
DVENDFSV	Generic Vendor Interface Kit
MX-FR61U	Data Security Kit
MX-EB20L	OCR Expansion Kit (MX-C303WH)
MX-PU10L	Direct Print Expansion Kit (MX-C303WH)
MX-EB19L	Compact PDF Kit (MX-C303WH)
MX-AMX1L	Application Integration Module (MX-C303WH)
MX-AMX2L	Application Communication Module (MX-C303WH)
MX-AMX3L	External Account Module (MX-C303WH)

Supplies

MX-C30NTB	Black Toner Cartridge
MX-C30NTC	Cyan Toner Cartridge
MX-C30NTM	Magenta Toner Cartridge
MX-C30NTY	Yellow Toner Cartridge
MX-C32NVB	Black Developer
MX-C32NVC	Cyan Developer
MX-C32NVM	Magenta Developer
MX-C32NVE	Yellow Developer
MX-C30DR	Drum

¹ Some features require optional equipment. See your local dealer.

² May vary depending on product configuration, machine settings and operating and/or environmental conditions.

³ Go to www.sharpusa.com for a list of supported devices and operating systems.



SHARP ELECTRONICS CORPORATION
100 Paragon Drive, Montvale, NJ 07645
1-800-BE-SHARP • www.sharpusa.com

Design and specifications subject to change without notice. Sharp, Sharp OSA, Sharpdesk, My Sharp, and all related trademarks are trademarks or registered trademarks of Sharp Corporation and/or its affiliated companies. Microsoft, Office 365, Active Directory, Windows, Windows Server, Excel, PowerPoint, OneDrive, and SharePoint are trademarks or registered trademarks of Microsoft Corporation. Android, Chrome, Gmail, Google Drive and Chromebook are trademarks or registered trademarks of Google LLC. Adobe, the Adobe logo, PostScript, and PostScript 3 are either registered trademarks or trademarks of Adobe in the United States and/or other countries. Qualcomm DirectOffice is a product of Qualcomm Technologies, Inc. and/or its subsidiaries. Qualcomm is a trademark of Qualcomm Incorporated, registered in the United States and other countries. DirectOffice is a trademark of CSR Imaging US, LP, registered in the United States and other countries, used with permission. Amazon, Alexa, and all related logos and motion marks are trademarks Amazon.com, Inc. or its affiliates. All other trademarks are the property of their respective owners.

SHARP®

HIGH-SPEED COLOR DOCUMENT SYSTEMS



MX-7081
MX-8081

The high-performance MX-7081/8081 encompass brilliant, consistent color quality with advanced workflow efficiency.

SUPERIOR CAPABILITY, INTUITIVE WORKFLOW, DYNAMIC OPERATION

powerful

The Sharp MX-7081 and MX-8081 color document systems are designed using the latest technology available to deliver the performance, features and reliability needed in today's busy workplace. Built for high-volume environments, central reprographics departments and copy rooms, these new document systems are complemented with robust paper handling and productive output capabilities, once found only in commercial print facilities. These new models also offer leading-edge security features to help businesses protect their data and personal information.

Sharp's next generation Color Consistency System helps ensure brilliant color output, page-after-page and job-after-job, for repeatable, high-quality results. Businesses can rest assured that producing professional-looking color documents in house can be easier and more economical than ever before.

Key Features

- **Ease of Use** – Award-winning touchscreen display with intuitive menu navigation combined with alternative touchless operation capabilities for basic copying, scanning and print release.
- **Productive Features** – Full multifunction capability out-of-box, including copying, network printing and color network scanning. Adobe Embedded Print Engine technology natively processes PDF files from a wide variety of sources, delivers peak performance and provides superior rendering accuracy.
- **Advanced Color Workflow** – The latest MX-PE15 Fiery® Print Server is available for corporate offices, CRDs and in-plant printing facilities that require precision color control and job management.

The MX-7071 and MX-8081 high speed color document systems are also easy to use and offer enhanced productivity, all to provide customers with a seamless, intuitive experience and the confidence in knowing their jobs will come out right the first time, every time.



 POWERED BY
Adobe Embedded Print Engine

MORE FEATURES, POWERFUL PRODUCTIVITY, GREATER RESULTS



**HIGH RESOLUTION
COLOR TOUCHSCREEN**

**PRODUCTIVITY PLUS
QUALITY AND EFFICIENCY**

**AVAILABLE FIERY®
PRINT SERVER**

A powerful, smart MFP that transforms office productivity and helps meet the demands of high-volume office customers.

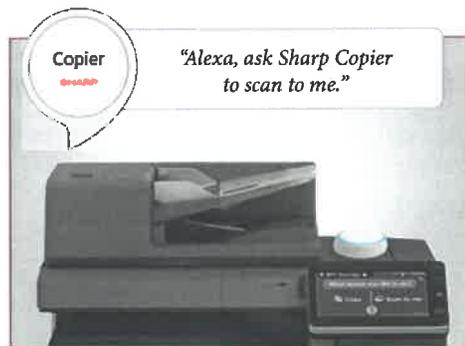
- **300-sheet Duplex Single Pass Feeder (DSPF)** scans documents at up to 240 images per minute.
- **Scan Preview** feature offers on-the-fly page editing with easy **fingertip navigation**.
- **Triple air-feed paper handling** option offers **high reliability** and is virtually maintenance-free.
- The available Sharp **MFP Voice** feature enables users to control the device with simple verbal commands. Experience hands-free, voice-first interaction with **Amazon Alexa**.



- **Offers 8,500-sheet maximum paper capacity** and media support up to 110 lb. cover stock (300 gsm).
- High-performance print controller with included **PCL® 6** and **Adobe® PostScript® 3™**.
- True **1,200 x 1,200 dpi** printing provides beautiful images and enhanced clarity for fine details such as small text and graphics.
- The Sharp **Color Consistency System** with next generation image process control delivers high quality color output and maintains optimum color balance and toner density page after page.
- Easily **access popular cloud applications**, including Microsoft® OneDrive® for Business, SharePoint® Online, Box and Google Drive™, with the Sharp Cloud Connect feature.
- Standard **Job Management** features make it easy to print on-demand as well as view jobs, retain jobs, combine jobs, select print settings and more.
- Supports the **Sharp OSA development platform**, enabling businesses to easily integrate with network applications and cloud services.
- **Compact PDF feature** dramatically reduces the file size of scanned color documents, resulting in decreased network traffic and more efficient use of disk and cloud storage.
- Convenient **End-of-Lease feature** can erase all files on the hard disk drive, all user data, job status data and address book data at trade-in time.



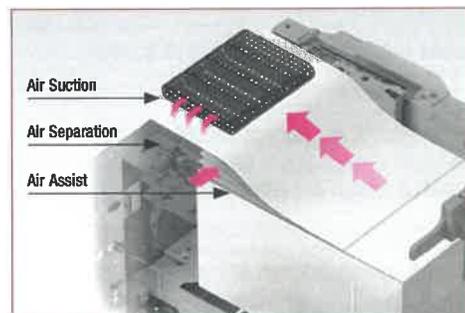
FLEXIBLE DESIGN ENABLES INTELLIGENT FUNCTIONALITY



MX-8081 shown with available Sharp MFP Voice feature with Amazon Alexa.



High capacity 300-sheet DSPF with 150-business card feeder for increased efficiency and scanning capabilities.



Triple air-feed LCT paper trays maximize reliability and minimize downtime. Pneumatic sensors maintain consistent air flow.



With the MX-PE15 Fiery Print Server, achieve higher productivity and consistent color quality.

From intuitive navigation to unsurpassed productivity, these MFPs are equipped to deliver optimum results.

Simple and Intuitive Operation

The new MX-7081/8081 high-speed color document systems feature the latest 10.1" (diagonally measured) high-resolution touchscreen with signature **retractable keyboard** for unmatched ease-of-use. Using the latest touchless technology, you can operate these models by simple voice commands with Amazon Alexa on the MFP, and print release, copy and scan jobs with Synappx™ Go on your personal device.



Sharp Synappx Family Innovation Award

A "Well-connected" Device

Connecting a multifunction printer (MFP) to your wireless network and accessing it from mobile devices has never been so easy with the MX-7081/8081 standard wireless networking features. Print from or scan to popular cloud services such as **Microsoft OneDrive for Business**, **SharePoint Online**, and **Google Drive** with the Sharp **Cloud Connect** feature. **Single Sign-on (SSO)** support for accessing these services makes scan-to-folder and scan-to-email operations simpler than ever. Even printing from your desktop is made easier with Sharp's **Serverless Print Release** function. **Easily send a job to one device, and print it on another** when and where it's most convenient for you.

Robust Paper Handling for Busy High-Volume Environments

Sharp understands the importance of productivity, that's why the new MX-7081/8081 high-speed color document systems offer up to **8,500-sheet paper capacity** and support **media weights up to 110 lb. cover (300 gsm)**. The Sharp exclusive paper feed option uses **air-feed technology**, which maximizes reliability and minimizes down time. The triple air-feed system directs air flow with precision accuracy to ensure proper paper handling. Also, to help drive productivity, a standard 300-sheet dual head document feeder can scan up to 240 images per minute.



The MX-PE15 Fiery® Print Server – an advanced solution for efficient print production.

Improve Document Production with Best-in-class Processing and Timesaving Workflow

The Fiery MX-PE15 print server can produce professional, finished documents in less time with easy-to-use job management tools. Operators can use Fiery Command WorkStation®, the **powerful, intuitive job management interface**, to set up and print complex jobs in-house, regardless of their experience.

- **Print faster, smarter and seamlessly** – turn in-house printing into a professional operation
- **Achieve unparalleled image and color quality** – ensure consistent reproduction of your brand
- **Add value and impact** – customize your output with variable data printing capabilities

Add the optional Fiery Automation Package to gain a touchless job submission workflow and professional preflight tools.

SCALABLE, POWERFUL AND VERSATILE TO FIT YOUR ENVIRONMENT

The MX-7081/8081 high-speed color document systems provide high performance, high functionality and high efficiency to exceed your business needs.

innovative features

High Quality Printing

1,200 x 1,200 dpi resolution produces razor-sharp documents. Adobe® PostScript® 3™ drivers offer extensive job control.

Post Sheet Inserter

Produce professional looking documents with pre-printed covers and chapter inserts with the available post sheet inserter.

Duplexing Single Pass Feeder (DSPF)

Standard 300-sheet dual head document feeder scans both sides of a document in a single pass.

Business Card Scanning

OCR scans up to 150 business cards with the DSPF and export them to a contact management system.

Easy-to-Use Smart Touchscreen

Tablet-style menu provides quick access to features and functions.

Built-in Retractable Keyboard

Full-size QWERTY keyboard enables easy data entry.

Saddle Stitch Finishers

Make high quality booklets up to 80-pages long.

Toner Hopper

Lets you change toner on-the-fly to help maximize productivity.



Optional MX-PE15 Fiery Server

Based on the latest Fiery FS400 Pro system software platform, the Fiery Server delivers performance-boosting features that shorten turnaround times.

Multi-Folding Unit

Provides a variety of folds, including Z-fold, C-fold, Accordion-fold, Double-fold and Half-fold.

Versatile GBC® SmartPunch Pro™

Professional punching system produces up to seven commonly used punch styles for creating professional bound booklets.

3,100-Sheet Standard Paper Capacity

Includes a 2,000-sheet letter size tandem tray, two 500-sheet letter/legal/ledger size trays that feed media up to 300 gsm and a 100-sheet bypass tray.

Multi-layered Security Features

Leading-edge security features provide enhanced protection of data and personal information and helps protect against network intrusions.

Superior Media Handling

Sharp's 5,000-sheet large capacity paper tray option utilizes triple air-feed technology, which directs air flow with precision accuracy for proper paper handling and enhanced media support up to 300 gsm.



Sharp's Color Consistency System

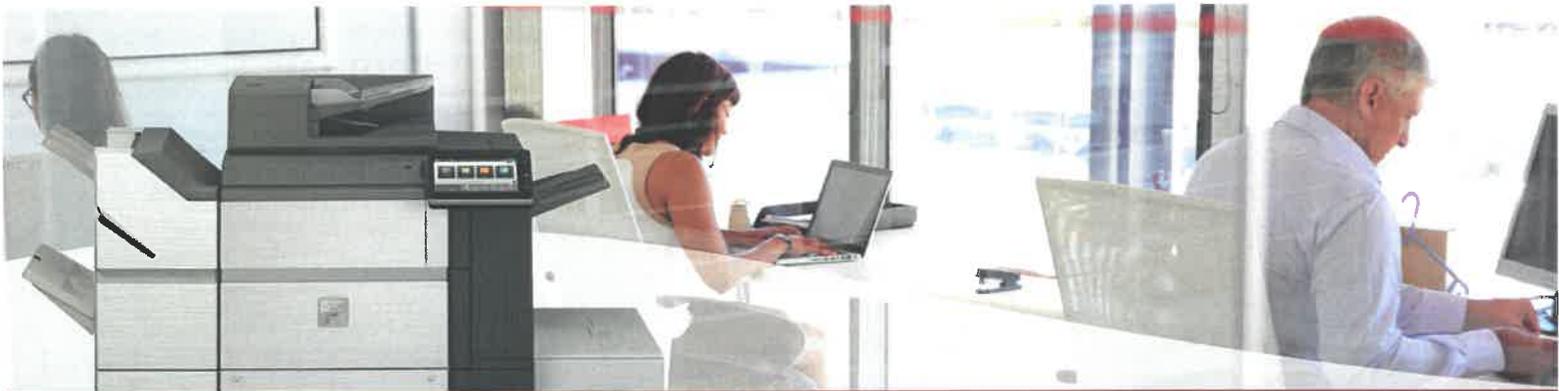
Combines Micro-fine toner with Developer Refresh and advanced Image Process Control. These processes help ensure color output is always at peak performance.

Convenient Job Management

1TB hard disk drive provides on-board document storage. An intuitive thumbnail view makes it easy to select, edit, reprint, repaginate and more.

Easily Access Popular Cloud Applications

With the Cloud Connect feature, users gain access to Microsoft OneDrive, Google Drive, Dropbox and more. The Sharp Application Portal makes it easy for administrators to add or update apps right from the MFP.



SMARTER COLLABORATION TO ENHANCE AND STREAMLINE WORKFLOWS



Access popular cloud applications, distribute files and print documents more easily.

Optimize productivity with powerful document workflow solutions that help you work more efficiently.

Distribute, Access and Print Your Documents with Ease

Sharp makes it easy to go beyond traditional network scanning with standard **Email Connect** and **Cloud Connect** features. With **Email Connect**, scan to email is seamlessly integrated with Microsoft Exchange/Office 365® and Gmail™ user accounts, making it easy to identify the sender of scanned files. With **Cloud Connect**, users can easily scan to and print from **Microsoft OneDrive for Business, SharePoint Online, Google Drive, Box and Dropbox**. And with the Sharp Application Portal, administrators can **easily add new apps** and update existing apps right from the MFP touchscreen panel.



Scan and convert documents to popular file types seamlessly with the Sharp built-in OCR function.

Scan and Print Files Easily from Mobile Devices

The MX-7081/8081 high-speed color document systems also make it easy to scan and print files from tablets and smartphones using **Sharpdesk Mobile**, a free downloadable app available for most mobile devices.* These new models also support popular mobile technologies such as **Apple® AirPrint®**. With standard **wireless networking**, users can also print directly to the MFP from mobile devices without interfering with the corporate network!

Simplify Managing Different File Types with Intelligent Image Processing

With standard OCR capabilities, users can easily scan and convert documents to popular file formats including Microsoft Word, PowerPoint and Excel, as well as Searchable PDF, Encrypted PDF and others. You can even directly print these same file types from thumb drives, cloud applications and mobile devices. This function is enabled via Qualcomm DirectOffice technology. These new models also support **Adobe Embedded Print Engine** technology, which direct prints PDF files from a variety of sources with greater performance and rendering accuracy.

Flexible Printing Solutions Help Maximize Productivity

Standard PCL 6 and Adobe PostScript 3 printing systems help you speed through all of your output needs. The Sharp **Serverless Print Release** feature enables users to securely print a job and release it from up to six supported models on your network.*

Simplify Complex Business Workflows with Sharp OSA® Technology

Sharp OSA technology can help your business leverage the power of your network applications, back-end systems and cloud services. Easily automate complex processes and help eliminate redundant tasks. Talk to your authorized Sharp dealer to see how they can help you implement a streamlined workflow solution.



Standard Serverless Print Release enables users to securely print a job and release it from up to six supported models on the same network.

* Go to www.sharppusa.com for a list of supported equipment and operating systems.

COMPREHENSIVE SECURITY HELPS PROTECT YOUR BUSINESS

Manage your device, help safeguard your data.

To help protect employees' privacy and intellectual property, the new MX-7081/8081 are armed with leading-edge, **multi-layered security features**, including **Firmware Attack Prevention and Self Recovery**, which can help identify a malicious intrusion and restore the machine firmware to its original state. The new **Whitelisting** feature detects access attempts to the machine file system and denies access if the source data is not on the whitelist. **Authority Groups** help manage and restrict copying, printing and scanning features to safeguard data and control costs. Administrators can also apply **Active Directory® Group Policy** to the device, which offers centralized configuration and control. **Confidential Printing** helps ensure sensitive documents are kept safe by requiring users to enter a PIN code to print them. These models also support Active Directory user authentication and secure **Single Sign-on**. **Integrated ID card authentication** is also available.* When you are ready to trade the machine in, a convenient **End-of-Lease** feature can erase all data and personal information, as well as print a confirmation report.



These scalable security offerings aim to help protect your confidential and personal information, as well as help your business meet regulatory requirements. For additional information visit: www.sharppusa.com/security.

** Some features require optional equipment and/or software.*



With **Sharp Remote Device Manager (SRDM)**, administrators can take control of system features and simplify installation and management. SRDM makes it easy to view service logs, click counts, history reports and more. Event-driven service alerts help monitor the device and maximize uptime. The centrally managed **security dashboard** monitors security settings and can automatically reset the security policy if changed locally at the machine. Also, **Centralized Admin Password Management** and **Centralized Power Management** make it easy to deploy changes when needed. The **Remote Front Panel** feature enables administrators to control the machine's LCD panel from a PC to troubleshoot issues and train operators. Sharp also offers both **built-in** and additional **auditing hardware and software to control, access and track usage** of each device on the network.* And with **My Sharp™**, you get a dedicated training website customized to these models to help you understand all of the features.



ENVIRONMENTAL COMMITMENT



An Environmentally Responsible Approach to Product Design

Sharp is committed to environmental sustainability and corporate responsibility including planning, design, manufacturing, distribution and product end-of-life management. The MX-7081/8081 adhere to the Sharp Green Products Guidelines in pursuit of these commitments. These guidelines include designing products that consume less power, using recycled materials, reducing the amount of material used in products and packaging, and labeling the type of materials used. Sharp also aims to design products that are upgradable, easy to repair and easy to take apart for recycling.

The MX-7081/8081 document systems are ENERGY STAR® qualified and RoHS compliant to restrict the use of hazardous substances. These products also have low TEC values. Sharp MFPs are EPEAT® registered.



Toner Recycling Program

As part of our commitment to help preserve the environment, Sharp offers zero-waste-to-landfill recycling for Sharp consumables at no cost to our customers. This program includes cartridges, bottles, toner collection containers and drum units. Sharp encourages customers to recycle their used Sharp toner cartridges in bulk by providing them with a pre-paid recycling kit for their return to our facility.

Environmental Leadership

As a testament to our commitment to the environment, Sharp is a multi-year winner of the ENERGY STAR annual Excellence in Energy Proficiency Product Design. Sharp is also a multi-year winner of the SmartWay® Excellence Award which recognizes companies for conserving energy and lowering greenhouse gas emissions in logistics and transportation.

For more information about Sharp's environmental leadership including information about energy efficient products, electronics or toner cartridge recycling, please visit www.sharppusa.com/environment.

MX-7081/8081 SPECIFICATIONS

Main Specifications

MX-7081/8081	Base models include 300-sheet DSPF, 2,000-sheet tandem paper drawer, (2) 500-sheet paper drawers, 100-sheet bypass tray, 1-TB hard disk drive, PCL 6 and Adobe PostScript 3 network printing, network scanning, retractable keyboard, application integration and external accounting modules. Black and color developer is included.																					
Type	Color multi-function digital document system																					
Display	10.1" (diagonally measured) color dot matrix high-resolution touch panel tilting display. 1,024 x 600 dots (W-SVGA)																					
Functions	Copy, print, network print, network scan, document filing and fax ¹																					
Copy System	Dry electrostatic transfer/Dual component developer/Magnetic brush development/OPC drums/Belt fusing/white LED exposure																					
Originals	Sheets and bound documents																					
Max. Original Size	11" x 17"																					
Copy Size	Min. 5 1/2" x 8 1/2", Max. 13" x 19.2"																					
Copy Speed	MX-7081: 75/70 ppm Mono/Color MX-8081: 80/80 ppm Mono/Color																					
Multiple Copy	Max. 9,999 copies																					
First Copy Time (in seconds)²	<table border="1"> <tr> <td></td> <td>MX-7081</td> <td>MX-8081</td> </tr> <tr> <td></td> <td>Mono</td> <td>Color</td> </tr> <tr> <td></td> <td>Mono</td> <td>Color</td> </tr> <tr> <td>Platen Glass</td> <td>4.0</td> <td>5.6</td> </tr> <tr> <td>DSPF</td> <td>6.5</td> <td>9.2</td> </tr> <tr> <td></td> <td>3.7</td> <td>5.1</td> </tr> <tr> <td></td> <td>6.3</td> <td>8.8</td> </tr> </table>		MX-7081	MX-8081		Mono	Color		Mono	Color	Platen Glass	4.0	5.6	DSPF	6.5	9.2		3.7	5.1		6.3	8.8
	MX-7081	MX-8081																				
	Mono	Color																				
	Mono	Color																				
Platen Glass	4.0	5.6																				
DSPF	6.5	9.2																				
	3.7	5.1																				
	6.3	8.8																				
Warm-up Time²	66 seconds from main power switch on, 55 seconds from [Power] button on																					
Magnification	25% to 400% in 1% increments (with document feeder 25%-200%)																					
Original Feed	300-sheet/150-business card DSPF																					
Scan Speed	Copy: Up to 240 ipm (Mono)/120 ipm (Color) Scan: Up to 240 ipm (Mono/Color)																					
Original Sizes	5 1/2 x 8 1/2", 8 1/2 x 11", 8 1/2 x 11" R, 8 1/2 x 14", 11" x 17"																					
Paper Capacity	Standard: 3,100 Sheets/Maximum: 8,500 Sheets																					
Paper Feed System	Standard: Tandem Tray 1 - 1,200 sheets (letter size), Tandem Tray 2 - 800 sheets (letter size), Trays 3/4 - 500 sheets ea. (letter/legal/ledger/statement/12" x 18"). Multi-bypass Tray (for machine) - 100 sheets (letter/legal/ledger/statement/monarch or COM10 envelopes/12" x 18"), Multi-bypass (for LCT) - 500 sheets (letter/legal/ledger/statement/12" x 18"), LCT (2-Drawer) - 2,500 sheets each drawer (letter/legal/ledger/12" x 18"), Letter LCC - 3,500 sheets (letter), Ledger LCC: 3,000 sheets (letter/legal/ledger).																					
Paper Weights and Types	Tandem Trays - 16-28 lb. bond, Trays 3/4 - 16 lb. bond to 110 lb. cover, Multi-bypass Tray (for machine) - 15 lb. bond to 110 lb. cover, Multi-bypass Tray (for LCT) - 15 lb. bond to 80 lb. cover, LCT (2-drawer) - 15 lb. bond to 110 lb. cover, Letter LCC/Ledger LCC - 16 lb. bond to 80 lb. cover. Supported paper types include thin, plain, recycled, color, letterhead, pre-printed, pre-punched, embossed, glossy and OHP film.																					
Duplexing	Standard automatic duplex copying and printing																					
CPU	Up to 1.4 GHz multi-processor controller																					
Interface	RJ-45 Ethernet (10/100/1000 Base-T), USB 2.0 (2 host ports, front and rear), USB 2.0 (1 device port), wireless 802.11 b/g/n Standard 6 GB																					
Memory	1 TB																					
Hard Disk Drive																						
Copy Resolution	Scan: 600 x 600 dpi (Mono/Color); Output: Up to 1,200 x 1,200 dpi (Mono), up to 600 x 600 dpi (Color)																					
Color Modes	Auto Color Selection (ACS), Full Color, Grayscale, Monochrome																					
Exposure Control Modes	Text, Text/Photo, Text/Printed-Photo, Printed-Photo, Photo, Map, Pale-Color. Settings: Auto or 5 step manual																					
Halftone	256 gradations/2 levels (monochrome)																					
Copy Features	Scan once print many, electronic sorting, offset-stacking, Auto Color Sensing, Auto Paper Selection (APS), Auto Magnification Selection (AMS), Auto Tray Switching (ATS), black-white reversal, mirror image, mixed size original, multi-page enlargement, original count, pamphlet style, proof copy, repeat layout, reserve copy, rotated copy, stamp, stamp custom image, suppress background, tab copy, tab-paper insertion, tandem copy, toner save mode, transparency inserts, watermark, 2-in-1/4-in-1/8-in-1 multi shot. Up to 1,000 users. Supports user-number authentication via local, LDAP and Active Directory for copy, print, scan and document management.																					
Account Control																						
Cloud Supported Services	Google Drive, OneDrive for Business, SharePoint, Box, Dropbox, Office 365, Gmail																					
Network Protocols	TCP/IP (IPv4, IPv6, IPsec), HTTP/HTTPS, IPP/IPP-SSL, FTP/FTPS, SNMPv3, SMTP/SMTP-SSL, POP3/POP3-SSL, LDAP/LDAP-SSL, 802.1x for Windows and Unix.																					

Main Specifications (continued)

Network and Data Security	Includes IP/MAC address filtering, protocol filtering, port control, user authentication (local/LDAP/Active Directory), TLS Encryption, Kerberos support, data encryption, End-of-Lease, data overwrite (up to 10x), DoD 5220.22-M
Firmware Management	Flash ROM with local (USB), network update capability and firmware update 1 to N with SRDM (Sharp Remote Device Management)
Device Setup Service/Functions	Web-based management with user/administrator level login Remote front panel, remote access to service logs and click counts
Accessibility Features	Free stop tilting front panel, adjustment of key touch sound and speed, concave key, document feeder free stop, job programs, remote front panel, universal grip for paper trays, and disable screen timeout
Environmental Standards	International Energy Star Program Ver. 3.0, European RoHS, Blue Angel (DE-UZ205)
Power Source	208-240V AC, 60 Hz, 20 A Receptacle
Power Consumption	Maximum: 2,880 W or less
Weight	Approx. 461 lbs.
Dimensions	Approx. 33 1/4" (w) x 33 1/4" (d) x 49" (h)
Network Printing System	
PDL	Standard PCL 6, Adobe PostScript 3
Resolution	1,200 x 1,200 dpi
Print Speed	MX-7081: 75/70 ppm Mono/Color MX-8081: 80/80 ppm Mono/Color
Print Drivers	Windows 8.1, Windows 10, Windows Server ² 2012, Windows Server 2016, Windows Server 2019, Windows PPD, macOS X ³ (including 10.9 to 10.15), all MAC PPD, Linux ³ PPD
Mobile Printing	AirPrint, Sharpdesk Mobile, Synapx Go
Print Features	Auto configuration, serverless print release, bar code font printing, carbon copy print, chapter inserts, color adjustment settings, color mode, confidential print, continuous printing, custom image registration, different cover page/last page/other page, document control, document filing, duplex printing, electronic sorting, folding, form overlay, hidden pattern print, image rotation, image stamp, image type, job bypass print, job retention, layout print, margin shift, multiple pamphlet, network tandem print, N-up printing, offset stacking, page interleave, pamphlet style, poster print, proof print, print and send, punching, stapling, tab paper print, tab printing, toner save mode, transparency inserts, tray status, user authentication, watermarks, zoom print
Direct Printing	File Types: TIFF, JPEG, PCL, PRN, TXT, PDF, Encrypted PDF, Compact PDF/A, PostScript, DOCX, XLSX, PPTX, and PNG. Methods: FTP, SMB, Web page, Email and USB memory. PDF file formats supported by the Adobe Embedded Print Engine.
Resident Fonts	80 outline fonts (PCL), 139 fonts (PS)
Interface	RJ-45 Ethernet 10/100/1000 Base-T, USB 2.0, wireless
Operating Systems and Environments	Windows 8.1, Windows 10, Windows Server 2012, Windows Server 2016, Windows Server 2019, Chrome ³ , Mac OS X 10.9-10.15, Unix ³ , Linux ³ , Citrix ³ , SAP device types ³
Printing Protocols	LPR, IPP, IPPS, Raw TCP (port 9100), FTP, POP3 and HTTP
Network Scanning System	
Scan Modes	Standard: Color, monochrome, grayscale
Max. Original Size	11" x 17"
Optical Resolution	600 dpi
Output Modes	600 dpi, 400 dpi, 300 dpi, 200 dpi, 150 dpi, 100 dpi
Image Formats	Monochrome: TIFF, PDF, PDF/A-1b, PDF/A-1a, Encrypted PDF, Searchable PDF, XPS, PPTX, XLSX, DOCX, TXT, RTF. Color/Grayscale: TIFF, JPEG, PDF, PDF/A-1b, PDF/A-1a, Encrypted PDF, Compact PDF, Searchable PDF, XPS, PPTX, XLSX, DOCX, TXT, RTF. Internet Fax: TIFF-FX, TIF-F, TIF-S1 ¹
Image Compression	Monochrome Scanning: Uncompressed, G3 (MH), G4 (MR/MMR) Color/Grayscale: JPEG (high, middle, low) Internet Fax mode: MH/MMR (option) ¹
Scan Destinations	Email, Desktop, FTP, Folder (SMB), USB, Internet fax (option), Super G3 fax (option)
One-touch Destinations	Up to 2,000 (combined scan destinations)
Group Destinations Programs	Up to 500 48 (combined)
Max. Jobs	Up to 100
Enhanced Email Integration	Standard Gmail connector, standard Exchange connector

3K 65-Sheet Staple Finisher (MX-FN34: option)

Type	3,000-sheet console staple finisher (65-sheet stapling)
Output Trays	Top tray: 250 sheets (letter size, non-stapled) Lower tray: Moving offset tray (up to 3,000 letter size sheets)
Stapling Capacity	Up to 65 sheets (letter/statement)
Stapling Media	Plain paper, letter/legal/ledger size or mixed
Stapling Positions	1 front, 1 rear, or 2-point stitching
Stapleless Finishing	1 rear (max. 5 sheets)
Manual Stapling	1 point (max. 65 sheets)

3K 65-Sheet Staple/Saddle Stitch Finisher (MX-FN35: option)

Type	3,000-sheet console staple finisher (65-sheet stapling)
Output Trays	Top tray: 250 sheets (letter size, non-stapled) Lower tray: Moving offset tray (up to 3,000 letter size sheets) Saddle tray: Up to 10 sets of 20 sheets
Stapling Capacity	Up to 65 sheets (letter/statement)
Stapling Media	Plain paper, letter/legal/ledger size or mixed
Stapling Positions	1 front, 1 rear, or 2-point stitching
Saddle Stitch	Center stitch/center fold (2 staples) letter/legal/ledger paper sizes
Max. Sets	Up to 10 sets (11-20 sheets per set)/15 sets (6-10 sheets per set)/25 sets (1-5 sheets) per set
Stapleless Finishing	1 rear (max. 5 sheets)
Manual Stapling	1 point (max. 65 sheets)

Optional Equipment

MX-LG12	3,500-sheet Large Capacity Cassette (letter)
MX-LC13N	5,000-sheet Large Capacity 2-Drawer Air-Feed Tray (ledger)
MX-LCX3N	3,000-sheet Large Capacity Cassette (ledger) ¹
MX-LT10	Long Paper Feeding Tray
MX-MF11	500-sheet Multi-bypass Tray (for MX-LC13N) ¹
MX-FN21	4K Stacking 100-Sheet Staple Finisher ¹
MX-FN22	4K Stacking 100-Sheet Staple/Saddle Stitch Finisher ¹
MX-FN34	3K Stapling 65-sheet Staple Finisher
MX-FN35	3K Stapling 65-sheet Staple/Saddle Stitch Finisher
MX-GBCX2	GBC Smartpunch Pro
MX-CF11	2-Tray Inserter Unit ¹
MX-FD10	Multi-folding Unit ¹
MX-RB12N	Paper Pass Unit (for machine) ¹
MX-RB13	Relay Unit ¹
MX-RB14	Paper Pass Unit (for MX-LC13) ¹
MX-RB27	Curri Connection Unit ¹
MX-TM10	Trimmer Unit ¹
MX-PN13B	3-Hole Punch Unit (for MX-FN21/FN22)
MX-PN16B	3-Hole Punch Unit (for MX-FN34/FN35)
MX-SC11	Staple Cartridge (for MX-FN34/FN35)
MX-SC12	Staple Cartridge (for MX-FN35)
MX-SCX1	Staple Cartridge (for MX-FN22)
MX-SCX2	Staple Cartridge (for MX-FN21/FN22)
MX-TR14	Right Side Exit Tray
MX-TU14	Center Exit Tray
AR-SU1	Stamp Unit (requires AR-SV1 Stamp Cartridge)
AR-SV1	Stamp Cartridge (required for AR-SU1)
MX-PF10	Bar Code Font Kit
MX-FWX1	Internet Fax Expansion Kit
MX-FX15	Fax Expansion Kit
MX-AMX1L	Application Integration Module
MX-FR65U	Data Security Kit
MX-PE15	Fiery Color Print Server
MX-PX15	Fiery Interface Kit
MX-SL10N	Status Indicator
DVENDFSV	Generic Vendor Interface Kit

Supplies

MX-80NTBA	Black Toner Cartridge
MX-80NTCA	Cyan Toner Cartridge
MX-80NTMA	Magenta Toner Cartridge
MX-80NTYA	Yellow Toner Cartridge
MX-G2NVBA	Black Developer
MX-G2NVSA	Cyan/Magenta/Yellow Developer
MX-G2NNSA	Drum
MX-700HB	Toner Collection Container

¹ Some features require optional equipment. See your local dealer.

² May vary depending on product configuration, machine settings and operating and/or environmental conditions.

³ Go to www.sharpusa.com for a list of supported devices and operating systems.



SHARP ELECTRONICS CORPORATION
100 Paragon Drive, Montvale, NJ 07645
1-800-BE-SHARP • www.sharpusa.com

Design and specifications subject to change without notice. Sharp, Sharp OSA, Sharpdesk, My Sharp and all related trademarks are trademarks or registered trademarks of Sharp Corporation and/or its affiliated companies. Windows, Windows Server, Excel, PowerPoint, OneDrive and SharePoint are registered trademarks of Microsoft Corporation. Android, Google Drive and Chromebook are registered trademarks of Google LLC. AirPrint is a registered trademark of Apple Inc. Adobe and PostScript are registered trademarks of Adobe Systems Inc. DirectOffice is a trademark of CSR Imaging US, LP, registered in the United States and other countries, used with permission. All other trademarks are the property of their respective owners.

SHARP®

ADVANCED SERIES COLOR DOCUMENT SYSTEMS



MX-5071S
MX-6071S



"2019 Copier MFP Line of the Year"
"New to the Line"

The Sharp Color Advanced Series document systems deliver cutting-edge integration and powerful productivity.

DESIGNED FOR THE TECHNOLOGY-DRIVEN WORKPLACE

advanced

The Sharp MX-5071S and MX-6071S Advanced Series color document systems are built using the latest technology available to deliver the performance, features and reliability needed in today's busy workplace environments. These MFPs are also easy to use and offer enhanced productivity, all to provide customers with a seamless, intuitive experience, and the confidence in knowing their jobs will come out right the first time, every time. The Color Advanced Series also offers leading-edge security features to help businesses protect their data and personal information.

Key Features

- **Ease of Use** – Award-winning touchscreen display offers a user-friendly graphical interface with simplified Easy Modes, integrated user guides and quick access to network services. With the Sharp **MFP Voice** feature available for these models, you can interact with the machine with the power of natural language.
- **Productive Features** – Standard full multifunction capability out-of-box, including copying, network printing and color network scanning. Adobe Embedded Print Engine technology direct prints PDF files from a variety of sources with greater performance and rendering accuracy.
- **Workplace Friendly** – Integrates seamlessly with today's complex network environments, and supports popular cloud services and mobile technologies. The Sharp **Application Portal** enables administrators to easily add new apps or update existing apps right from the MFP.

The MX-5071S and MX-6071S Color Advanced Series offers businesses powerful multitasking features, enabling them to quickly execute the ever-changing workflow tasks of today's busy office environments.



 POWERED BY
Adobe Embedded Print Engine

POWERFUL PERFORMANCE, STRONG PRODUCTIVITY



An advanced design plus multifunctional capability allow you to meet tomorrow's business needs today.

- Standard 150-sheet **duplexing single-pass document feeder** scans documents at speeds up to 220 images per minute (ipm).
- **Flexible paper handling** supports media up to 110 lb. cover (300 gsm) and feeds up to 12" x 18" through the paper trays, allowing users to print on a wide variety of media.
- Available Sharp **MFP Voice** feature enables users to control the device with simple verbal commands. Experience hands-free, voice-first interaction with **Amazon Alexa**.
- Network-ready **PCL® 6** and **Adobe® PostScript® 3™** printing systems ensure your documents print with the clarity and formatting you expect.
- Easily **convert documents** to popular Microsoft® file formats as well as a variety of PDF formats, with standard OCR (optical character recognition) capabilities.

EASY TO USE

PRODUCTIVE FEATURES

WORKPLACE FRIENDLY



"PaceSetter Award in
Ease of Use 2018-2019"



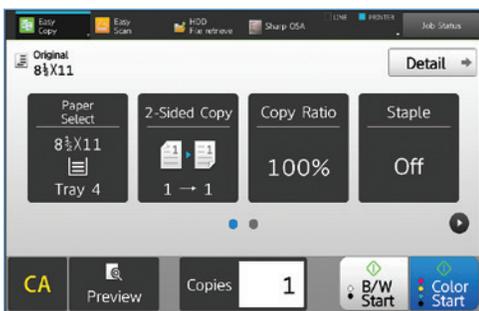
- Award-winning 10.1" (diagonally-measured) **customizable touchscreen display** with a clean design enables easy access to features and functions when setting up jobs.
- **Built-in walk-up motion sensor** automatically detects approaching users and immediately wakes the machine, making it ready for use within seconds.
- Access popular cloud services, such as Microsoft OneDrive™ for Business, SharePoint® Online, Google Drive™, Dropbox and more with the Sharp **Cloud Connect** feature.
- Pantone Licensing on these models offers unprecedented levels of color fidelity to the **PANTONE MATCHING SYSTEM®**.
- **Multi-layered, leading-edge security features** provide enhanced protection while an End-of-Lease feature can erase all data and personal information at time of trade-in.



Built-in retractable keyboard simplifies email address and subject line entries as well as repetitive scanning tasks and user authentication.



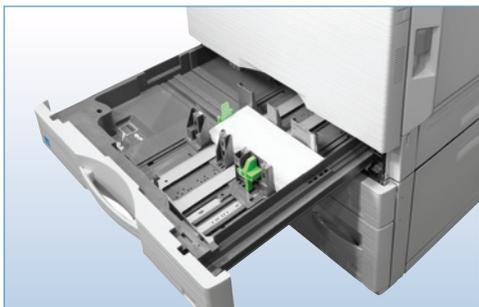
ENHANCED FUNCTIONALITY – INTUITIVE DESIGN



Easy Copy Screen offers the most commonly used settings.



MX-6071S shown in both a compact configuration with inner finisher and full configuration with saddle stitch finisher and large capacity cassette.



Feeds up to 50 envelopes from the standard paper tray.

From paper handling to networking, the MX-5071S and MX-6071S Color Advanced Series will exceed your expectations.

Simple and Intuitive Operation

From the most basic of copy functions, to the most complex scan jobs, the Color Advanced Series will perform them with ease and efficiency. Use one of the **Easy Modes** for fast, simple operation, with basic functions displayed in **large, clearly-labeled tiles** and keys. Easy Modes are available for the standard copy and scan functions, as well as for the optional fax expansion kit. And for more advanced features, just touch the “Detail” button—it’s that easy.

The Productivity You Need with the Performance You Want

When it’s time to get the job done, the Advanced Series color document systems are outstanding performers. Quickly scan documents at speeds up to **220 ipm**. Then use the **manual stapling feature** on select finishers to restaple your originals. **Multiple finishing options** give you the output you require, be it stacked, stapled, or saddle-stitched. There’s even an available built-in **stapleless finishing** feature, which can bind up to five sheets of paper by adding a crimp to the corner of the set, saving regular staples for larger sets. These models also feed up to 50 envelopes from the standard paper tray.*

Experience Hands-free, Voice-first Interaction at the MFP with Alexa

Sharp has always been known for enhancing MFP productivity in the workplace by offering innovative, easy-to-use features. Sharp has done it again with the **MFP Voice feature** available for the Color Advanced Series document systems. With the Sharp MFP Voice feature, you can interact with the machine just by using the power of natural language. With simple voice commands, you can ask the Sharp document system to make copies or scan a document.



MX-6071S shown with available Sharp MFP Voice feature with Alexa.

*See specifications for a list of supported envelopes.

HIGH IMPACT VERSATILITY AND SCALABILITY

The MX-5071S and MX-6071S Advanced Series color document systems provide high-performance functionality that easily adapts to your business needs.

innovative features

Duplexing Single Pass Feeder (DSPF)

Standard 150-sheet dual head document feeder scans both sides of a document in a single pass, and a built-in indicator light flashes to remind you to take your originals.

Built-in Retractable Keyboard

Full-size QWERTY keyboard enables easy data entry.

In-line Stapling

Produce professional-looking corner-staple or edge-staple documents up to 65 pages.

Manual Stapler

Manual stapling feature makes it easy to re-staple originals after scanning.

Saddle Stitch Finishers

Make high quality booklets up to 80 pages.

Convenient Mobile Connectivity

Scanning and printing from mobile devices is made quick and easy with the available Sharpdesk Mobile App.

Easy-to-Use Smart Touchscreen

Award-winning, tablet-style menu provides quick access to features and functions.

High Quality Printing

1,200 x 1,200 dpi resolution produces razor-sharp documents. Adobe PostScript 3 drivers offer extensive job control.

Hands-free Operation

The available MFP Voice feature enables users to control the device using simple verbal commands with Alexa.

Walk-up Motion Sensor

Detects walk-up users and wakes the machine from sleep mode, making it ready for use within seconds.

Easily Access Popular Cloud Applications

With the Cloud Connect feature, users gain access to Microsoft OneDrive, Google Drive, Dropbox and more. The Sharp Application Portal will make it easy for administrators to add or update apps right from the MFP control panel.

Multi-layered Security Features

Leading-edge security features provide enhanced protection of data and personal information and helps protect against network intrusions.

Advanced Finishing

Sharp gives you a choice of five high-performance finishers to give your documents a professional look. Choose from a compact inner finisher to a high capacity, floor-standing saddle stitch finisher.

Flexible Paper Handling

Paper drawers feed up to 12" x 18" and support media up to 300 gsm. Also feeds up to 50 envelopes through the standard paper tray.* A variety of paper tray options are available, including a large capacity cassette and split tandem paper drawers.

Large Capacity Cassette

Large capacity cassette option adds an additional 3,000 sheets of paper for a total on-line capacity of up to 6,300 sheets.



The Sharp Color Consistency System combines Micro-fine Toner with Developer Refresh and advanced Image Process Control. These processes help ensure color output is always at peak performance.

* See specifications for a list of supported envelopes.

ENHANCED COLLABORATION FOR STREAMLINED WORKFLOWS



Access popular cloud applications, distribute files and print documents more easily.



Scan and convert documents to popular file types seamlessly with the Sharp built-in OCR function.

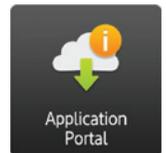


Standard Serverless Print Release enables users to securely print a job and release it from up to six supported models on the same network.

Powerful document workflow solutions help you work more efficiently.

Distribute, Access and Print Your Documents with Ease

Sharp makes it easy to go beyond traditional network scanning with standard **Email Connect** and **Cloud Connect** features. With **Email Connect**, scan to email is seamlessly integrated with Microsoft Exchange/Office 365[®] and Gmail[™] user accounts, making it easy to identify the sender of scanned files. With Cloud Connect, users can easily scan-to and print-from **Microsoft OneDrive for Business, SharePoint Online, Google Drive, Box and Dropbox**. And with the Sharp Application Portal, administrators can **easily add new apps** and update existing apps right from the MFP touchscreen panel.



Scan and Print Files Easily from Mobile Devices

The Advanced Series color document systems also make it easy to scan and print files from tablets and smart phones using **Sharpdesk Mobile**, a free downloadable app available for most mobile devices.* These models also support popular mobile technologies such as **Android™ print framework**. With optional **wireless networking**, users can also print directly to the MFP from mobile devices without interfering with the corporate network!

Simplify Managing Different File Types with Intelligent Image Processing

With standard OCR capabilities, users can easily scan and convert documents to popular file formats including Microsoft Word, PowerPoint and Excel, as well as Searchable PDF, Encrypted PDF and others. You can even directly print these same file types from thumb drives, cloud applications and mobile devices. This function is enabled via Qualcomm DirectOffice technology. These models also support **Adobe Embedded Print Engine**, which direct prints PDF files from a variety of sources with greater performance and rendering accuracy.

Flexible Printing Solutions Help Maximize Productivity

Standard PCL 6 and Adobe PostScript 3 printing systems to help you speed through all of your output needs. The Sharp **Serverless Print Release** feature enables users to securely print a job and release it from up to six supported models on your network.* Microsoft Universal Print eliminates the need for on-premises infrastructure, and enables IT to manage printers directly through a centralized portal.

Simplify Complex Business Workflows with Sharp OSA[®] Technology

Sharp OSA technology can help your business leverage the power of your network applications, back-end systems and cloud services. Easily automate complex processes and help eliminate redundant tasks. Talk to your authorized Sharp dealer to see how they can help you implement a streamlined workflow solution.



*Go to www.sharppusa.com for a list of supported equipment and operating systems.

TAKING CARE OF BUSINESS SAFELY AND SECURELY

Manage your device, help safeguard your data, help protect your business.

To help protect employees' privacy and intellectual property, the Color Advanced Series is armed with leading-edge, **multi-layered security features**, including **Firmware Attack Prevention and Self Recovery**, which can help identify a malicious intrusion and restore the machine firmware to its original state. The **Application Whitelisting** feature detects access attempts to the machine file system and denies access if the source data is not on the white list. **Authority Groups** help manage and restrict copying, printing and scanning features to safeguard data and control costs. Administrators can also apply **Active Directory® Group Policy** to the device, which offers centralized configuration and control. **Confidential Printing** helps ensure sensitive documents are kept safe by requiring users to enter a PIN code to print them. These models also support Active Directory user authentication and secure **Single Sign-On**. **Integrated ID card authentication** is also available.* When you are ready to trade the machine in, a convenient **End-of-Lease** feature can erase all data and personal information, as well as print a confirmation report.



These scalable security offerings aim to help protect your confidential and personal information, as well as help your business meet regulatory requirements. For additional information visit: www.sharppusa.com/security.

*Some features require optional equipment and/or software.



With **Sharp Remote Device Manager (SRDM)**, administrators can take control of system features and simplify installation and management. SRDM makes it easy to view service logs, click counts, history reports and more. Event-driven service alerts help monitor the device and maximize uptime. The centrally managed **security dashboard** monitors security settings and can automatically reset the security policy if changed locally at the machine. Also, **Centralized Admin Password Management** and **Centralized Power Management** make it easy to deploy changes when needed. The **Remote Front Panel** feature enables administrators to control the machine's LCD panel from a PC to troubleshoot issues and train operators. Sharp also offers both **built-in** and additional **auditing hardware and software to control, access and track usage** of each device on the network.* And with **My Sharp™**, you get a dedicated training website customized to your Advanced Series model to help you understand all of the features.



ENVIRONMENTAL COMMITMENT



An Environmentally Responsible Approach to Product Design

Sharp is committed to environmental sustainability and corporate responsibility including planning, design, manufacturing, distribution and product end-of-life management. The Color Advanced Series adhere to the Sharp Green Products Guidelines in pursuit of these commitments. These guidelines include designing products that consume less power, using recycled materials, reducing the amount of material used in products and packaging, and labeling the type of materials used. Sharp also aims to design products that are upgradable, easy to repair and easy to take apart for recycling.

The MX-5071S and MX-6071S document systems are ENERGY STAR® qualified and RoHS compliant to restrict the use of hazardous substances. These products also have low TEC values. Sharp MFPs are EPEAT® registered.



Toner Recycling Program

As part of our commitment to help preserve the environment, Sharp offers zero-waste-to-landfill recycling for Sharp consumables at no cost to our customers. This program includes cartridges, bottles, toner collection containers and drum units. Sharp encourages customers to recycle their used Sharp toner cartridges in bulk by providing them with a pre-paid recycling kit for their return to our facility.

Environmental Leadership

As a testament to our commitment to the environment, Sharp is a multi-year winner of the ENERGY STAR annual Excellence in Energy Proficiency Product Design. Sharp is also a multi-year winner of the SmartWay® Excellence Award which recognizes companies for conserving energy and lowering greenhouse gas emissions in logistics and transportation.

For more information about Sharp's environmental leadership including information about energy efficient products, electronics or toner cartridge recycling, please visit www.sharppusa.com/environment.

MX-5071S/6071S SPECIFICATIONS

Main Specifications

MX-5071S/6071S	Base models include multitasking controller, 150-sheet DSPF, PCL 6 and Adobe PostScript 3 printing systems, network scanning, auto duplexing, 1 x 550-sheet paper drawer, 100-sheet bypass tray. Black and color developer is included.
Type	Color multi-function digital document system
Display	10.1" (diagonally-measured) color dot matrix high-resolution touch panel tilting display. 1,024 x 600 dots (W-SVGA)
Functions	Copy, print, network print, network scan, document filing and fax ¹
Copy System	Dry electrostatic transfer/Dual component developer/Magnetic brush development/OPC drums/Belt fusing/white LED exposure
Originals	Sheets and bound documents
Max. Original Size	11" x 17"
Output Size	Min. 5½" x 8½", Max. 12" x 18"
Copy Speed	50/60 ppm Mono/Color (8½" x 11")
Multiple Copy	Max. 9,999 copies
First Copy Time (In Seconds)²	Platen Glass: Mono 3.7, Color 4.8 DSPF: Mono 6.1, Color 7.5
Warm Up Time	45 seconds (from main power switch on), 31 seconds (from [Power] button on)
Magnification	25% to 400% in 1% increments (with DSPF 25%-200%)
Original Feed	150-sheet DSPF with original size detection
Scan Speed	Copy: Up to 220 ipm (Mono)/110 ipm (Color) Scan: Up to 220 ipm (Mono/Color)
Original Sizes	5½" x 8½", 8½" x 11", 8½" x 11" R, 8½" x 14", 11" x 17"
Paper Capacity	Standard: 650 Sheets/Maximum: 6,300 Sheets
Paper Feed System	Standard: (1) paper drawer 550 sheets (letter/legal/ledger/stmt. size) or up to 50 envelopes (max. height: 25 mm), 100-sheet (or 20 envelope) bypass tray. Optional: Single, double, or triple paper drawer(s) (550, 1,100, or 1,650 sheets), split tandem paper drawers 2,100 sheets (letter) + (1) 550-sheet paper drawer (letter/legal/ledger/statement size).
Paper Weights and Types	Paper drawers: 18 lb. bond to 110 lb. cover. Drawer 1: 20-24 lb. bond or Monarch/Com-9 envelopes. Split Tandem Drawers: 18 lb. bond to 28 lb. bond or plain, pre-printed, recycled, pre-punched, letterhead and color paper. Bypass tray: 16-28 lb. bond (plain paper), 13-16 lb. bond (thin paper), 28 lb. bond-110 lb. cover (heavy paper), tab paper (letter) and Monarch/Com-10 envelopes. Also label, gloss, preprinted, recycled, pre-punched, letterhead and color paper or OHP film.
Duplexing	Standard automatic duplex copying and printing
CPU	Up to 1.4 GHz multi-processor design
Interface	10/100/1000 Base-T Ethernet, USB 2.0: 2 host ports (front & rear), 1 device port (rear), opt. wireless 802.11 b/g/n
Memory	Standard 5 GB copy/print (shared)
Hard Disk Drive	500 GB
Copy Resolution	Scan: 600 x 600 dpi (Mono/Color) Output: Up to 1200 x 1200 dpi (Mono), up to 600 x 600 dpi (Color)
Color Modes	Auto Color Selection (ACS), Full Color Mode, Monochrome (B/W)
Exposure Control Modes	Automatic, Text, Text/Photo, Text/Printed-Photo, Printed-Photo, Photo, Map, Pale-Color Document Settings: Auto or 9 step manual
Halftone	256 gradations/2 levels (monochrome)
Copy Features	Scan-Once Print-Many, electronic sorting, offset-stacking, Auto Color Selection (ACS), Auto Paper Selection (APS), Auto Magnification Selection (AMS), Auto Tray Switching (ATS), black-white reversal, blank page skip, book copy, book divide, card shot, center erase, centering, cover pages, dual page copy, edge erase, image edit, image preview, insert pages, job build, job programs, margin shift, mirror image, mixed size original, multi-page enlargement, original count, pamphlet style, proof copy, repeat layout, reserve copy, rotated copy, stamp, stamp custom image, suppress background, tab copy, tab-paper insertion, tandem copy, toner save mode, transparency inserts, watermark, 2-in-1 / 4-in-1 / 8-in-1 multi shot
Account Control	Up to 1,000 users. Supports user-number authentication via local, LDAP and Active Directory for copy, print, scan and document management

Main Specifications (continued)

Output Tray Capacity	Center Exit Tray (Main): 250 sheets (face down) Job Separator (Upper Tray): 100 sheets (face down) Right Side Exit Tray: 100 sheets (face down)
Cloud Supported Services	Google Drive, Box, OneDrive for Business, SharePoint Online, Dropbox, Office 365, Gmail
Network Protocols	TCP/IP (IPv4, IPv6, IPsec), HTTP/HTTPS, IPP/IPP-SSL, FTP/FTPS, SNNPv3, SMTP/SMTP-SSL, POP3/POP3-SSL, LDAP/LDAP-SSL, 802.1x for Windows and Unix.
Network and Data Security	Includes IP/MAC address filtering, protocol filtering, port control, user authentication (local/LDAP/Active Directory), TLS Encryption, Kerberos support
Firmware Management	Flash ROM with local (USB), network update capability and firmware update 1 to N with SRDM (Sharp Remote Device Manager)
Device Setup Service/Functions	Web-based management with user/admin level login Remote Front Panel, remote access to service logs and click counts
Accessibility Features	Free stop tilting front panel, adjustment of key touch sound and speed, concave key, document feeder free stop, job programs, remote front panel, universal grip for paper trays, disable screen timeout and voice interaction
Environmental Standards	International Energy Star Program Ver. 2.0, European RoHS, Blue Angel (RAL-UZ205)
Power Source	110-127 V AC, 60 Hz, 20 A Receptacle
Power Consumption	1.92 kW or less
Weight	Approx. 198 lbs.
Dimensions	Approx. 24" (w) x 26" (d) 33" (h)
Network Printing System	
PDL	Standard PCL 6, Adobe PostScript 3
Resolution	1200 x 1200 dpi
Print Speed	50/60 pages per minute (8½" x 11")
Print Drivers	Windows [®] 7, Windows 8.1, Windows 10, Windows Server [®] 2008, Windows Server 2012, Windows Server 2016, Windows PPD, Mac [®] OS X [®] (including 10.6 to 10.14), all Mac PPD, UNIX [®] , Linux [®]
Mobile Printing¹	Android printing framework (Sharp Print Service Plugin), Sharpdesk Mobile
Print Features	Auto configuration, serverless print release, chapter inserts, confidential print, continuous printing, custom image registration, document control, document filing, duplex printing, electronic sorting, form overlay, hidden pattern print, image rotation, job bypass print, job retention, layout print, margin shift, multiple pamphlet, network tandem print, N-up printing, offset stacking, page interleave, pamphlet style, poster print, proof print, print and send, tab paper print, tab printing, transparency inserts, tray status, user authentication single sign-on, watermarks, zoom print
Direct Printing	File Types: TIFF, JPEG, PCL, PRN, TXT, PNG, PDF, Compact PDF, Encrypted PDF, PS, DOCX, XLSX and PPTX. Methods: FTP, SMB, Web page, Email and USB memory. Adobe Embedded Print Engine support for PDF file formats.
Resident Fonts	80 outline fonts (PCL), 139 fonts (PS)
Interface	RJ-45 Ethernet 10/100/1000 Base-T, USB 2.0, opt. wireless
Operating Systems and Environments	Windows 7, Windows 8, Windows 10, Windows Server 2008, Windows Server 2012, Windows Server 2016, Chrome [®] , Mac OS X 10.6-10.14, Unix, Linux, Citrix [®] , and SAP device types ¹
Printing Protocols	LPR, IPP, IPPS, Raw TCP (port 9100), FTP, POP3, POP3S, HTTP, HTTPS, and LPR and LPD for Unix
Network Scanning System	
Scan Modes	Standard: Color, monochrome, grayscale
Max. Original Size	11" x 17"
Optical Resolution	600 dpi
Output Modes	600 dpi, 400 dpi, 300 dpi, 200 dpi, 150 dpi, 100 dpi
Image Compression	Monochrome Scanning: Uncompressed, G3 (MH), G4 (MR/MMR) Color/Grayscale: JPEG (high, middle, low) Internet Fax mode: MH/MMR (option) ¹

Network Scanning System (continued)

Image Formats	Monochrome: TIFF, PDF, PDF/A, Encrypted PDF, XPS, Searchable PDF, DOCX, XLSX, PPTX, TXT, and RTF. Color/Grayscale: TIFF, JPEG, PDF, PDF/A, Compact PDF, Encrypted PDF, XPS, Searchable PDF, DOCX, XLSX, PPTX, TXT, and RTF. Internet Fax: TIFF-FX, TIFF-F, TIFF-S ¹
Scan Destinations	Email, Desktop, FTP, Folder (SMB), USB, Internet fax (option), Super G3 fax (option)
One-touch Destinations	Up to 2,000 (combined scan destinations)
Group Destinations	Up to 500
Programs	48 (combined)
Max. Jobs	Up to 100
Enhanced Email Integration	Standard Gmail connector, standard Exchange connector
Scanning Protocols	HTTP/HTTPS, FTP/FTPS, SMTP/SMTP-SSL/ESMTP, SMB, POP3, LDAP, S/MIME
Optional Equipment	
MX-60ABD	Deluxe Copier Cabinet Base (with front door)
MX-DE25N	Stand/1 x 550-sheet Paper Drawer
MX-DE26N	Stand/2 x 550-sheet Paper Drawers
MX-DE27N	Stand/3 x 550-sheet Paper Drawers
MX-DE28N	Stand/1 x 550 + 2,100-sheet Split Tandem Paper Drawers
MX-DE29N	Low Stand/1 x 550-sheet Paper Drawer
MX-LC17N	3,000-sheet Large Capacity Cassette (letter, requires MX-DE25N/26N/27N/28N)
MX-LT10	Long Paper Feeding Tray
MX-FN27N	50-sheet Staple Inner Finisher
MX-FN28	1K Stacking 50-sheet Staple Finisher
MX-FN29	1K Stacking 50-sheet Staple/Saddle Stitch Finisher
MX-FN30	3K Stacking 65-sheet Staple Finisher
MX-FN31	3K Stacking 65-sheet Staple/Saddle Stitch Finisher
MX-RB25N	Paper Pass Unit (required for MX-FN28/29/30/31)
MX-PN14B	3-Hole Punch Unit (requires MX-FN27N)
MX-PN15B	3-Hole Punch Unit (requires MX-FN28/29)
MX-PN16B	3-Hole Punch Unit (requires MX-FN30/31)
MX-SCX1	Staple Cartridge for MX-FN27N/28
AR-SC2	Saddle-stitch Staple Cartridge for MX-FN29
MX-SC11	Staple Cartridge for MX-FN30/31
MX-SC12	Saddle-stitch Staple Cartridge for MX-FN31
MX-TR19N	Right Side Exit Tray
MX-TR20	Job Separator Tray
MX-TU16	Center Exit Tray
MX-UT10	Utility Table
MX-EB18	Wireless LAN Adapter
MX-FX15	Fax Expansion Kit
MX-FWX1L	Internet Fax Kit
MX-PF10	Bar Code Font Kit
AR-SU1	Stamp Unit (requires AR-SV1 Stamp Cartridge)
AR-SV1	Stamp Cartridge
MX-AMX1L	Application Integration Module
MX-FR62U	Data Security Kit
DVENDFSV	Generic Vendor Interface Kit
Supplies	
MX-61NTBA	Black Toner Cartridge
MX-61NTCA	Cyan Toner Cartridge
MX-61NTMA	Magenta Toner Cartridge
MX-61NTYA	Yellow Toner Cartridge
MX-61NVBA	Black Developer
MX-61NVSA	Cyan/Magenta/Yellow Developer
MX-60NRSA	Drum

¹ Some features require optional equipment. See your local dealer.

² May vary depending on product configuration, machine settings and operating and/or environmental conditions.



SHARP ELECTRONICS CORPORATION
100 Paragon Drive, Montvale, NJ 07645
1-800-BE-SHARP • www.sharppusa.com

Sharp, Sharp OSA, Sharpdesk, My Sharp, and all related trademarks are trademarks or registered trademarks of Sharp Corporation and/or its affiliated companies. Microsoft, Office 365, Active Directory, Windows, Windows Server, Excel, PowerPoint, OneDrive, and SharePoint are trademarks or registered trademarks of Microsoft Corporation. Android, Chrome, Gmail, Google Drive and Chromebook are trademarks or registered trademarks of Google LLC. Adobe, the Adobe logo, PostScript, and PostScript 3 are either registered trademarks or trademarks of Adobe in the United States and/or other countries. Qualcomm DirectOffice is a product of Qualcomm Technologies, Inc. and/or its subsidiaries. Qualcomm is a trademark of Qualcomm Incorporated, registered in the United States and other countries. DirectOffice is a trademark of CSR Imaging US, LP, registered in the United States and other countries, used with permission. Amazon, Alexa, and all related logos and motion marks are trademarks of Amazon.com, Inc. or its affiliates. All other trademarks are the property of their respective owners. Design and specifications subject to change without notice.

SHARP®

ADVANCED SERIES COLOR DOCUMENT SYSTEMS



MX-3071S
MX-3571S
MX-4071S



"2019 Copier MFP Line of the Year"
"New to the Line"

The Sharp Color Advanced Series document systems deliver cutting-edge integration and powerful productivity.

DESIGNED FOR THE TECHNOLOGY-DRIVEN WORKPLACE

advanced

The Sharp MX-3071S, MX-3571S and MX-4071S Advanced Series color document systems are built using the latest technology available to deliver the performance, features and reliability needed in today's busy workplace environments. These MFPs are also easy to use and offer enhanced productivity, all to provide customers with a seamless, intuitive experience, and the confidence in knowing their jobs will come out right the first time, every time. The Color Advanced Series also offers leading-edge security features to help businesses protect their data and personal information.

Key Features

- **Ease of Use** – Award-winning touchscreen display offers a user-friendly graphical interface with simplified Easy Modes, integrated user guides and quick access to network services. With the Sharp **MFP Voice** feature available for these models, you can interact with the machine with the power of natural language.
- **Productive Features** – Standard full multifunction capability out-of-box, including copying, network printing and color network scanning, combines with the Sharp Color Consistency System for long-lasting high-quality output page after page.
- **Workplace Friendly** – Integrates seamlessly with today's complex network environments, and supports popular cloud services and mobile technologies. And with the Sharp **Application Portal** administrators can add new apps or update existing apps right from the MFP.

The MX-3071S, MX-3571S and MX-4071S Color Advanced Series offers businesses powerful multitasking features, enabling them to quickly execute the ever-changing workflow tasks of today's busy offices.



POWERFUL PERFORMANCE, STRONG PRODUCTIVITY



An advanced design plus multifunctional capability allow you to meet tomorrow's business needs today.

- Standard 150-sheet **duplexing single-pass document feeder** scans documents at speeds up to 220 images per minute (ipm).
- **Flexible paper handling** supports media up to 110 lb. cover (300 gsm) and feeds up to 12" x 18" through the paper trays, allowing users to print on a wide variety of media.
- Available Sharp **MFP Voice** feature enables users to control the device with simple verbal commands. Experience hands-free, voice-first interaction with **Amazon Alexa**.
- Network-ready **PCL® 6** and **Adobe® PostScript® 3™** printing systems ensure your documents print with the clarity and formatting you expect.
- Easily **convert documents** to popular Microsoft® file formats as well as a variety of PDF formats, with standard OCR (optical character recognition) capabilities.

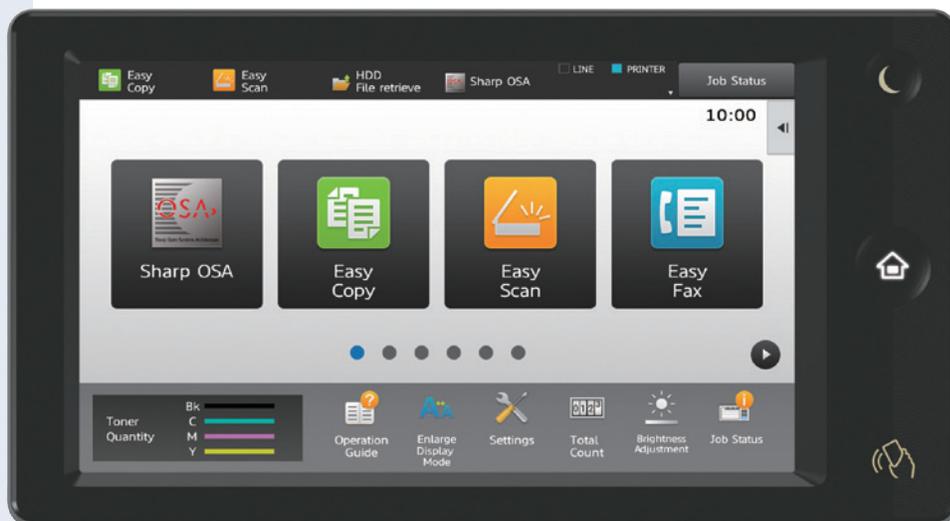
EASY TO USE

PRODUCTIVE FEATURES

WORKPLACE FRIENDLY



"PaceSetter Award in Ease of Use 2018-2019"



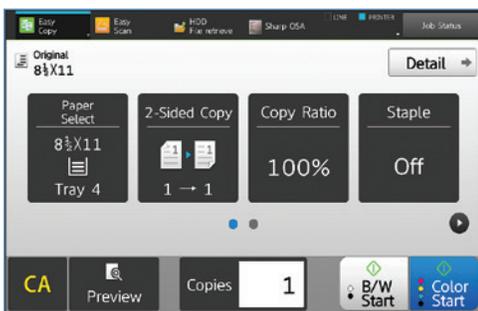
- Award-winning 10.1" (diagonally-measured) **customizable touchscreen display** with a clean design enables easy access to features and functions when setting up jobs.
- **Built-in walk-up motion sensor** automatically detects approaching users and immediately wakes the machine, making it ready for use within seconds.
- Access popular cloud services, such as Microsoft OneDrive™ for Business, SharePoint® Online, Google Drive™, Dropbox and more with the Sharp **Cloud Connect** feature.
- Pantone Licensing on these models offers unprecedented levels of color fidelity to the **PANTONE MATCHING SYSTEM®**.
- **Multi-layered, leading-edge security features** provide enhanced protection while an End-of-Lease feature can erase all data and personal information at time of trade-in.



Built-in retractable keyboard simplifies email address and subject line entries as well as repetitive scanning tasks and user authentication.



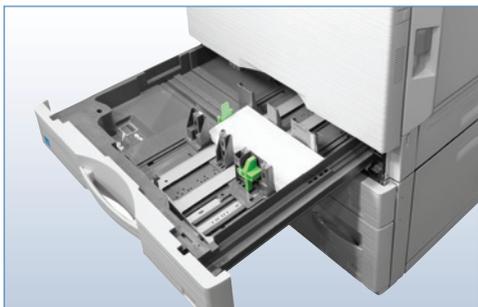
ENHANCED FUNCTIONALITY – INTUITIVE DESIGN



Easy Copy Screen offers the most commonly used settings.



MX-4071S shown in both a compact configuration with inner finisher and full configuration with saddle stitch finisher and large capacity cassette.



Feeds up to 50 envelopes from the standard paper tray.

From paper handling to networking, the MX-3071S, MX-3571S and MX-4071S Color Advanced Series will exceed your expectations.

Simple and Intuitive Operation

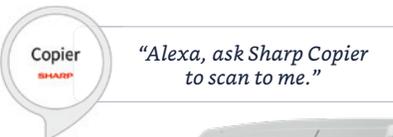
From the most basic of copy functions, to the most complex scan jobs, the Color Advanced Series will perform them with ease and efficiency. Use one of the **Easy Modes** for fast, simple operation, with basic functions displayed in **large, clearly-labeled tiles** and keys. Easy Modes are available for the standard copy and scan functions, as well as for the optional fax expansion kit. And for more advanced features, just touch the “Detail” button—it’s that easy.

The Productivity You Need with the Performance You Want

When it’s time to get the job done, the Advanced Series color document systems are outstanding performers. Quickly scan documents at speeds up to **220 ipm**. Then use the **manual stapling feature** on select finishers to restaple your originals. **Multiple finishing options** give you the output you require, be it stacked, stapled, or saddle-stitched. There’s even an available built-in **stapleless finishing** feature, which can bind up to five sheets of paper by adding a crimp to the corner of the set, saving regular staples for larger sets. These models also feed up to 50 envelopes from the standard paper tray.*

Experience Hands-free, Voice-first Interaction at the MFP with Alexa

Sharp has always been known for enhancing MFP productivity in the workplace by offering innovative, easy-to-use features. Sharp has done it again with the **MFP Voice feature** available for the Color Advanced Series document systems. With the Sharp MFP Voice feature, you can interact with the machine just by using the power of natural language. With simple voice commands, you can ask the Sharp document system to make copies or scan a document.



MX-4071S shown with available Sharp MFP Voice feature with Alexa.

*See specifications for a list of supported envelopes.

HIGH IMPACT VERSATILITY AND SCALABILITY

The MX-3071S/3571S/4071S Advanced Series color document systems provide high-performance functionality that easily adapts to your business needs.

innovative features

Duplexing Single Pass Feeder (DSPF)

Standard 150-sheet dual head document feeder scans both sides of a document in a single pass, and a built-in indicator light flashes to remind you to take your originals.

Built-in Retractable Keyboard

Full-size QWERTY keyboard enables easy data entry.

In-line Stapling

Produce professional-looking corner-staple or edge-staple documents up to 65 pages.

Manual Stapler

Manual stapling feature makes it easy to re-staple originals after scanning.

Saddle Stitch Finishers

Make high quality booklets up to 80 pages.

Convenient Mobile Connectivity

Scanning and printing from mobile devices is made quick and easy with the available Sharpdesk Mobile App.

Easy-to-Use Smart Touchscreen

Award-winning, tablet-style menu provides quick access to features and functions.

High Quality Printing

1,200 x 1,200 dpi resolution produces razor-sharp documents. Adobe PostScript 3 drivers offer extensive job control.

Hands-free Operation

The available MFP Voice feature enables users to control the device using simple verbal commands with Alexa.

Walk-up Motion Sensor

Detects walk-up users and wakes the machine from sleep mode, making it ready for use within seconds.

Easily Access Popular Cloud Applications

With the Cloud Connect feature, users gain access to Microsoft OneDrive, Google Drive, Dropbox and more. The Sharp Application Portal will make it easy for administrators to add or update apps right from the MFP control panel.

Multi-layered Security Features

Leading-edge security features provide enhanced protection of data and personal information and helps protect against network intrusions.

Advanced Finishing

Sharp gives you a choice of five high-performance finishers to give your documents a professional look. Choose from a compact inner finisher to a high capacity, floor-standing saddle stitch finisher.

Flexible Paper Handling

Paper drawers feed up to 12" x 18" and support media up to 300 gsm. Also feeds up to 50 envelopes through the standard paper tray.* A variety of paper tray options are available, including a large capacity cassette and split tandem paper drawers.

Large Capacity Cassette

Large capacity cassette option adds an additional 3,000 sheets of paper for a total on-line capacity of up to 6,300 sheets.



The Sharp Color Consistency System combines Micro-fine Toner with Developer Refresh and advanced Image Process Control. These processes help ensure color output is always at peak performance.

* See specifications for a list of supported envelopes.



ENHANCED COLLABORATION FOR STREAMLINED WORKFLOWS



Access popular cloud applications, distribute files and print documents more easily.

Powerful document workflow solutions help you work more efficiently.

Distribute, Access and Print Your Documents with Ease

Sharp makes it easy to go beyond traditional network scanning with standard **Email Connect** and **Cloud Connect** features. With **Email Connect**, scan to email is seamlessly integrated with Microsoft Exchange/Office 365[®] and Gmail[™] user accounts, making it easy to identify the sender of scanned files. With Cloud Connect, users can easily scan-to and print-from **Microsoft OneDrive for Business, SharePoint Online, Google Drive, Box and Dropbox**. And with the Sharp Application Portal, administrators will be able to **easily add new apps** and update existing apps right from the MFP touchscreen panel.



Scan and Print Files Easily from Mobile Devices

The Advanced Series color document systems also make it easy to scan and print files from tablets and smart phones using **Sharpdesk Mobile**, a free downloadable app available for most mobile devices.* These models also support popular mobile technologies such as **Android™ print framework**. With optional **wireless networking**, users can also print directly to the MFP from mobile devices without interfering with the corporate network!



Scan and convert documents to popular file types seamlessly with the Sharp built-in OCR function.

Simplify Managing Different File Types with Intelligent Image Processing

With standard OCR capabilities, users can easily scan and convert documents to popular file formats including Microsoft Word, PowerPoint and Excel, as well as Searchable PDF, Encrypted PDF and others. You can even directly print these same file types from thumb drives, cloud applications and mobile devices. This function is enabled via Qualcomm DirectOffice technology. These models also support **Adobe Embedded Print Engine**, which direct prints PDF files with greater accuracy and performance.

Flexible Printing Solutions Help Maximize Productivity

Standard PCL 6 and Adobe PostScript 3 printing systems to help you speed through all of your output needs. The Sharp **Serverless Print Release** feature enables users to securely print a job and release it from up to six supported models on your network.* Microsoft Universal Print eliminates the need for on-premises infrastructure, and enables IT to manage printers directly through a centralized portal.

Simplify Complex Business Workflows with Sharp OSA[®] Technology

Sharp OSA technology can help your business leverage the power of your network applications, back-end systems and cloud services. Easily automate complex processes and help eliminate redundant tasks. Talk to your authorized Sharp dealer to see how they can help you implement a streamlined workflow solution.



Standard Serverless Print Release enables users to securely print a job and release it from up to six supported models on the same network.

*Go to www.sharppusa.com for a list of supported equipment and operating systems.

TAKING CARE OF BUSINESS SAFELY AND SECURELY

Manage your device, help safeguard your data, help protect your business.

To help protect employees' privacy and intellectual property, the Color Advanced Series is armed with leading-edge, **multi-layered security features**, including **Firmware Attack Prevention and Self Recovery**, which can help identify a malicious intrusion and restore the machine firmware to its original state. The **Application Whitelisting** feature detects access attempts to the machine file system and denies access if the source data is not on the white list. **Authority Groups** help manage and restrict copying, printing and scanning features to safeguard data and control costs. Administrators can also apply **Active Directory® Group Policy** to the device, which offers centralized configuration and control. **Confidential Printing** helps ensure sensitive documents are kept safe by requiring users to enter a PIN code to print them. These models also support Active Directory user authentication and secure **Single Sign-On**. **Integrated ID card authentication** is also available.* When you are ready to trade the machine in, a convenient **End-of-Lease** feature can erase all data and personal information, as well as print a confirmation report.



These scalable security offerings aim to help protect your confidential and personal information, as well as help your business meet regulatory requirements. For additional information visit: www.sharppusa.com/security.

*Some features require optional equipment and/or software.



With **Sharp Remote Device Manager (SRDM)**, administrators can take control of system features and simplify installation and management. SRDM makes it easy to view service logs, click counts, history reports and more. Event-driven service alerts help monitor the device and maximize uptime. The centrally managed **security dashboard** monitors security settings and can automatically reset the security policy if changed locally at the machine. Also, **Centralized Admin Password Management** and **Centralized Power Management** make it easy to deploy changes when needed. The **Remote Front Panel** feature enables administrators to control the machine's LCD panel from a PC to troubleshoot issues and train operators. Sharp also offers both **built-in** and additional **auditing hardware and software to control, access and track usage** of each device on the network.* And with **My Sharp™**, you get a dedicated training website customized to your Advanced Series model to help you understand all of the features.



ENVIRONMENTAL COMMITMENT



An Environmentally Responsible Approach to Product Design

Sharp is committed to environmental sustainability and corporate responsibility including planning, design, manufacturing, distribution and product end-of-life management. The Color Advanced Series adhere to the Sharp Green Products Guidelines in pursuit of these commitments. These guidelines include designing products that consume less power, using recycled materials, reducing the amount of material used in products and packaging, and labeling the type of materials used. Sharp also aims to design products that are upgradable, easy to repair and easy to take apart for recycling.

The MX-3071S/3571S/4071S document systems are ENERGY STAR® qualified and RoHS compliant to restrict the use of hazardous substances. These products also have low TEC values. Sharp MFPs are EPEAT® registered.



Toner Recycling Program

As part of our commitment to help preserve the environment, Sharp offers zero-waste-to-landfill recycling for Sharp consumables at no cost to our customers. This program includes cartridges, bottles, toner collection containers and drum units. Sharp encourages customers to recycle their used Sharp toner cartridges in bulk by providing them with a pre-paid recycling kit for their return to our facility.

Environmental Leadership

As a testament to our commitment to the environment, Sharp is a multi-year winner of the ENERGY STAR annual Excellence in Energy Proficiency Product Design. Sharp is also a multi-year winner of the SmartWay® Excellence Award which recognizes companies for conserving energy and lowering greenhouse gas emissions in logistics and transportation.

For more information about Sharp's environmental leadership including information about energy efficient products, electronics or toner cartridge recycling, please visit www.sharppusa.com/environment.

MX-3071S/3571S/4071S SPECIFICATIONS

Main Specifications

MX-3071S/3571S/4071S	Base models include multitasking controller, 150-sheet DSPF, PCL® 6 and Adobe PostScript® 3™ printing systems, network scanning, auto duplexing, 1 x 550-sheet paper drawer, 100-sheet bypass tray. Black and color developer is included.
Type	Color multi-function digital document system
Display	10.1" (diagonally measured) color dot matrix high-resolution touch panel tilting display. 1,024 x 600 dots (W-SVGA)
Functions	Copy, print, network print, network scan, document filing and fax ¹
Copy System	Dry electrostatic transfer/Dual component developer/Magnetic brush development/OPC drums/Belt fusing/white LED exposure
Originals	Sheets and bound documents
Max. Original Size	11" x 17"
Output Size	Min. 5½" x 8½", Max. 12" x 18"
Copy Speed	30/35/40 ppm Mono/Color (8½" x 11")
Multiple Copy	Max. 9,999 copies
First Copy Time (In Seconds)²	Platen Glass: Mono 4.7, Color 6.7 DSPF: Mono 7.3, Color 10.0
Warm Up Time	33 seconds (from main power switch on), 20 seconds (from [Power] button on)
Magnification	25% to 400% in 1% increments (with DSPF 25%-200%)
Original Feed	150-sheet DSPF with original size detection
Scan Speed	Copy: Up to 220 ipm (Mono)/110 ipm (Color) Scan: Up to 220 ipm (Mono/Color)
Original Sizes	5½" x 8½", 8½" x 11", 8½" x 11" R, 8½" x 14", 11" x 17"
Paper Capacity	Standard: 650 Sheets/Maximum: 6,300 Sheets
Paper Feed System	Standard: (1) paper drawer 550 sheets (letter/legal/ledger/stmt. size) or up to 50 envelopes (max. height: 25 mm), 100-sheet (or 20 envelope) bypass tray. Optional: Single, double, or triple paper drawer(s) (550, 1,100, or 1,650 sheets), split tandem paper drawers 2,100 sheets (letter) + (1) 550-sheet paper drawer (letter/legal/ledger/statement size).
Paper Weights and Types	Paper drawers: 18 lb. bond to 110 lb. cover. Drawer 1: 20-24 lb. bond or Monarch/Com-9 envelopes. Split Tandem Drawers: 18 lb. bond to 28 lb. bond or plain, pre-printed, recycled, pre-punched, letterhead and color paper. Bypass tray: 16-28 lb. bond (plain paper), 13-16 lb. bond (thin paper), 28 lb. bond-110 lb. cover (heavy paper), tab paper (letter) and Monarch/Com-10 envelopes. Also label, gloss, preprinted, recycled, pre-punched, letterhead and color paper or OHP film.
Duplexing	Standard automatic duplex copying and printing
CPU	Up to 1.4 GHz multi-processor design
Interface	10/100/1000 Base-T Ethernet, USB 2.0: 2 host ports (front & rear), 1 device port (rear), opt. wireless 802.11 b/g/n
Memory	Standard 5 GB copy/print (shared)
Hard Disk Drive	500 GB
Copy Resolution	Scan: 600 x 600 dpi (Mono/Color) Output: Up to 1200 x 1200 dpi (Mono), up to 600 x 600 dpi (Color)
Color Modes	Auto Color Selection (ACS), Full Color Mode, Monochrome (B/W)
Exposure Control Modes	Automatic, Text, Text/Photo, Text/Printed-Photo, Printed-Photo, Photo, Map, Pale-Color Document Settings: Auto or 9 step manual
Halftone	256 gradations/2 levels (monochrome)
Copy Features	Scan-Once Print-Many, electronic sorting, offset-stacking, Auto Color Selection (ACS), Auto Paper Selection (APS), Auto Magnification Selection (AMS), Auto Tray Switching (ATS), black-white reversal, blank page skip, book copy, book divide, card shot, center erase, centering, cover pages, dual page copy, edge erase, image edit, image preview, insert pages, job build, job programs, margin shift, mirror image, mixed size original, multi-page enlargement, original count, pamphlet style, proof copy, repeat layout, reserve copy, rotated copy, stamp, stamp custom image, suppress background, tab copy, tab-paper insertion, tandem copy, toner save mode, transparency inserts, watermark, 2-in-1 / 4-in-1 / 8-in-1 multi shot
Account Control	Up to 1,000 users. Supports user-number authentication via local, LDAP and Active Directory for copy, print, scan and document management

Main Specifications (continued)

Output Tray Capacity	Center Exit Tray (Main): 250 sheets (face down) Job Separator (Upper Tray): 100 sheets (face down) Right Side Exit Tray: 100 sheets (face down)
Cloud Supported Services	Google Drive, Box, OneDrive for Business, SharePoint Online, Dropbox, Office 365, Gmail
Network Protocols	TCP/IP (IPv4, IPv6, IPsec), HTTP/HTTPS, IPP/IPP-SSL, FTP/FTPS, SNNPv3, SMTP/SMTP-SSL, POP3/POP3-SSL, LDAP/LDAP-SSL, 802.1x for Windows and Unix.
Network and Data Security	Includes IP/MAC address filtering, protocol filtering, port control, user authentication (local/LDAP/Active Directory), TLS Encryption, Kerberos support
Firmware Management	Flash ROM with local (USB), network update capability and firmware update 1 to N with SRDM (Sharp Remote Device Manager)
Device Setup Service/Functions	Web-based management with user/admin level login Remote Front Panel, remote access to service logs and click counts
Accessibility Features	Free stop tilting front panel, adjustment of key touch sound and speed, concave key, document feeder free stop, job programs, remote front panel, universal grip for paper trays, disable screen timeout and voice interaction
Environmental Standards	International Energy Star Program Ver. 2.0, European RoHS, Blue Angel (RAL-UZ205)
Power Source	110-127 V AC, 60 Hz, 15 A Receptacle
Power	1.5 kW or less
Consumption	
Weight	Approx. 191 lbs.
Dimensions	Approx. 24" (w) x 26" (d) 33" (h)
Network Printing System	
PDL	Standard PCL 6, Adobe PostScript 3
Resolution	1200 x 1200 dpi
Print Speed	30/35/40 pages per minute (8½" x 11")
Print Drivers	Windows® 7, Windows 8.1, Windows 10, Windows Server® 2008, Windows Server 2012, Windows Server 2016, Windows PPD, Mac® OS X® (including 10.6 to 10.14), all Mac PPD, UNIX®, Linux®, Universal Print (requires Microsoft connector)
Mobile Printing¹	Android printing framework (Sharp Print Service Plugin), Sharpdesk Mobile
Print Features	Auto configuration, serverless print release, chapter inserts, confidential print, continuous printing, custom image registration, document control, document filing, duplex printing, electronic sorting, form overlay, hidden pattern print, image rotation, job bypass print, job retention, layout print, margin shift, multiple pamphlet, network tandem print, N-up printing, offset stacking, page interleave, pamphlet style, poster print, proof print, print and send, tab paper print, tab printing, transparency inserts, tray status, user authentication single sign-on, watermarks, zoom print
Direct Printing	File Types: TIFF, JPEG, PCL, PRN, TXT, PNG, PDF, Compact PDF, Encrypted PDF, PS, DOCX, XLSX and PPTX. Methods: FTP, SMB, Web page, Email and USB memory. Adobe Embedded Print Engine support for PDF file formats.
Resident Fonts	80 outline fonts (PCL), 139 fonts (PS)
Interface	RJ-45 Ethernet 10/100/1000 Base-T, USB 2.0, opt. wireless
Operating Systems and Environments	Windows 7, Windows 8, Windows 10, Windows Server 2008, Windows Server 2012, Windows Server 2016, Chrome®, Mac OS X10.6-10.14, Unix®, Linux®, Citrix®, and SAP device types ¹
Printing Protocols	LPR, IPP, IPPS, Raw TCP (port 9100), FTP, POP3, POP3S, HTTP, HTTPS, and LPR and LPD for Unix
Network Scanning System	
Scan Modes	Standard: Color, monochrome, grayscale
Max. Original Size	11" x 17"
Optical Resolution	600 dpi
Output Modes	600 dpi, 400 dpi, 300 dpi, 200 dpi, 150 dpi, 100 dpi
Image	Monochrome Scanning: Uncompressed, G3 (MH), G4 (MR/MMR)
Compression	Color/Grayscale: JPEG (high, middle, low) Internet Fax mode: MH/MMR (option) ¹

Network Scanning System (continued)

Image Formats	Monochrome: TIFF, PDF, PDF/A, Encrypted PDF, XPS, Searchable PDF, DOCX, XLSX, PPTX, TXT, and RTF. Color/Grayscale: TIFF, JPEG, PDF, PDF/A, Compact PDF, Encrypted PDF, XPS, Searchable PDF, DOCX, XLSX, PPTX, TXT, and RTF. Internet Fax: TIFF-FX, TIFF-F, TIFF-S ¹
Scan Destinations	Email, Desktop, FTP, Folder (SMB), USB, Internet fax (option), Super G3 fax (option)
One-touch Destinations	Up to 2,000 (combined scan destinations)
Group Destinations	Up to 500
Programs	48 (combined)
Max. Jobs	Up to 100
Enhanced Email Integration	Standard Gmail connector, standard Exchange connector
Scanning Protocols	HTTP/HTTPS, FTP/FTPS, SMTP/SMTP-SSL/ESMTP, SMB, POP3, LDAP, S/MIME

Optional Equipment

MX-60ABD	Deluxe Copier Cabinet Base (with front door)
MX-DE25N	Stand/1 x 550-sheet Paper Drawer
MX-DE26N	Stand/2 x 550-sheet Paper Drawers
MX-DE27N	Stand/3 x 550-sheet Paper Drawers
MX-DE28N	Stand/1 x 550 + 2,100-sheet Split Tandem Paper Drawers
MX-DE29N	Low Stand/1 x 550-sheet Paper Drawer
MX-LC17N	3,000-sheet Large Capacity Cassette (letter, requires MX-DE25N/26N/27N/28N)
MX-LT10	Long Paper Feeding Tray
MX-FN27N	50-sheet Staple Inner Finisher
MX-FN28	1K Stacking 50-sheet Staple Finisher
MX-FN29	1K Stacking 50-sheet Staple/Saddle Stitch Finisher
MX-FN30	3K Stacking 65-sheet Staple Finisher
MX-FN31	3K Stacking 65-sheet Staple/Saddle Stitch Finisher
MX-RB25N	Paper Pass Unit (required for MX-FN28/29/30/31)
MX-PN14B	3-Hole Punch Unit (requires MX-FN27N)
MX-PN15B	3-Hole Punch Unit (requires MX-FN28/29)
MX-PN16B	3-Hole Punch Unit (requires MX-FN30/31)
MX-SCX1	Staple Cartridge for MX-FN27N/28
AR-SC2	Saddle-stitch Staple Cartridge for MX-FN29
MX-SC11	Staple Cartridge for MX-FN30/31
MX-SC12	Saddle-stitch Staple Cartridge for MX-FN31
MX-TR19N	Right Side Exit Tray
MX-TR20	Job Separator Tray
MX-TU16	Center Exit Tray
MX-UT10	Utility Table
MX-EB18	Wireless LAN Adapter
MX-FX15	Fax Expansion Kit
MX-FWX1L	Internet Fax Kit
MX-PF10	Bar Code Font Kit
AR-SU1	Stamp Unit (requires AR-SV1 Stamp Cartridge)
AR-SV1	Stamp Cartridge
MX-AMX1L	Application Integration Module
MX-FR62U	Data Security Kit
DVENDFSV	Generic Vendor Interface Kit

Supplies

MX-61NTBA	Black Toner Cartridge
MX-61NTCA	Cyan Toner Cartridge
MX-61NTMA	Magenta Toner Cartridge
MX-61NTYA	Yellow Toner Cartridge
MX-61NVBA	Black Developer
MX-61NVSA	Cyan/Magenta/Yellow Developer
MX-60NRSA	Drum

¹ Some features require optional equipment. See your local dealer.

² May vary depending on product configuration, machine settings and operating and/or environmental conditions.



SHARP ELECTRONICS CORPORATION
100 Paragon Drive, Montvale, NJ 07645
1-800-BE-SHARP • www.sharpusa.com

Sharp, Sharp OSA, Sharpdesk, My Sharp, and all related trademarks are trademarks or registered trademarks of Sharp Corporation and/or its affiliated companies. Microsoft, Office 365, Active Directory, Windows, Windows Server, Excel, PowerPoint, OneDrive, and SharePoint are trademarks or registered trademarks of Microsoft Corporation. Android, Chrome, Gmail, Google Drive and Chromebook are trademarks or registered trademarks of Google LLC. Adobe, the Adobe logo, PostScript, and PostScript 3 are either registered trademarks or trademarks of Adobe in the United States and/or other countries. Qualcomm DirectOffice is a product of Qualcomm Technologies, Inc. and/or its subsidiaries. Qualcomm is a trademark of Qualcomm Incorporated, registered in the United States and other countries. DirectOffice is a trademark of CSR Imaging US, LP, registered in the United States and other countries, used with permission. Amazon, Alexa, and all related logos and motion marks are trademarks of Amazon.com, Inc. or its affiliates. All other trademarks are the property of their respective owners. Design and specifications subject to change without notice.

SHARP®

ESSENTIALS SERIES COLOR DOCUMENT SYSTEMS



MX-2651
MX-3051
MX-3551
MX-4051



"2019 Copier MFP Line of the Year"

The New Sharp Color Essentials Series document systems deliver versatile workflow features, enhanced integration and strong value.

DESIGNED FOR THE TECHNOLOGY-DRIVEN WORKPLACE

essentials

The Sharp MX-2651, MX-3051, MX-3551, and MX-4051 Essentials Series color document systems are built using the latest technology available to deliver the performance, features and reliability needed in today's busy workplace environments. These new MFPs are also easy to use and offer enhanced productivity, all to provide customers with a seamless, intuitive experience, and the confidence in knowing their jobs will come out right the first time, every time. The new Color Essentials Series also offers leading-edge security features to help businesses protect their data and personal information.

Key Features

- **Ease of Use** – Award-winning touchscreen display offers a user-friendly graphical interface with simplified Easy Modes, integrated user guides and quick access to network services. With Sharp's new **MFP Voice** feature available for these models, you can interact with the machine with the power of natural language.
- **Productive Features** – Standard full multifunction capability out-of-box, including copying, network printing and color network scanning, combines with Sharp's Color Consistency System for long-lasting high-quality output page after page.
- **Workplace Friendly** – Integrates seamlessly with today's complex network environments, and supports popular cloud services and mobile technologies. And with Sharp's new **Application Portal** administrators can add new apps or update existing apps right from the MFP.

The new MX-2651, MX-3051, MX-3551, and MX-4051 Color Essentials Series document systems are feature-rich and offer businesses powerful multitasking features at a strong value.



POWERFUL PERFORMANCE, STRONG PRODUCTIVITY



EASY TO USE

PRODUCTIVE FEATURES

WORKPLACE FRIENDLY



"PaceSetter Award in
Ease of Use 2018-2019"

A feature-rich multifunction document system that is also cost-effective.

- Standard 100-sheet **reversing single-pass document feeder** scans documents at speeds up to 80 images per minute (ipm).
- **Flexible paper handling** supports media up to 110 lb. cover (300 gsm) and feeds up to 12" x 18" through the paper trays, allowing users to print on a wide variety of media, including envelopes through the standard paper tray and bypass tray.
- Sharp's new **MFP Voice** feature enables users to control the device with simple verbal commands. Experience a hands-free, voice-first interaction with **Amazon Alexa**, available for these Essentials Series models.
- Network-ready **PCL® 6** and available **Adobe® PostScript® 3™** printing systems ensure your documents print with the clarity and formatting you expect.
- With the available OCR Expansion Kit, you can easily **convert documents** to popular **Microsoft®** file formats as well as a variety of **PDF formats**. You can also add options to **Direct Print** these same file types from thumb drives, cloud applications and more.*



- Award-winning 10.1" (diagonally measured) **customizable touchscreen display** with a clean design enables easy access to features and functions when setting up jobs.
- Pantone Licensing on these models offers unprecedented levels of color fidelity to the **PANTONE MATCHING SYSTEM®**.
- Access popular cloud services, such as Microsoft® OneDrive™ for Business, SharePoint® Online, Google Drive™, Dropbox and more with Sharp's available **Cloud Connect** feature. And with Sharp's new **Application Portal** administrators can add or update apps right from the MFP.
- Sharp's **Color Consistency System** delivers high quality color output and helps maintain optimum image balance and toner density page after page.
- **Multi-layered, leading-edge security features** provide enhanced protection and help businesses stay one step ahead of hackers and malicious network intruders. An End-of-Lease feature can erase all data and personal information at time of trade-in.

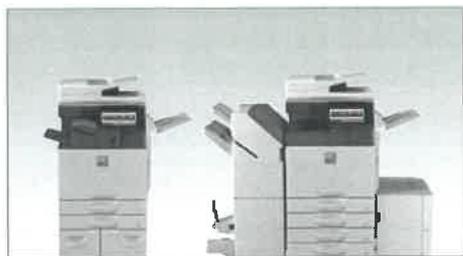
* This function is available via Qualcomm® DirectOffice™ technology.



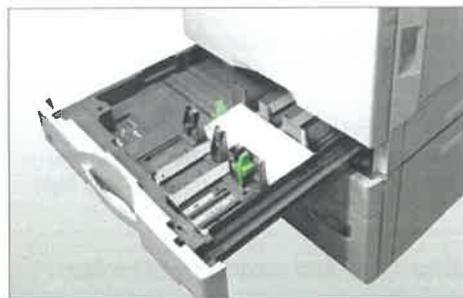
ENHANCED FUNCTIONALITY – INTUITIVE DESIGN



Easy Copy Screen offers the most commonly used settings.



MX-3051 shown in both a compact configuration with inner finisher and full configuration with saddle stitch finisher and large capacity cassette.



Feeds up to 50 envelopes from the standard paper tray.*

From paper handling to networking, the MX-2651/3051/3551/4051 Color Essentials Series will exceed your expectations.

Simple and Intuitive Operation

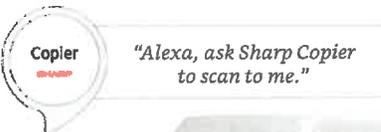
From the most basic of copy functions, to the most complex scan jobs, the Color Essentials Series will perform them with ease and efficiency. Use one of the **Easy Modes** for fast, simple operation, with basic functions displayed in **large, clearly-labeled tiles** and keys. Easy Modes are available for the standard copy and scan functions, as well as for the optional fax expansion kit. And for more advanced features, just touch the "Detail" button—it's that easy.

The Productivity You Need with the Performance You Want

When it's time to get the job done, the Essentials Series color document systems are outstanding performers. Quickly scan documents at speeds up to **80 ipm**. Then use the **manual stapling feature** on select finishers to restaple your originals. **Multiple finishing options** give you the output you require, be it stacked, stapled, or saddle-stitched. There's even an available built-in **stapleless finishing** feature, which can bind up to five sheets of paper by adding a crimp to the corner of the set, saving regular staples for larger sets. These models also feed up to 50 envelopes from the standard paper tray.*

Experience Hands-free, Voice-first Interaction at the MFP with Alexa

Sharp has always been known for enhancing MFP productivity in the workplace by offering innovative, easy-to-use features. Sharp has done it again with the new **MFP Voice feature** available for the new Color Essentials Series document systems. With Sharp's MFP Voice feature, you can interact with the machine just by using the power of natural language. With simple voice commands, you can ask the Sharp document system to make copies or scan a document.



MX-4051 shown with available Sharp MFP Voice feature with Alexa.

*See specifications for a list of supported envelopes.

HIGH IMPACT VERSATILITY AND SCALABILITY

The MX-2651/3051/3551/4051 Essentials Series color document systems provide high-performance functionality that easily adapts to your business needs.

innovative features

Reversing Single Pass Feeder (RSPF)

Standard 100-sheet reversing document feeder scans up to 80 ipm.

Convenient Wireless Networking

Scanning and printing from mobile devices is made quick and easy with the available Sharpdesk Mobile App.

Easy-to-Use Smart Touchscreen

Award-winning, tablet-style menu provides quick access to features and functions.

High Quality Printing

600 x 600 dpi resolution produces razor-sharp documents. Available Adobe PostScript 3 drivers offer extensive job control.

In-line Stapling

Produce professional-looking corner-staple or edge-staple documents up to 65 pages.

Manual Stapler

Manual stapling feature makes it easy to re-staple originals after scanning.

Saddle Stitch Finishers

Make high quality booklets up to 80 pages.

Hands-free Operation

The available MFP Voice feature enables users to control the device using simple verbal commands with Alexa.

Easily Access Popular Cloud Applications

With the available Cloud Connect feature, users gain access to Microsoft OneDrive, Google Drive, Dropbox and more. Sharp's new Application Portal will make it easy for administrators to add or update apps right from the MFP.

Multi-layered Security Features

Leading-edge security features provide enhanced protection of data and personal information and helps protect against network intrusions.

Advanced Finishing

Sharp gives you a choice of five high-performance finishers to give your documents a professional look. Choose from a compact inner finisher to a high capacity, floor-standing saddle stitch finisher.

Flexible Paper Handling

Paper drawers feed up to 12" x 18" and support media up to 300 gsm. Also feeds up to 50 envelopes through the standard paper tray.* A variety of paper tray options are available, including a large capacity cassette and split tandem paper drawers for a total on-line capacity of 6,300 sheets.



Sharp's Color Consistency System combines Micro-fine Toner with Developer Refresh and advanced Image Process Control. These processes help ensure color output is always at peak performance.

* See specifications for a list of supported envelopes.



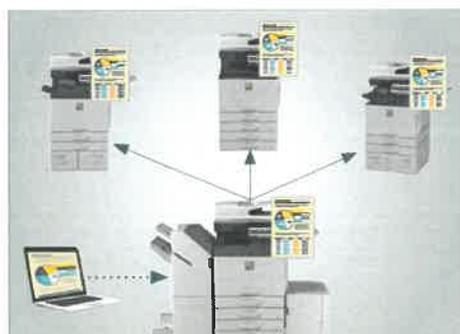
ENHANCED COLLABORATION FOR STREAMLINED WORKFLOWS



Access popular cloud applications, distribute files and print documents more easily.



Scan and convert documents to popular file types with optional OCR Expansion Kit.



Standard Serverless Print Release enables users to securely print a job and release it from up to six supported models on the same network.

Expandable workflow solutions that can grow as your business needs change.

Distribute, Access and Print Your Documents with Ease

Sharp makes it easy to go beyond traditional network scanning with optional **Email Connect** and **Cloud Connect** features. With Email Connect, scan to email is seamlessly integrated with Microsoft Exchange/Office 365® and Gmail™ user accounts, making it easy to identify the sender of scanned files. With Cloud Connect, users can easily scan-to and print-from **Microsoft OneDrive for Business, SharePoint Online, Google Drive, Box and Dropbox**. And with Sharp's new Application Portal, administrators will be able to easily add new apps and update existing apps right from the MFP touchscreen panel.



Scan and Print Files Easily from Mobile Devices

The Essentials Series color document systems also make it easy to scan and print files from tablets and smart phones using **Sharpdesk Mobile**, a free downloadable app available for most mobile devices.¹ These new models also support popular mobile technologies such as **Apple® Airprint®**, **Android™ print framework** and **Google Cloud Print™**.² With optional **wireless networking**, users can also print directly to the MFP from mobile devices without interfering with the corporate network!²

Simplify Managing Different File Types with Intelligent Image Processing

With the optional OCR Expansion Kit, users can easily scan and convert documents to popular file formats including Microsoft Word, PowerPoint® and Excel®, as well as Searchable PDF, Encrypted PDF and others. You can even add additional options to directly print these same file types from thumb drives, cloud applications and mobile devices. This function is enabled via Qualcomm DirectOffice technology. The available PostScript 3 Expansion Kit supports the new **Adobe Embedded Print Engine**, which direct prints PDF files with greater accuracy and performance.

Flexible Printing Solutions Help Maximize Productivity

Standard PCL 6 and optional Adobe PostScript 3 printing systems to help you speed through all of your output needs. Sharp's **Serverless Print Release** feature enables users to securely print a job and release it from up to six supported models on your network.¹ And with **Google Cloud Print**, you can send print jobs from Chromebook™ notebook computers, PCs and more from virtually anywhere.²

Simplify Complex Business Workflows with Sharp OSA® technology

Sharp OSA technology can help your business leverage the power of your network applications, back-end systems and cloud services.² Easily automate complex processes and help eliminate redundant tasks. Talk to your authorized Sharp dealer to see how they can help you implement a streamlined workflow solution.



¹ Go to www.sharpsusa.com for a list of supported equipment and operating systems.

² Some features require optional equipment and/or software.

TAKING CARE OF BUSINESS SAFELY AND SECURELY

Manage your device, help safeguard your data, help protect your business.

To help protect employees' privacy and intellectual property, the new Color Essentials Series is armed with leading-edge, **multi-layered security features**, including **Firmware Attack Prevention and Self Recovery**, which can help identify a malicious intrusion and restore the machine firmware to its original state. The new **Whitelisting** feature detects access attempts to the machine file system and denies access if the source data is not on the white list. **Authority Groups** help manage and restrict copying, printing and scanning features to safeguard data and control costs. Administrators can also apply **Active Directory® Group Policy** to the device, which offers centralized configuration and control. **Confidential Printing** helps ensure sensitive documents are kept safe by requiring users to enter a PIN code to print them. These models also support Active Directory user authentication and secure **Single Sign-On**. **Integrated ID card authentication** is also available.* When you are ready to trade the machine in, a convenient **End-of-Lease** feature can erase all data and personal information, as well as print a confirmation report.



These scalable security offerings aim to help protect your confidential and personal information, as well as help your business meet regulatory requirements. For additional information visit: www.sharppusa.com/security.

* Some features require optional equipment and/or software.



With **Sharp Remote Device Manager (SRDM)**, administrators can take control of system features and simplify installation and management. SRDM makes it easy to view service logs, click counts, history reports and more. Event-driven service alerts help monitor the device and maximize uptime. The centrally managed **security dashboard** monitors security settings and can automatically reset the security policy if changed locally at the machine. Also, **Centralized Admin Password Management** and **Centralized Power Management** make it easy to deploy changes when needed. The **Remote Front Panel** feature enables administrators to control the machine's LCD panel from a PC to troubleshoot issues and train operators. Sharp also offers both **built-in** and additional **auditing hardware and software to control, access and track usage** of each device on the network.* And with **My Sharp™**, you get a dedicated training website customized to your Essentials Series model to help you understand all of the features.



ENVIRONMENTAL COMMITMENT



An Environmentally Responsible Approach to Product Design

Sharp is committed to environmental sustainability and corporate responsibility including planning, design, manufacturing, distribution and product end-of-life management. The color Essentials Series adhere to Sharp's Green Products Guidelines in pursuit of these commitments. These guidelines include designing products that consume less power, using recycled materials, reducing the amount of material used in products and packaging, and labeling the type of materials used. Sharp also aims to design products that are upgradable, easy to repair and easy to take apart for recycling.

The MX-2651/3051/3551/4051 document systems are ENERGY STAR® qualified and RoHS compliant to restrict the use of hazardous substances. These products also have low TEC values. Sharp MFPs are EPEAT® registered.



Toner Recycling Program

As part of our commitment to help preserve the environment, Sharp offers zero-waste-to-landfill recycling for Sharp consumables at no cost to our customers. This program includes cartridges, bottles, toner collection containers and drum units. Sharp encourages customers to recycle their used Sharp toner cartridges in bulk by providing them with a pre-paid recycling kit for their return to our facility.

Environmental Leadership

As a testament to our commitment to the environment, Sharp is a multi-year winner of the ENERGY STAR annual Excellence in Energy Proficiency Product Design. Sharp is also a multi-year winner of the SmartWay® Excellence Award which recognizes companies for conserving energy and lowering greenhouse gas emissions in logistics and transportation.

For more information about Sharp's environmental leadership including information about energy efficient products, electronics or toner cartridge recycling, please visit www.sharppusa.com/environment.

MX-2651/3051/3551/4051 SPECIFICATIONS

Main Specifications

MX-2651/3051/3551/4051	Base models include multitasking controller, 100-sheet RSPF and PCL 6 printing system, network scanning, auto duplexing, 1 x 550-sheet paper drawer, 100-sheet bypass tray. Black and color developer is included.
Type	Color multi-function digital document system
Display	10.1" (diagonally measured) color dot matrix high-resolution touch panel tilting display, 1,024 x 600 dots (W-SVGA)
Functions	Copy, print, network print, network scan, document filing and fax ¹
Copy System	Dry electrostatic transfer/Dual component developer/Magnetic brush development/OPC drums/Belt fusing/White LED exposure Sheets and bound documents
Originals	
Max. Original Size	11" x 17"
Output Size	Min. 5½" x 8½", Max. 12" x 18"
Copy Speed	26/30/35/40 ppm Mono/Color (8½" x 11")
Multiple Copy	Max. 9,999 copies
First Copy Time (In Seconds)²	Platen Glass: Mono 4.7, Color 6.7
Warm Up Time	RSPF: Mono 7.6, Color 9.7
	33 seconds (from main power switch on), 20 seconds (from [Power] button on)
Magnification	25% to 400% in 1% increments (with RSPF 25%-200%)
Original Feed	100-sheet RSPF with original size detection.
Scan Speed	Copy: Up to 80 ipm (Mono/53 ipm (Color))
	Scan: Up to 80 ipm (Mono/Color)
Original Sizes	5½" x 8½", 8½" x 11", 8½" x 11" R, 8½" x 14", 11" x 17"
Paper Capacity	Standard: 650 Sheets/Maximum: 6,300 Sheets
Paper Feed System	Standard: (1) paper drawer 550 sheets (letter/legal/ledger/stmt. size) or up to 50 envelopes (max. height: 25 mm), 100-sheet (or 20 envelope) bypass tray. Optional: Single, double, or triple paper drawer(s) (550, 1,100, or 1,650 sheets), split tandem paper drawers 2,100 sheets (letter) + (1) 550-sheet paper drawer (letter/legal/ledger/statement size).
Paper Weights and Types	Paper drawers: 18 lb. bond to 110 lb. cover. Drawer 1: 20-24 lb. bond or Monarch/Com-9 envelopes. Split Tandem Drawers: 18 lb. bond to 28 lb. bond or plain, pre-printed, recycled, pre-punched, letterhead and color paper. Bypass tray: 16-28 lb. bond (plain paper), 13-16 lb. bond (thin paper), 28 lb. bond-110 lb. cover (heavy paper), tab paper (letter) and Monarch/Com-10 envelopes. Also label, gloss, preprinted, recycled, pre-punched, letterhead and color paper or OHP film.
Duplexing	Standard automatic duplex copying and printing
GPU	Up to 1.4 GHz multi-processor design
Interface	10/100/1000 Base-T Ethernet, USB 2.0: 2 host ports (front & rear), 1 available device port (rear), opt. wireless 802.11 b/g/n
Memory	Standard 5 GB copy/print (shared)
Hard Disk Drive	500 GB
Copy Resolution	Scan: 600 x 600 dpi (Mono/Color) Output: Up to 600 x 600 dpi
Color Modes	Auto Color Selection (ACS), Full Color Mode, Monochrome (B/W)
Exposure Control Modes	Automatic, Text, Text/Photo, Text/Printed-Photo, Printed-Photo, Photo, Map, Pale-Color Document Settings: Auto or 9 step manual
Halftone	256 gradations/2 levels (monochrome)
Copy Features	Scan-Once Print-Many, electronic sorting, offset-stacking, Auto Color Selection (ACS), Auto Paper Selection (APS), Auto Magnification Selection (AMS), Auto Tray Switching (ATS), black-white reversal, blank page skip, book copy, book divide, card shot, center erase, centering, cover pages, dual page copy, edge erase, image edit, image preview, insert pages, job build, job programs, margin shift, mirror image, mixed size original, multi-page enlargement, original count, pamphlet style, proof copy, repeat layout, reserve copy, rotated copy, stamp, stamp custom image, suppress background, tab copy, tab-paper insertion, tandem copy, toner save mode, transparency inserts, watermark, 2-in-1 / 4-in-1 / 8-in-1 multi shot
Account Control	Up to 1,000 users. Supports user-number authentication via local, LDAP, and Active Directory for copy, print, scan and document management

Main Specifications (continued)

Output Tray	Center Exit Tray (Main): 250 sheets (face down)
Capacity	Job Separator (Upper Tray): 100 sheets (face down) Right Side Exit Tray: 100 sheets (face down)
Cloud Supported Services (Option)	Google Cloud Print, Google Drive, Box, OneDrive for Business, SharePoint Online, Dropbox, Office 365, Gmail
Network Protocols	TCP/IP (IPv4, IPv6, IPsec), HTTP/HTTPS, IPP/IPP-SSL, FTP/FTPS, SNMPv3, SMTP/SMTP-SSL, POP3/POP3-SSL, LDAP/LDAP-SSL, 802.1x for Windows and Unix.
Network and Data Security	Includes IP/MAC address filtering, protocol filtering, port control, user authentication (local/LDAP/Active Directory), TLS Encryption, Kerberos support
Firmware Management	Flash ROM with local (USB), network update capability and firmware update 1 to N with SRDM (Sharp Remote Device Manager)
Device Setup Service/Functions	Web-based management with user/admin level login Remote Front Panel, remote access to service logs and click counts
Accessibility Features	Free stop tilting front panel, adjustment of key touch sound and speed, concave key, document feeder free stop, job programs, remote front panel, universal grip for paper trays, and disable screen timeout
Environmental Standards	International Energy Star Program Ver. 2.0, European RoHS, Blue Angel (RAL-UZ205)
Power Source	110-127 V AC, 60 HZ, 15 A Receptacle
Power Consumption	1.5 kW or less
Weight	Approx. 173 lbs.
Dimensions	Approx. 24" (w) x 26" (d) 33" (h)
Network Printing System	
PDL	Standard PCL 6, optional Adobe PostScript 3
Resolution	600 x 600 dpi
Print Speed	26/30/35/40 pages per minute (8½" x 11")
Print Drivers	Windows® 7, Windows 8.1, Windows 10, Windows Server® 2008, Windows Server 2012, Windows Server 2016, Windows PPD, Mac® OS X® (including 10.6 to 10.14), all Mac PPD, Unix®, Linux®
Mobile Printing¹	Android printing framework (Sharp Print Service Plugin), Sharpdesk® Mobile, Google Cloud Print
Print Features	Auto configuration, serverless print release, chapter inserts, confidential print, continuous printing, custom image registration, document control, document filing, duplex printing, electronic sorting, form overlay, hidden pattern print, image rotation, job bypass print, job retention, layout print, margin shift, multiple pamphlet, network tandem print, N-up printing, offset stacking, page interleave, pamphlet style, poster print, proof print, print and send, tab paper print, tab printing, transparency inserts, tray status, user authentication single sign-on, watermarks, zoom print
Direct Printing	File Types: TIFF, JPEG, PCL, PRN, TXT, and PNG. Optional: PDF, Compact PDF, Encrypted PDF, PS, DOCX, XLSX and PPTX. Methods: FTP, SMB, Web page, Email and USB memory. PDF file formats support the Adobe Embedded Print Engine
Resident Fonts	80 outline fonts (PCL), 139 fonts (PS) (Host)
Interface	RJ-45 Ethernet 10/100/1000 Base-T, USB 2.0, Wireless
Operating Systems and Environments	Windows 7, Windows 8, Windows 10, Windows Server 2008, Windows Server 2012, Windows Server 2016, Chrome®, Mac OS X 10.6-10.14, Unix®, Linux®, Citrix®, and SAP device types ¹
Printing Protocols	LPR, IPP, PPS, Raw TCP (port 9100), FTP, POP3, POP3S, HTTP, HTTPS, and LPR and LPD for Unix
Network Scanning System	
Scan Modes	Standard: Color, monochrome, grayscale
Max. Original Size	11" x 17"
Optical Resolution	600 dpi
Output Modes	600 dpi, 400 dpi, 300 dpi, 200 dpi, 150 dpi, 100 dpi
Image	Monochrome Scanning: Uncompressed, G3 (MH), G4 (MR/MMR)
Compression	Color/Grayscale: JPEG (high, middle, low) Internet Fax mode: MH/MMR (option) ¹

Network Scanning System (continued)

Image Formats	Monochrome: TIFF, PDF, PDF/A, Encrypted PDF, and XPS Color/Grayscale: TIFF, JPEG, PDF, PDF/A, Compact PDF, Encrypted PDF, and XPS. Internet Fax: TIFF-FX, TIFF-F, and TIFF-S
Scan Destinations	Email, Desktop, FTP, Folder (SMB), USB, Internet fax (option), Super G3 fax (option)
One-touch Destinations	Up to 2,000 (combined scan destinations)
Group Destinations	Up to 500
Programs	48 (combined)
Max. Jobs	Up to 100
Enhanced Email Integration	Standard Gmail connector, standard Exchange connector
Software¹	Sharpdesk personal document management software, Network Scanner tool, Sharpdesk Mobile (download)
Optional Equipment	
MX-60ABD	Deluxe Copier Cabinet Base (with front door)
MX-DE25N	Stand/1 x 550-sheet Paper Drawer
MX-DE26N	Stand/2 x 550-sheet Paper Drawers
MX-DE27N	Stand/3 x 550-sheet Paper Drawers
MX-DE28N	Stand/1 x 550 + 2,100-sheet Split Tandem Paper Drawers
MX-DE29N	Low Stand/1 x 550-sheet Paper Drawer
MX-LC17N	3,000-sheet Large Capacity Cassette (letter, requires MX-DE25N/26N/27N/28N)
MX-LT10	Long Paper Feeding Tray
MX-FN27N	50-sheet Staple Inner Finisher
MX-FN28	1K Stacking 50-sheet Staple Finisher
MX-FN29	1K Stacking 50-sheet Staple/Saddle Stitch Finisher
MX-FN30	3K Stacking 65-sheet Staple Finisher
MX-FN31	3K Stacking 65-sheet Staple/Saddle Stitch Finisher
MX-RB25N	Paper Pass Unit (required for MX-FN28/29/30/31)
MX-PN14B	3-Hole Punch Unit (requires MX-FN27N)
MX-PN15B	3-Hole Punch Unit (requires MX-FN28/29)
MX-PN16B	3-Hole Punch Unit (requires MX-FN30/31)
MX-SCX1	Staple Cartridge for MX-FN27N/28
AR-SC2	Saddle-stitch Staple Cartridge for MX-FN29
MX-SC11	Staple Cartridge for MX-FN30/31
MX-SC12	Saddle-stitch Staple Cartridge for MX-FN31
MX-TR19N	Right Side Exit Tray
MX-TR20	Job Separator Tray
MX-TU16	Center Exit Tray
MX-UT10	Utility Table
MX-EB18	Wireless LAN
MX-EB19L	Compact PDF Kit
MX-EB20L	OCR Expansion Kit
MX-FX15	Fax Expansion Kit
MX-FWX1L	Internet Fax Kit
MX-PF10	Bar Code Font Kit
MX-PK13L	Adobe PostScript 3 Expansion Kit
MX-PU10L	Direct Print. Expansion Kit
AR-SU1	Stamp Unit (requires AR-SV1 Stamp Cartridge)
AR-SV1	Stamp Cartridge
MX-AMX1L	Application Integration Module
MX-AMX2L	Application Communication Module
MX-AMX3L	External Accounting Module
MX-FR62U	Data Security Kit
DVENDFSV	Generic Vendor Interface Kit
Supplies	
MX-61NTBA	Black Toner Cartridge
MX-61NTCA	Cyan Toner Cartridge
MX-61NTMA	Magenta Toner Cartridge
MX-61NTYA	Yellow Toner Cartridge
MX-61NVBA	Black Developer
MX-61NVSA	Cyan/Magenta/Yellow Developer
MX-60NRSA	Drum

¹ Some features require optional equipment. See your local dealer.
² May vary depending on product configuration, machine settings and operating and/or environmental conditions.



SHARP ELECTRONICS CORPORATION
100 Paragon Drive, Montvale, NJ 07645
1-800-BE-SHARP • www.sharpsusa.com

Sharp, Sharp OSA, Sharpdesk, My Sharp, and all related trademarks are trademarks or registered trademarks of Sharp Corporation and/or its affiliated companies. Microsoft, Office 365, Active Directory, Windows, Windows Server, Excel, PowerPoint, OneDrive, and SharePoint are trademarks or registered trademarks of Microsoft Corporation. Android, Chrome, Gmail, Google Drive, Google Cloud Print, and Chromebook are trademarks or registered trademarks of Google LLC. Adobe, the Adobe logo, PostScript, and PostScript 3 are either registered trademarks or trademarks of Adobe in the United States and/or other countries. Qualcomm DirectOffice is a product of Qualcomm Technologies, Inc. and/or its subsidiaries. Qualcomm is a trademark of Qualcomm Incorporated, registered in the United States and other countries. DirectOffice is a trademark of CSR Imaging US, LP, registered in the United States and other countries, used with permission. Amazon, Alexa, and all related logos and motion marks are trademarks of Amazon.com, Inc. or its affiliates. All other trademarks are the property of their respective owners. Design and specifications subject to change without notice.



SECURITY SUITE REFERENCE GUIDE



sharp security
safeguards your business



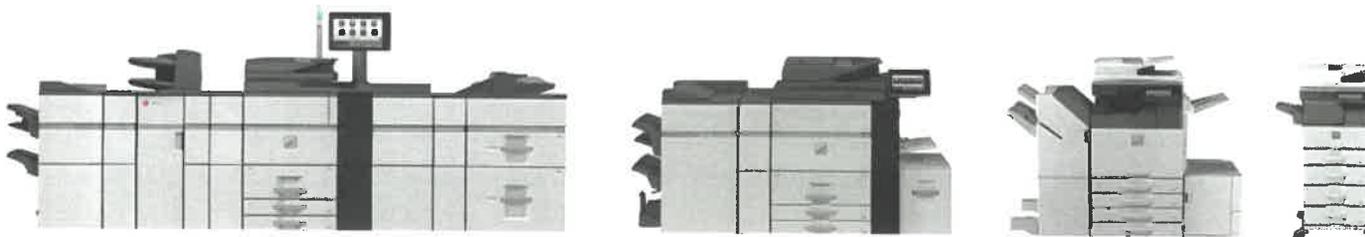
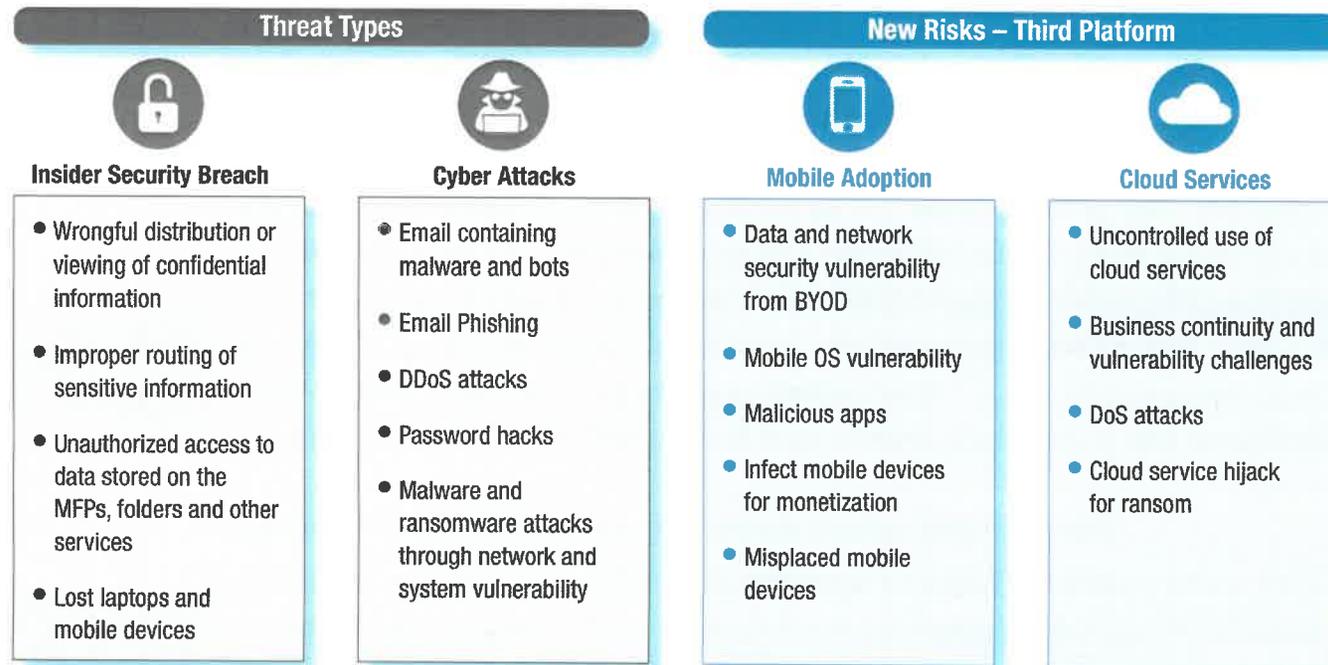
TABLE OF CONTENTS 

Increased Security Threats and Complexity	▶ 3
Information Security in Key Vertical Markets	▶ 4-5
Printer and MFP Security	▶ 6
Sharp Security Suite	▶ 7
Security Features That Provide Comprehensive Protection	▶ 8
Data Security in Transit or at Rest	▶ 8
Data Security Kit (DSK) and Common Criteria Certification/ISO-15408	▶ 9
Data and Information Security	▶ 10
Access Control Security	▶ 10
Data Security at End-of-Lease	▶ 11
Data Security During Operation	▶ 12
User Authentication, Authorization and Restriction	▶ 14
Single-Sign-On (SSO) to Network and Cloud Resources	▶ 15
Network Security	▶ 15
Document Security	▶ 16
Email Security	▶ 16
Mobile and Wireless Security	▶ 17
Audit Trail	▶ 17
Print Security and IT Environment Compatibility	▶ 18
Fax Security	▶ 19
Tools to Maintain Your MFP and Printer Security	▶ 20
Security Features At-A-Glance	▶ 21
Sharp Security Suite Compatibility Charts	▶ 22-27

INCREASED SECURITY THREATS AND COMPLEXITY

Organizations of all sizes rely on a vast array of technologies to help make daily activities and communication more efficient. Adoption of new platforms such as mobile and cloud, can increase the frequency and complexity of security challenges. The more open and intricate these platforms become, the more corporations and organizations face constant threats that could put sensitive information and business continuity at risk. However, **implementing new technology is essential** to keep up with the speed of business.

Protecting sensitive data is crucial for business continuity.



INFORMATION SECURITY IN KEY VERTICAL MARKETS

New technologies such as mobile and cloud services are also transforming numerous vertical markets. However, when organizations adopt new communication platforms, data security and maintaining regulatory compliance become more challenging.

College Campuses,
Libraries, Public
Organizations



Education – The need for student privacy continues to grow as education records are digitized and shared electronically. Educational institutions must act responsibly, safeguarding students' personal data. Institutions must meet requirements of the Family Educational Rights and Privacy Act (FERPA) as well as the Health Insurance Portability and Accountability Act (HIPAA) on digitalized student information.

Critical Information: • Student Records • Social Security Numbers • Health Information

Defense Contractors,
Government Agencies,
Department of Defense,
Local Governments



Local Government – Local government agencies maintain various types of data including social security numbers, credit card numbers, driver's license numbers, Federal Tax Information (FTI) and more. As the e-Government movement progresses, local government offices are under great pressure to protect sensitive information from hackers. Cybersecurity is one of the most critical components of IT for government agencies. Local government organizations, department entities, and courts, have strict data security mandates as outlined in several security standards, specifications and directives. Among the most stringent and applicable standards for MFPs and printers is ISO 15408/Common Criteria (CC) directed by National Information Assurance Partnership (NIAP).

Critical Information: • Social Security Numbers • Resident Information • Driver's License
• Local Government Documents • Police Reports • Contracts

Lawyers,
Law Offices, Service
Organizations



Legal Services – Lawyers and law firms need to protect their client's data and information. In reaction to the rate of cloud and mobile adoption as well as the growing trend in data conversion requirements for e-discovery, companies offering legal services are forced to meet new regulations and compliances such as the EU General Data Protection Regulation (GDPR) and U.S. Personally Identifiable Information (PII). Proper data classification ensuring only authorized users access to the confidential data will be critical to minimize the impact on legal practices.

Critical Information: • Social Security Numbers • Contracts • Case Information • Client Information

Hospitals, Pharmacies,
Healthcare Facilities



Healthcare – The Health Information Technology for Economic and Clinical Health Act (HITECH) and Meaningful Use execution enabled rapid adoption of Electronic Health Record (EHR) systems. The U.S. Department of Health and Human Service (HHS) recognized that advances in electronic technology and digitalized patient records could further risk the privacy and security of confidential health information. The privacy and security protections for individually identifiable health information are strengthened under the rule and national standards of the Health Insurance Portability and Accountability Act (HIPAA). Doctors, hospitals, insurance companies, nursing facilities and other care providers must follow HIPAA to protect patient information, health histories, medication records, billing and insurance information and other electronic healthcare transactions.

Critical Information: • Private Patient Records • Health Histories • Medication Records • Social Security Numbers

Private Companies,
Financial Institutions



Financial/Corporate – Financial institutions and business organizations are constantly under threat of information leakage by internal and external sources. All organizations, regardless of size, that are “significantly engaged” in providing financial products or services, such as banks, mortgage lenders, brokerage houses and investment organizations, are guided by the Gramm-Leach-Bliley (GLB) Act to protect confidential records, transactions and customer information. In addition, all public companies need to comply with the Sarbanes-Oxley Acts (SOX). SOX mandates that organizations must store and track business information including electronic communications as well as hard copy documents. In addition, due to increased adoption of online transactions, corporations are required to meet new regulations such as GDPR. IT administrators are challenged to securely and cost-effectively store and manage all corporate and customer information.

Critical Information: • Customer Information • Employee Records • Bank Account Information • Corporate Accounting and Financial Records • Tax Documents • Credit Card Information • Social Security Numbers

PRINTER AND MFP SECURITY



Organizations are under constant threats from malicious attempts to steal and/or modify business data, or gain unauthorized access to their networks. Security threats as well as regulatory compliance requirements can be extended to the printers and multifunction printers (MFPs) that are commonly used in any organization.

Physical Security Threats

Typically, MFPs are located in common areas accessible by multiple people. Unauthorized personnel can potentially access and enter corporate networks when devices are not fully protected. In addition, any information stored on a local desktop computer or a server accessible through the network can be printed without authorization. Meanwhile, at the MFP device, confidential information can be accidentally or even purposely copied from stored documents, taken from the output tray or faxed without authorization.

Network Security Threats

Unsecured access to your company's stored data makes you vulnerable to having it stolen or altered. Furthermore, cyber criminals may obtain confidential information by unleashing a Denial-of-Service (DoS) attack, a phishing attack, or a virus via the network to launch an advanced cyberattack. Phone line communications or network data could easily be intercepted when proper security measures are not implemented. Even MFP data stored on a hard disk drive or in memory could be compromised or stolen if not protected.

Protecting sensitive data is crucial and the end goal.

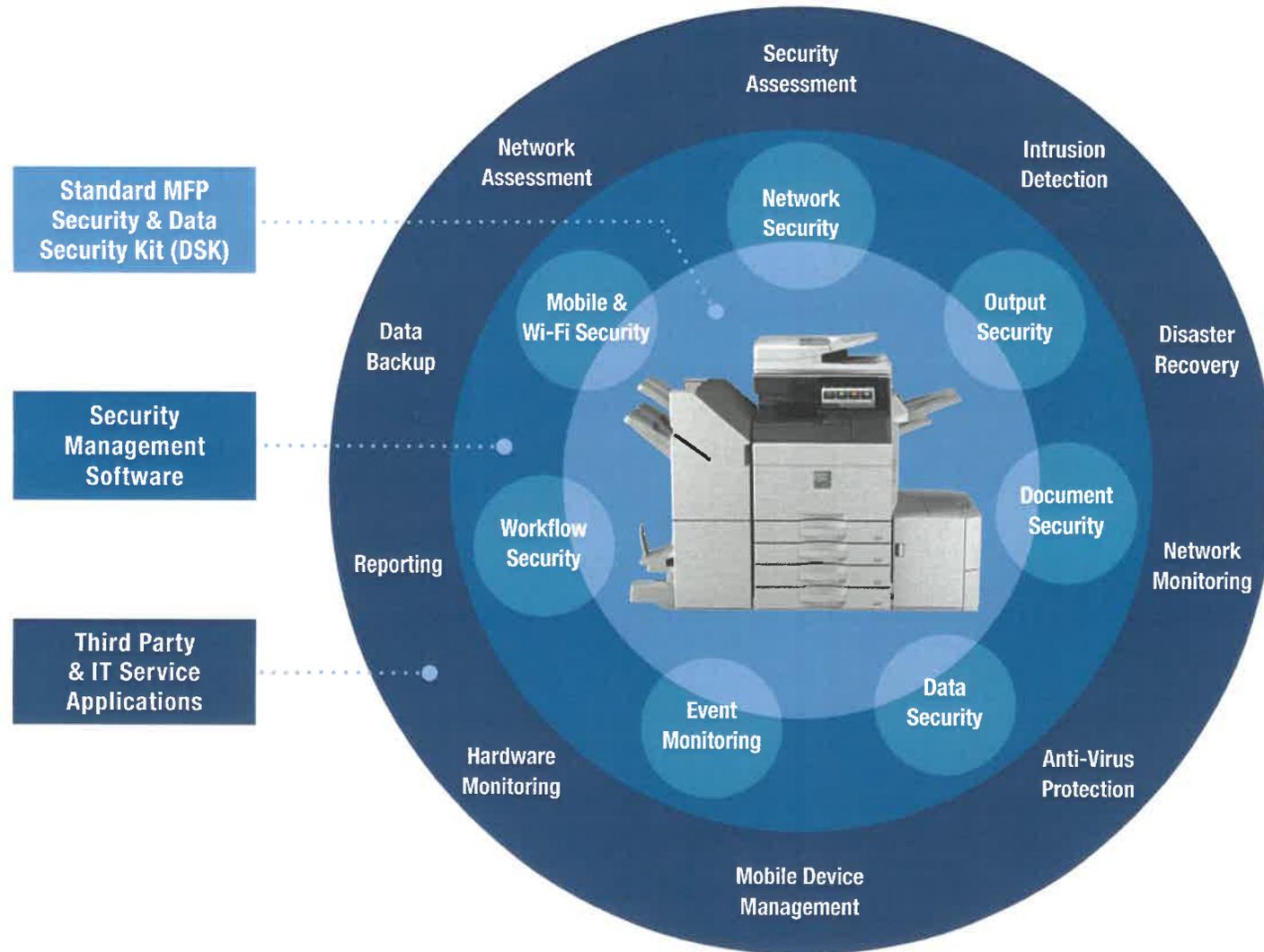
Today's intelligent MFPs and printers have evolved to include advanced network communications and data storage capabilities. Failing to protect them may result in devastating damage to a company. Potential business impact includes:

- Loss of productivity
- Fines due to regulatory non-compliance
- Loss of access to data and network
- Loss of competitiveness due to stolen information
- Lawsuits

SHARP SECURITY SUITE



Sharp provides a multi-layered approach to help safeguard organizations against security threats. Sharp MFPs and printers are designed to help IT administrators and security officials plan, choose and implement proper risk prevention and control through the comprehensive Sharp Security Suite.



Security Features That Provide Comprehensive Protection

Sharp MFPs are armed with many advanced security features to help businesses safeguard their data and protect against unauthorized network intrusions and malware attacks. Businesses can achieve optimal protection by following good IT practices and utilizing these features.

Achieve Optimal Security: Check Your MFP's Security Configuration!

- ✓ Implement secure user access control (Active Directory® or LDAP user authentication).
- ✓ Limit users who have administrator's rights.
- ✓ Apply more complex administrator password rules.
- ✓ Close unused ports and disable unneeded network services and protocols.
- ✓ Use IP and MAC address filtering to limit MFP access to only necessary PCs.
- ✓ Install a Data Security Kit (DSK) or configure built-in data security.
- ✓ Enable the TLS protocol to secure all communications.
- ✓ Ensure that users are assigned to properly configured Authority Groups.
- ✓ Disable unused device functions.
- ✓ Periodically check job and audit logs for suspicious activity.
- ✓ Enable POP3 and SMTP authentication if possible.
- ✓ Change the MFP's SNMP community name from its default "public."
- ✓ Do not "publish" an MFP's IP address outside your organization's firewall.
- ✓ Ensure Wi-Fi and mobile security are properly configured.

Hassle-free
erase/overwrite of
data and settings
completed securely.

Data Security in Transit or at Rest

Data security is a fundamental component for MFP and printer security. Sharp MFPs and printers include standard and/or optional security features that protect data stored on the device or in transit.

• Data Encryption

When data encryption is enabled on a Sharp MFP, Advanced Encryption Standard (AES) algorithm 256-bit method is used in communication and on the data before it is written to RAM and the hard disk drive.

• Data Overwrite

Up to 10 times programmable overwrite is used to maximize the data erase efficiency. The data is overwritten by random numbers. In addition, the data overwrite method can be customized to meet each organization's security requirements or it can be set as it is specified in DoD 5220.22-M.

Data Security Kit (DSK) and Common Criteria Certification/ISO-15408

Organizations may require enhanced security features to meet regulatory requirements or mitigate specific threats. The optional Sharp Data Security Kit brings device security to a higher level with features such as manual data overwrite and auto data overwrite at power-up, hidden pattern printing and detection, and more. In addition, select DSK models are equipped with a Trusted Platform Module (TPM) chip which helps further prevent unwanted access to data storage areas including hard disk drive and solid-state drive.



- **Trusted Platform Module**

Trusted Platform Module is an industry standard computer chip that uses **cryptoprocessor technology** to protect hardware such as hard disk drives and **solid-state drives** inside MFPs and printers. When a new Sharp MFP is installed with a data security kit, the TPM chip inside the machine initiates a cryptographic key that cannot be accessed by software. A matching cryptographic key is encoded during the boot-up process. If the two keys do not match, access to the device is denied. TPM is an important component of a customer's network strategy and can help protect them from data storage attacks.

The Common Criteria (CC) is a set of guidelines used to evaluate information technology equipment. It is the technical basis for an international agreement and the specification is tested by independent laboratories. Sharp has always aimed to achieve a secure and productive office environment through the development of our digital MFPs. Meeting evolving security standards, such as Common Criteria, is important to ensure organizations confidently handle the most sensitive data on Sharp devices. Recently Sharp achieved the industry's first CC certification against the latest **Protection Profile for Hardcopy Devices v1.0 (HCD-PP v1.0)**.

- **Protection Profile for Hardcopy Devices v1.0 (HCD-PP v1.0)**

HCD-PP v1.0 (dated September 10, 2015) is the latest requirement for multifunction printers (MFPs) based on the security requirements specified by the U.S. and Japanese governments, providing the most up-to-date security validation for businesses, government and military offices. It aims to protect the information processed by an MFP from security threats and includes specifications for encryption and firewalls. The HCD-PP v1.0 was developed through the industry collaboration with the National Information Assurance Partnership (NIAP) and the Information-technology Promotion Agency, Japan (IPA). HCD-PP v1.0 now defines security for the MFP as a whole, and as such, reference to the Evaluation Assurance Level ("EAL") is no longer used.

Data and Information Security

Sharp's standard MFP security features coupled with the optional Data Security Kit protect and control the major MFP systems and subsystems (print, copy, scan, fax jobs, network settings, memory components and local user interface). The Sharp data encryption method uses the Advanced Encryption Standard (AES) algorithm 256-bit* on all data before it is written to RAM and the hard disk drive. It also can provide up to 10 times data overwriting routines* to minimize information leakage. Select Sharp MFPs support DoD 5220.22-M data overwrite for optimal data security.

SHARP STANDARD FEATURES		WITH OPTIONAL DATA SECURITY KIT (DSK)	
Level 1 Standard Security Features	Level 2 Advanced Security Mode	Level 3 DSK Standard Security Mode	Level 4 HDC Protection Mode
Basic security including user authentication, network protection, logs, etc.	Basic security plus data overwrite and encryption.	Trusted Platform (TPM) based advanced security including manual data overwrite, firmware digital signature, optional feature restrictions.	Trusted Platform (TPM) based advanced security configured to comply HCD protection profile v1.0 enforcing security and forced feature restrictions.
<Additional Security Layer> Sharp Partner Program Member products and applications.	<Additional Security Layer> Sharp Partner Program Member products and applications.	<Additional Security Layer> Sharp Partner Program Member products and applications.	<Additional Security Layer> No ID card readers, Sharp OSA applications are allowed.

Access Control Security

To limit unwanted access to each device, Sharp MFPs can utilize account codes, user/group profiles, passwords, or external user accounts contained in the local device address book or global user directory. All user credentials are transferred using a proven combination of Kerberos, Transport Layer Security (TLS) or AES 256-bit encryption to help avoid interception. In addition, select Sharp MFPs can be registered as a computer with the Microsoft Active Directory® domain, providing strong Kerberos token-based authentication and authorization. IT administrators can securely and conveniently manage devices and access to “scan-to folders” and “scan-to emails” with an advanced level of control.

Data Security at End-of-Lease

When the device is retired, it is important that the data retained within the device be removed or rendered in an unreadable format. Sharp document systems offer standard End-of-Lease features to ensure that all confidential data is overwritten before the device leaves the facility.

- **How is the data erased?**

When the End-of-Lease feature is executed the data is overwritten up to 10 times. If a DSK is installed or standard MFP security feature is enabled, the data is overwritten with random numbers. The amount of times the data overwrite occurs and custom overwrite methods can be configured.

- **What happens at the completion of End-of-Lease data erase?**

While data is being erased, the data deletion progress will be displayed. After erasing is completed, the MFP will be rebooted automatically. The data erase completion report will then be printed out.

The following data will be erased using End-of-Lease data overwrite feature:

Sharp helps protect your data and personal information from the first day of operation to the time of trade-in.

Setting Values	Job Image	User Input Data		System Data
<ul style="list-style-type: none"> • System Settings/Web Settings • Admin Password • Network Settings • Soft Switch 	<ul style="list-style-type: none"> • Job (image) Data on Each Mode • Unprinted Fax/Internet Fax/Direct SMTP Data • Document Filing Data • Data Stored in NAS Area • Image Data in Memory Box • Print Release Job Data 	<ul style="list-style-type: none"> • Address Book • User Information (including User Index/User Count) • Job Program • Organization/Group List/Page Limit Group List/ Authority Group List/ Favorite Operation Group List • Billing Codes • Words Registered in Software Keyboard • Scanner Default Sender • Scanner Default Destination • Fax/I-Fax Forwarding Destination/ Sender/ Allow/Reject Sender 	<ul style="list-style-type: none"> • Polling Protection Number • Dial-in Number • Auto Forward Table • Destination for Document Admin • Fixed Phrase (Text/Image Printing/ Subject/File Name/Body Text/Email Footer/Tracking Information) • Metadata Set • Custom Links • Sharp OSA Embedded Application • Custom Stamp/Custom Watermark • Color Profile • Download Font 	<ul style="list-style-type: none"> • Job Status Completion Queue Data • Job Log • Encrypted Communication Control Information • Keyboard Input Character Translation Information

Data Security During Operation

Organizations are under constant threat of increasingly menacing cyberattacks. To help prevent or better respond to such threats, select Sharp multifunction printers are armed with leading-edge, multi-layered security features, including **Firmware Attack Prevention and Self Recovery**, which can help identify a malicious intrusion and restore the machine firmware to its original state. The **Application Whitelisting** feature detects access attempts to the machine file system and denies access if the source data is not on the whitelist.

Manage your devices,
control access, and
protect your data.

Additionally, built-in **Authority Groups** help manage and restrict copying, printing and scanning features to safeguard data as well as control costs. Administrators can also apply **Active Directory® Group Policy** to the device, which offers centralized configuration and control for select security and print driver settings. **Sharp Remote Device Manager (SRDM)** enables both IT administrators and service providers to monitor and centrally manage their MFP fleets by maintaining security policies, deploying scheduled admin password changes and more. Sharp MFPs can also help keep confidential documents secure with **Confidential Printing**, which requires users to enter a PIN code to print them. Also, **256-bit data encryption** combined with **up to 10-times data overwrite** helps ensure the customer's information is protected. When it is time to trade the machine in, Sharp MFPs include an **End-of-Lease** feature that can erase all data and personal information, as well as print a confirmation report for verification.



Critical features
that help organizations
prevent threats.

- **Firmware Attack Prevention & Self Recovery**

The Firmware Attack Prevention and Self Recovery feature on select Sharp MFPs **helps protect the main unit firmware system files from malicious attacks**. The machine stores a backup copy of the main unit firmware in a hidden partition of the MFP hard disk drive. Each time the MFP is turned on, or wakes from auto-off mode, the main unit firmware running in the machine is compared to the backup copy stored on the hard disk drive using a hash value. If the two hash values do not match, the machine will be halted and display a message prompting the user to turn off the power and turn it back on. This action triggers the machine to restore the main unit firmware running in the machine with the backup copy stored on the hard disk drive. This event is recorded in the machine real-time event log and can also be sent to the administrator via email, as well as included in the customer's syslog or SIEM (system information and event management) system. This feature is standard on select Sharp MFPs and can be enabled through the MFP web user interface System Settings.

Note, if a data security kit is installed on the machine, a higher level of protection is available with the Trusted Platform Module, which supersedes the Firmware Attack Prevention and Self Recovery feature.

- **Application Whitelisting**

Combating IT threats is more challenging when devices are network-connected to offer advanced features. In order to mitigate risks, the Sharp Application Whitelisting feature, available on select Sharp MFPs, protects against unofficial software and application updates by detecting access attempts to the MFP's file system and denying access if the source data is not on the whitelist.

- IT administrators can be notified of whitelisting events via email or integrated with the organization's Syslog or SIEM (Security Information and Event Management) systems using the MFP's audit log feature.

Protect against unauthorized access to the MFP file system with Application Whitelisting.

User Authentication, Authorization and Restriction

Most Sharp MFPs can limit unwanted access with user authentication. All user credentials are transferred using a combination of Kerberos and Transport Layer Security (TLS) to help avoid interception. In addition, select models can be registered with Active Directory® domain offering Kerberos token-based Active Directory authentication. In addition, ID card authentication is supported on Sharp MFPs, providing a greater convenience for user authentication. “Secure mode” to request a user password upon logon is supported for ID card authentication, minimizing the risk of passwords being compromised.

User authentication types:

- Local user list
- LDAP
- Active Directory
- External authority with Sharp OSA®-enabled applications

User authentication methods:

- PIN number
- User name and password
- ID card

Sharp Security Suite helps mitigate threats through authentication and restriction.

Once the user is authenticated, access to certain features are either granted or restricted. IT administrators can securely and conveniently manage devices and access to specific features with an advanced level of control.

Key features for authorization and access restriction:

- Password protected admin access
- Print, scan, copy and fax function control
- Access control for the MFP's HDD
- Page limit control
- Color printing restriction
- Forced pull printing
- Destination entry restriction
- Domain restriction
- Forced scan to logged-in users' email address
- Forced scan to logged-in users' home folder
- Security control and default setting using Active Directory Group Policy with Sharp ADM template files (Device settings and Print Driver settings)





Single Sign-on (SSO) to Network and Cloud Resources

IT administrators often face challenges sustaining productivity while maintaining security. Select Sharp MFPs offer options for single sign-on to add operational convenience while validating user access to the device and network.

When an MFP joins a domain, the MFP establishes trusted relationships with network resources. IT administrators can provide secure Kerberos token-based SSO to network and home folders as well as Microsoft® exchange server.

For Google Drive™ online storage service, Gmail™ webmail service and select cloud services, an OAuth token is used to establish SSO. Sharp provides IT administrators greater flexibility and options to provide convenience to users while maintaining organization's data and information security.

Single sign-on supported resources:

- Network folders and home folders
- Exchange server
- Gmail webmail service
- Cloud services (such as Box™, Google Drive™, OneDrive® and SharePoint® Online)
- Sharp OSA® applications

Network Security

Network security is fundamental in protecting organizations' network and resources from improper use, intrusions, denial-of-service (DoS) attacks and unauthorized access and modification. Sharp MFPs help IT administrators and security officers design comprehensive security environments to ensure only authorized parties and protocols are allowed to access their network with Sharp MFPs and printers.

- Network communication protection via TLS
- SHA-2 certificate
- Wireless LAN communication protection
- Secure protocols such as Kerberos, IPv6, and SMBv3
- IP address and MAC address filtering
- Port management
- Disable/enable features and functions
- SNMPv3 communication
- Device certificates
- CA Certificates
- IEEE802.1X™ authentication

Document Security

Protection for sensitive documents can be achieved through various document security features including encrypted Adobe® PDF files for scanning and printing, and document filing features, which allow files to be retained until they are needed – preventing unauthorized access to confidential information. Secure access to documents for printing and scanning can also be achieved with Synappx Go on your mobile device. This powerful application helps your content move with you throughout the workplace. To learn more about Synappx, please visit the Sharp USA website.

Document security at the device:

- Encrypted PDF
- Secure document filing features
- Pull printing/PIN printing
- Secure watermarks

Document security with Synappx Go:

- Secure print release
- Printing from cloud storage
- Scanning to self or the cloud
- NFC tag for optimized security

Email Security

Email is the most frequently used and critical business communication method at many organizations. Sharp MFPs offer various email security features to enhance data privacy capability to cultivate trust and reputation. For more integrated email security, select Sharp MFPs offer the Email Connect feature which establishes a direct connection for Exchange servers or Gmail. This also ensures the email is sent by the logged in user (not via the generic MFP address). The email containing the scanned document is then stored in user's sent folder. For the Exchange server, all server rules and security (e.g. size limit, destination restrictions) are automatically applied to scan-to-email maintaining the organization's email policy.

- Digital Signature and encryption with S/MIME
- Exchange server integration (authentication and restriction)
- Gmail webmail integration
- Send email from logged in user
- Store sent email on sent item folder
- Domain control
- Destination restriction



Enabling the
mobile workforce
safely and securely for
on-the-go access.

Mobile and Wireless Security

Adoption of mobile technology is critical for organizations to be innovative and agile. However, IT administrators often face risks by allowing personal devices to access critical business information. Sharp provides optimal security for mobile users to connect with the corporate network via the MFPs and printers.

- User authentication (Active Directory, LDAP, Local User List, PIN number)
- SNMP security
- Print retention
- Serverless Print Release (select MFP models)



In addition, Sharp MFPs support “Access Point” mode which allows mobile users to connect via Wi-Fi for printing from and scanning to their mobile devices – without having to connect through the corporate network. The Access Point mode prevents data exchange between Wi-Fi and wired interfaces.

Audit Trail

Tracking user activities and events are important and helpful to maintain proper security measures. Granular audit log and job log features from Sharp provide comprehensive auditing of all user activities and device events.

- **Job Log**

Certain regulations require parameters, such as “to,” “from,” “when” and “file name” to be logged, reviewed and archived for conformance.

- **Event Log (Supports RFC 5424/3164 Standard Syslog Protocol)**

With select Sharp MFPs, the IT team can monitor events such as when/what setting changes were made, which IP address have accessed the device, and when firmware is updated. The MFP’s real-time event log can be integrated with the organization’s syslog or SIEM (Security Information and Event Management) to trigger immediate security alerts to IT administrators.

Print Security and IT Environment Compatibility

Printing is the most common daily task in many workplaces. An optimized printing experience is critical to maintaining productivity. At the same time, IT departments face increased demand for print security and compliance such as HIPAA and FERPA.

• Printing Standard and Compatibility

MFP compatibility with key IT environments is important for many organizations. Sharp MFPs and printers are tested and validated by major technology providers.

- WHQL-certified print driver to ensure Microsoft compatibility to meet security standard in the Microsoft environment
- Citrix-ready evaluation to ensure Sharp MFP and printer performance in the Citrix environment
- Device types to ensure printing performance in the SAP® environment
- Healthcare application compatibility including Cerner® and McKesson

• User Authentication and Print Retention

When user authentication is enabled, all print jobs are authenticated and only validated print jobs are accepted on the device. In addition, with Sharp document systems, users can send print jobs and store them on the MFP's hard disk drive, which can then be securely released using a PIN number or via user authentication. It also helps minimize waste from jobs abandoned at the printer.

• Serverless Print Release

To add more convenience with security, select Sharp MFPs can be designated as a print server, and have the job released on another supported machine that is on the same network. Users can simply walk up to the most convenient printer and securely release their print jobs. It is a standard feature on select MFPs and up to five client machines can be connected for this function.

• Sharp OSA-enabled Applications

For more advanced control, Sharp and the Sharp Partner Program community offer a broad selection of tightly integrated print release and output management software. For more information, please visit the Sharp USA website.

Both Serverless
Print Release and
print retention
features are available
to mobile users via the
Sharpdesk® Mobile
application to assist
with mobile print
security compliance.



Fax Security

The architecture of **Sharp MFPs provides a logical separation** between the fax telephone line and LAN, helping to **prevent attackers from gaining access** to the internal systems of the MFP or the local network. Additional security features are incorporated such as disabling broadcasting, allowing and rejecting reception from specific numbers, user authentication and more.

- Logical separation between the fax telephone line and LAN
- Only fax protocol is permitted in the fax modem
- MFP architecture is designed to minimize the risk of transmitting malicious data (virus, etc.) to the main system.
 - UART (Universal Asynchronous Receiver/Transmitter) communication on Fax controller cannot control MFP controller.
 - Image transmission between FAX controller and MFP controller is also separated from UART communication.



TOOLS TO MAINTAIN YOUR MFP AND PRINTER SECURITY

Sharp continues to provide optimal security to its customers, immediately assessing newly discovered security threats and their impact. Security measures are often released via firmware or through application updates to maximize security provided by Sharp products. In addition, Sharp offers various tools to monitor and optimize MFP and printer security features.

SRDM enables administrators to take control of system features and simplify installation and management.

Sharp Remote Device Manager (SRDM)

SRDM is an ideal tool for IT administrators to centrally manage, monitor and configure their Sharp MFP and printer fleets to optimize device uptime. SRDM also helps maintain optimal MFP and printer security. Using SRDM, IT administrators and security officers can create and centrally force a security policy to devices on their network. If security settings are altered, SRDM will notify administrator(s) or client incident management systems for them to immediately respond to potential security risks. SRDM can also intelligently reset security settings to the defined security policy when changes are detected.

Key SRDM features include:

- Manual or automated device discovery
- Device status and consumable monitoring
- Security policy management
- Scheduled power management
- Centralized administrator password management
- Remote Front Panel access for quick user assistance
- Email notifications
- Firmware management
- Device cloning and storage backup
- Centralized SIEM integration
- Pre-configured driver distribution



Sharp OSA-enabled Applications

Sharp and the **Sharp Partner Program** community also offer advanced security features such as user authentication, authorization, print release and accounting. If you are interested in developing integrated security solutions to meet specific requirements for your organization, please visit the Sharp USA website for more information.

SECURITY FEATURES AT-A-GLANCE*

DATA AND INFORMATION SECURITY

Sharp MFPs provide a wide range of data security capabilities as an integral part of the device's architecture, or as a function of an optional Data Security Kit (DSK).

- Automatic Data Overwrite
- Manual Data Overwrite**
- Custom and DoD 5200.22-m
- End-of-Lease Data Erase
- Power-Up Data Overwrite**
- Up To 10-Times Data Overwrite
- 256-Bit AES Data Encryption
- Trusted Platform Module (TPM)**
- Application Whitelisting
- Self-recovery Firmware
- Data Back Up

ACCESS CONTROL SECURITY

Sharp MFPs can be configured to help provide iron-clad user access control.

- User Authentication (Local/LDAP/Active Directory)
- Group Authorization
- Active Directory Group Policy
- Page Limit Control
- Password Protected Access to Device Home Page (Administrator and User)
- User Authority Setting
- Single-Sign-On (Kerberos and OAuth Token)
- Management of Currently Logged-In Users
- USB Card Reader Support
- ID Card User Authentication
- Scan-to-Home and Scan-to-Me
- Restrict List Printing**
- Disable Destination Selection
- Disable Address Book Registration
- Receipt Rejection from Specified Sender(s)

NETWORK SECURITY

Network security with MFPs and printers is one of the most critical concerns. Sharp offers various features to help protect organizations' IT network.

- TLS Encryption (2048 bit Key supported)
- Security Policy Management
- SNMPv3 Support
- SNMP Community Name Support
- Kerberos
- IPv6 and IPsec
- Device Certificates
- IP Address Filtering
- MAC Address Filtering
- Port Control
- IEEE 802.1X™ Authentication

EMAIL SECURITY

Send to email is one of the most common tasks for document scanning. Organizations can ensure secure send to email with Sharp MFPs.

- User Authentication
- S/MIME
- Send Only to Logged in User's Email Address
- Send from Logged in User (Email Connect)
- Store Sent Email on Sent Item Folder
- Apply Exchange Email Rules to Send to Email
- Single-Sign-On (SSO) (Kerberos and OAuth token)

FAX SECURITY

(Fax option may be required)

Customers who have Sharp MFPs equipped with the fax option can be assured that the architecture of the MFP provides a logical separation between the fax telephone line and the Local Area Network (LAN).

- Segregated Fax Line
- Prevention of Junk Fax
- Confidential Fax

MOBILE AND WIFI SECURITY

Embrace mobile printing and scanning by eliminating unauthorized access to corporate network.

- User Authentication
- Print Retention
- PIN Number Printing
- Access Point WiFi Mode

DOCUMENT SECURITY

Protecting data on an MFP is only part of what's required to ensure complete end-to-end document security. Sharp MFPs employ a number of means, that if implemented, can help assure customers that their document data will remain confidential.

- Secure Print Release with a PIN Number
- Encrypted PDF (AES 256 bit Encryption)
- Encrypted PDF Lockout
- Tracking Information Print
- Hidden Pattern Print and Detection**

PRINT SECURITY

Printing is the most common use of MFPs and printers. Sharp helps protect and secure print jobs during transition and at the printer.

- User Authentication
- TLS Encryption
- Secure Print Release with a PIN Number
- Serverless Print Release
- Sharp OSA Applications

AUDIT TRAIL SECURITY

Sharp MFPs offer extensive internal logging. Audit tracking is often a critical component to monitor user and device activity. Sharp MFPs can also provide the following information:

- Job Log and Usage Tracking
- Image Job Log
- Reporting and Data Export
- Administrator System Audit Logs
- Syslog Protocol RFC 5424/3164 for Syslog/SIEM Integration
- Program Partner Applications
- SRDM Security Policy Management Features

Sharp Security Suite Compatibility (Monochrome)

	MX-B350W/B450W	MX-B350P/B450P	MX-B376W/B476W	MX-M2651/ M3051/M3551/M4051/ M5051/M6051	MX-M3071/M3571/ M4071/M5071/M6071	MX-M7570	MX-M905	MX-M1055/M1205 (without Fiery option)
GENERAL MFP FEATURES/FUNCTIONS								
Speed	35/45 ppm	35/45 ppm	37/47 ppm	26/30/35/40/50/60 ppm	30/35/40/50/60 ppm	75 ppm	90 ppm	105/120 ppm
Hard Disk Drive	-	-	Std	Std	Std	Std	Std	Std
Data Security Kit (DSK) & Common Criteria Certification								
Data Security Kit (optional)	-	-	MX-FR63U	MX-FR64U	MX-FR64U	MX-FR60U HCD PP (Protection Profile for Hardcopy Devices) v1.0 support	MX-FR54U HCD PP (Protection Profile for Hardcopy Devices) v1.0 support	MX-FR53U
Common Criteria Certification	Certified HCD V1.0 Dated 2015	-	Pending	Pending	Pending	Certified HCD V1.0 Dated 2015	-	-
Data and Information Security								
Data Overwrite (Auto)	-	-	Std	Std	Std	Std	Std	Std
Data Overwrite (Manual)	-	-	Yes	Yes	Yes	Yes	Yes	Yes
Data Overwrite At Power-up	-	-	Yes	Yes	Yes	Yes	Yes	Yes
Up To 10-times Overwrite	-	-	Up to 10 times	Up to 10 times	Up to 10 times	Up to 10 times	Up to 10 Times	Up to 7 times
Custom Overwrite Pattern	-	-	User settable, DoD5220.22-M preset	User settable, DoD5220.22-M preset	User settable, DoD5220.22-M preset	User settable, DoD5220.22-M preset	User settable, DoD5220.22-M preset	-
256-bit Data Encryption	-	-	Std	Std	Std	Std	Std	Std
End-of-Lease Data Erase	Std	Std	Std	Std	Std	Std	Std	Std
Trusted Platform Module (TPM)	-	-	Yes	Yes	Yes	Yes	Yes	-
Application Whitelisting	-	-	Std	Std	Std	-	-	-
Firmware Attack Prevention & Self Recovery	-	-	Std	Std	Std	-	-	-
Access Control Security								
User Authentication (Local Address Book)	User number	User number	Std	Std	Std	Std	Std	Std
User Authentication (LDAP)	-	-	Std	Std	Std	Std	Std	Std
User Authentication (Active Directory)	-	-	Std Group Policy	Std Group Policy	Std Group Policy	Std	Std	-
Group Authorization	-	-	Std	Std	Std	Std	Std	Std
Page Limit Control	Std	Std	Std	Std	Std	Std	Std	Std
Password Protected Access To Device Web Page	Yes	Yes	Std	Std	Std	Std	Std	Std
Restrict List Printing	-	-	Yes	Yes	Yes	Yes	Yes	Yes
Scan To Home Directory	-	N/A	Std	Std	Std	Std	Std	-
Scan Only To Logged-in User's Email	-	N/A	Std	Std	Std	Std	Std	Std
Disable Destination Method Selection	-	N/A	Std	Std	Std	Std	Std	Std

continued on next page...

Items indicated with "Yes" in the table above may require additional options or software downloads.

Sharp Security Suite Compatibility (Monochrome) *continued*

	MX-B350W/B450W	MX-B350P/B450P	MX-B376W/B476W	MX-M2651/ M3051/M3551/M4051/ M5051/M6051	MX-M3071/M3571/ M4071/M5071/M6071	MX-M7570	MX-M905	MX-M1055/M1205 (without Fiery option)
Access Control Security								
Disable Address Book Registration	-	N/A	Std	Std	Std	Std	Std	Std
Receipt Rejection From Specified User(s)	Std	N/A	Std	Std	Std	-	Std	Std
Lock Users After 3 Tries	Std (op. panel only)	Std (op. panel only)	Std	Std	Std	Std	Std	Std
USB Card Reader Support	-	-	Std	Std	Std	Std	Std	Std
Network Security								
AD Integration	-	-	Std Group Policy	Std Group Policy	Std Group Policy	Std	Std	-
TSL Encryption	Std	Std	Std	Std	Std	Std	Std	Std
2048 Certificate	Std	Std	Std	Std	Std	Std	Std	-
Security Policy Management	Std	Std	Std	Std	Std	Std	Std	Std
SNMPv3 Support	Std	Std	Std	Std	Std	Std	Std	Std
SNMP Community String Support	Std	Std	Std	Std	Std	Std	Std	Std
Kerberos	Std	Std	Std	Std	Std	Std	Std	Std
IPv6 and IPsec	Std	Std	Std	Std	Std	Std	Std	Std
Device Certificates	Std	Std	Std	Std	Std	Std	Std	Std
IP Address Filtering	Std	Std	Std	Std	Std	Std	Std	Std
MAC Address Filtering	Std	Std	Std	Std	Std	Std	Std	Std
Port Control (Disable/Enable Ports)	Std	Std	Std	Std	Std	Std	Std	Std
CSRF Measure	Std	Std	Std	Std	Std	Std	Std	Std
Admin Password Protection*	-	-	Std	Std	Std	Std	Std	Std
IEEE 802.1X	-	-	Std	Std	Std	Std	Std	Std
SHA-2	Std	Std	Std	Std	Std	Std	Std	Std
S/MIME	-	N/A	Std	Std	Std	Std	Std	-
Fax Security (Fax Option May Required)								
Separation Between Fax and Network	Std	N/A	Std	Std	Std	Std	Std	Std
Confidential Fax	-	N/A	Std	Std	Std	Std	Std	Std
Filter Junk Fax	-	N/A	Std	Std	Std	Std	Std	Std

* Admin password can be protected when a Sharp MFP is accessed from FTP, preventing password leakage.

continued on next page...

Sharp Security Suite Compatibility (Monochrome) *continued*

	MX-B350W/B450W	MX-B350P/B450P	MX-B376W/B476W	MX-M2651/ M3051/M3551/M4051/ M5051/M6051	MX-M3071/M3571/ M4071/M5071/M6071	MX-M7570	MX-M905	MX-M1055/M1205 (without Fiery option)
Document Security								
Job Status Display Only Logged-in User	-	-	Std	Std	Std	Std	Std	Std
Secure Pull Print FTP/SMB	-	-	Std	Std	Std	Std	Std	Std
Secure Print Release With a PIN Number	Std	Std	Std	Std	Std	Std	Std	Std
Serverless Print Release	-	-	Std	Std	Std	Std	Std	-
Encrypted PDF Transmission	-	-	Std	Std	Std	Std	Std	Std
Encrypted PDF Direct Printing	Std (w/o password)	Std (w/o password)	Std	Std	Std	Std	Std	Std
Hidden Security Pattern Print	-	-	Yes	Yes	Yes	Yes	Yes	Yes
Hidden Security Pattern Detection	-	-	Yes	Yes	Yes	Yes	Yes	Yes
Audit Trail and Other Security								
Job Log and Usage Tracking	-	-	Std	Std	Std	Std	Std	Std
Admin Audit Tracking (SIEM and Syslog Integration)	-	-	Std	Std	Std	Std	Std	Std
Digitally Signed Firmware	-	-	Std	Std	Std	Std	Yes	-

Sharp Security Suite Compatibility (Color)

	MX-C303W/C304W	MX-C300P	MX-C250/C300W	MX-2651/3051/ 3551/4051/5051/6051	MX-3071/ 3571/4071/5071/6071	MX-6580N/7580N (without Fiery option)	MX-7090N/8090N (without Fiery option)
GENERAL MFP FEATURES/FUNCTIONS							
Speed	30 ppm	30ppm	25/30 ppm	26/30/35/40/50/60 ppm	30/35/40/50/60 ppm	65/75 ppm	70/80 ppm
Hard Disk Drive	Std	-	-	Std	Std	Std	Std
Data Security Kit (DSK) & Common Criteria Certification							
Data Security Kit (optional)	MX-FR61U	-	-	MX-FR62U	MX-FR62U	MX-FR55U	MX-FR58U
Common Criteria Certification	Pending	-	-	Certified HCD V1.0 Dated 2015	Certified HCD V1.0 Dated 2015	-	-
Data and Information Security							
Data Overwrite (Auto)	Std	-	-	Std	Std	Std	Std
Data Overwrite (Manual)	Yes	-	-	Yes	Yes	Yes	Yes
Data Overwrite At Power-up	Yes	-	-	Yes	Yes	Yes	Yes
Up To 10-times Overwrite	Up to 10 times	-	-	Up to 10 times	Up to 10 times	Up to 10 times	Up to 10 times
Custom Overwrite Pattern	User settable, DoD5220.22-M preset	-	-	User settable, DoD5220.22-M preset	User settable, DoD5220.22-M preset	User settable, DoD5220.22-M preset	User settable, DoD5220.22-M preset
256-bit Data Encryption	Std	-	-	Std	Std	Std	Std
End-of-Lease Data Erase	Std	-	-	Std	Std	Std	Std
Trusted Platform Module (TPM)	Yes	-	-	Yes	Yes	Yes	Yes
Application Whitelisting	Std	-	-	Std	Std	-	-
Firmware Attack Prevention & Self Recovery	Std	-	-	Std	Std	-	-
Access Control Security							
User Authentication (Local Address Book)	Std	Std	Std	Std	Std	Std	Std
User Authentication (LDAP)	Std	-	Std	Std	Std	Std	Std
User Authentication (Active Directory)	Std Group Policy	-	-	Std Group Policy	Std Group Policy	Std	Std
Group Authorization	Std	-	-	Std	Std	Std	Std
Page Limit Control	Std	Std	Std	Std	Std	Std	Std
Password Protected Access To Device Web Page	Std	-	-	Std	Std	Std	Std
Restrict List Printing	Yes	-	-	Yes	Yes	Yes	Yes
Scan To Home Directory	Std	-	-	Std	Std	Std	Std
Scan Only To Logged-in User's Email	Std	-	-	Std	Std	Std	Std
Disable Destination Method Selection	Std	-	-	Std	Std	Std	Std

continued on next page...

Items indicated with "Yes" in the table above may require additional options or software downloads.

Sharp Security Suite Compatibility (Color) *continued*

	MX-C303W/C304W	MX-C300P	MX-C250/C300W	MX-2651/3051/ 3551/4051/5051/6051	MX-3071/ 3571/4071/5071/6071	MX-6580N/7580N (without Fiery option)	MX-7090N/8090N (without Fiery option)
Access Control Security							
Disable Address Book Registration	Std	-	-	Std	Std	Std	Std
Receipt Rejection From Specified User(s)	Std	-	Std	Std	Std	Std	Std
Lock Users After 3 Tries	Std	-	-	Std	Std	Std	Std
USB Card Reader Support	Std	-	-	Std	Std	Std	Std
Network Security							
AD Integration	Std Group Policy	-	-	Std Group Policy	Std Group Policy	Std	Std
TSL Encryption	Std	HTTPS for client only	HTTPS for client only	Std	Std	Std	Std
2048 Certificate	Std	Std	-	Std	Std	Std	Std
Security Policy Management	Std	-	Yes	Std	Std	Std	Std
SNMPv3 Support	Std	-	-	Std	Std	Std	Std
SNMP Community String Support	Std	-	Yes	Std	Std	Std	Std
Kerberos	Std	-	Yes	Std	Std	Std	Std
IPv6 and IPsec	Std	Yes	Yes	Std	Std	Std	Std
Device Certificates	Std	Yes	Yes	Std	Std	Std	Std
IP Address Filtering	Std	Yes	Yes	Std	Std	Std	Std
MAC Address Filtering	Std	Yes	Yes	Std	Std	Std	Std
Port Control (Disable/Enable Ports)	Std	Yes	Yes	Std	Std	Std	Std
CSRF Measure	Std	Std	-	Std	Std	Std	Std
Admin Password Protection*	Std	-	Yes	Std	Std	Std	Std
IEEE 802.1X Support	Std	-	-	Std	Std	Std	Std
SHA-2	Std	-	-	Std	Std	Std	Std
S/MIME	Std	-	-	Std	Std	Std	Std
Fax Security (Fax Option May Required)							
Separation Between Fax and Network	Std	-	Yes	Std	Std	Std	Std
Confidential Fax	Std	-	Yes	Std	Std	Std	Std
Filter Junk Fax	Std	-	Yes	Std	Std	Std	Std

* Admin password can be protected when a Sharp MFP is accessed from FTP, preventing password leakage.
 ** Only supports the file without a password.

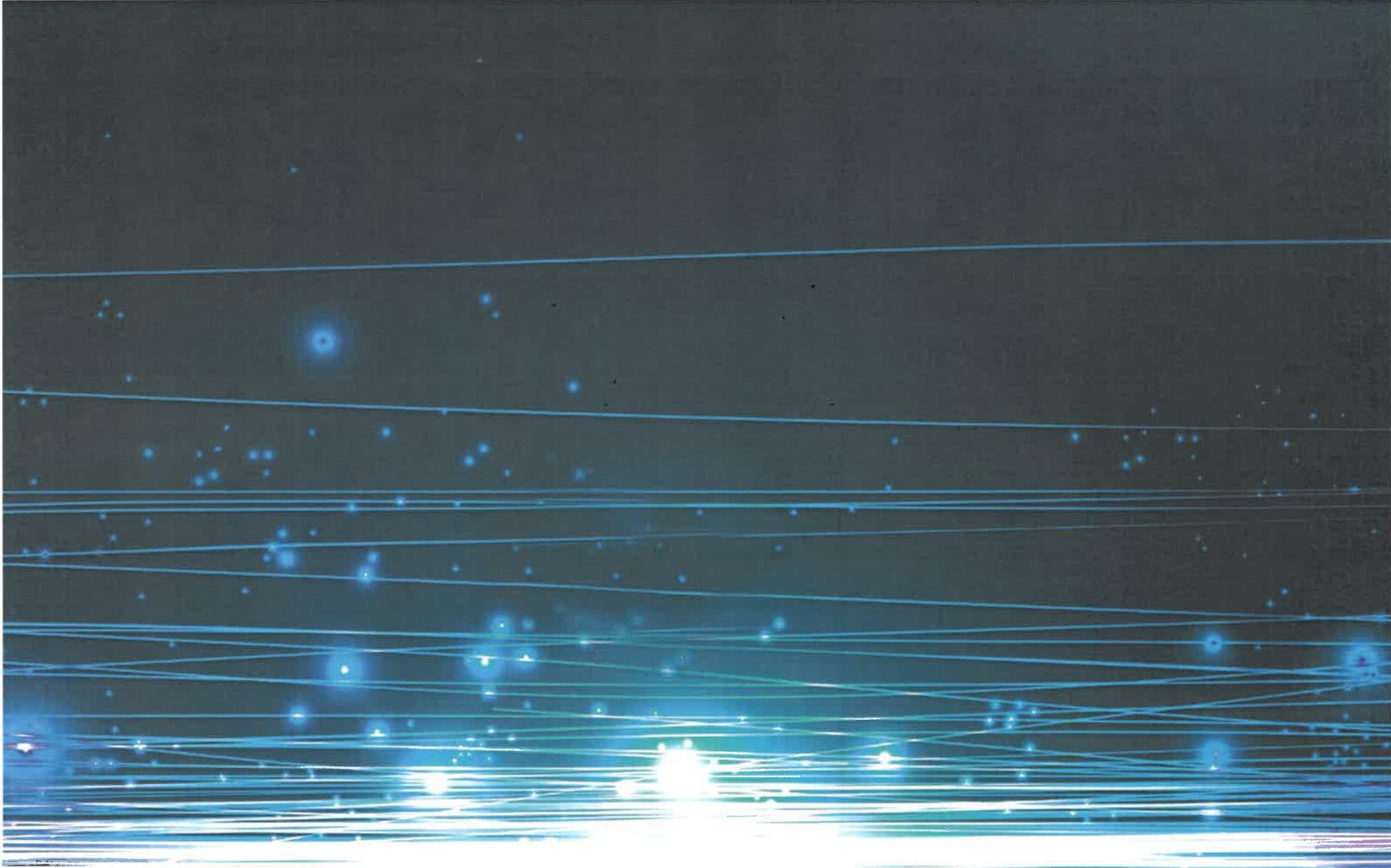
continued on next page...

Sharp Security Suite Compatibility (Color) *continued*

	MX-C303W/C304W	MX-C300P	MX-C250/C300W	MX-2651/3051/ 3551/4051/5051/6051	MX-3071/ 3571/4071/5071/6071	MX-6580N/7580N (without Fiery option)	MX-7090N/8090N (without Fiery option)
Document Security							
Job Status Display Only Logged-in User	Std	-	-	Std	Std	Std	Std
Secure Pull Print FTP/SMB	Std	-	-	Std	Std	Std	Std
Secure Print Release With a PIN Number	Std	-	Std	Std	Std	Std	Std
Serverless Print Release	Std	-	-	Std	Std	Std	Std
Encrypted PDF Transmission	Std	-	-	Std	Std	Std	Std
Encrypted PDF Direct Printing	Std	Std**	Std**	Std	Std	Std	Std
Hidden Security Pattern Print	Yes	-	-	Yes	Yes	Yes	Yes
Hidden Security Pattern Detection	Yes	-	-	Yes	Yes	Yes	Yes
Audit Trail and Other Security							
Job Log and Usage Tracking	Std	-	-	Std	Std	Std	Std
Admin Audit Tracking (SIEM and Syslog Integration)	Std	-	-	Std	Std	Std	Std
Digitally Signed Firmware	Std	-	-	Std	Std	Yes	Yes

* Admin password can be protected when a Sharp MFP is accessed from FTP, preventing password leakage.

** Only supports the file without a password.



SHARP®

SHARP ELECTRONICS CORPORATION
100 Paragon Drive, Montvale, NJ 07645
1-800-BE-SHARP • www.sharpsusa.com

Design and specifications subject to change without notice. Some images may be simulated.

Sharp, Sharp OSA and all related trademarks are trademarks or registered trademarks of Sharp Corporation and/or its affiliated companies. Microsoft, Windows, Active Directory, OneDrive and SharePoint are registered trademarks of Microsoft Corporation in the United States and/or other countries. Gmail, Google and Google Drive are trademarks or registered trademarks of Google LLC. Adobe and PostScript 3 are registered trademarks of Adobe Systems Incorporated in the United States, and/or other countries. All other trademarks are the property of their respective holders.



Integrated Document Workflow with Cloud and Email Connect Features!



Connect



Scan



Print



IT ADMIN

We moved to cloud services including Microsoft Office365® and Box™. Looking for an easy way to move old document workflows to new.

We could implement document scan to Microsoft Office365 and Box without a complex system. Sharp MFPs offer built-in features to connect popular cloud storage and email services!



END CUSTOMERS

My organization adopted a cloud document storage service and I want to minimize disruption and changes to existing processes that involve paper documents.

Our new Sharp MFP is easy to use with minimum learning required! Simply login and scan documents to my cloud folders!

ULTIMATE SCAN & PRINT EXPERIENCE WITH SHARP CLOUD CONNECT AND EMAIL CONNECT FEATURES

Through the Cloud/Email Connect feature on the latest generation of Sharp multifunction products, organizations can seamlessly integrate their paper-based document workflows with popular cloud services. For an optimal user experience, single sign-on is supported. Users can login once and conveniently scan documents or access cloud-stored documents directly from the Sharp MFP while IT administrators maintain full security control.



Intuitive scanning and printing experience

Security and Convenience with Email Connect feature

- Scan and send emails from logged in users
- Access to your contact list (Global and Personal)
- Sent history in Outlook® or Gmail clients
- Applies Exchange server rules and security (e.g. size limit, destination restrictions)

Cloud Connect For:

- OneDrive® for Business
- SharePoint Online®
- Google Drive™
- Box Connector (Available through the Sharp Application Portal)
- Dropbox Connector (Available through the Sharp Application Portal)

Email Connect For:

- Exchange Server
- Exchange Online/Office 365
- Gmail™ Webmail

System Requirements

Supported Sharp MFP Models:

MX-C303W *1/C304W ¹	MX-B376W/B476W ¹
MX-2651/3051/3551/4051 *1	MX-M2651/M3051/M3551/M4051 *1
MX-3071/3571/4071 ¹	MX-M5051/M6051 *1
MX-5051/6051 *1	MX-M3071/M3571/M4071 ¹
MX-5071/6071 ¹	MX-M5071/M6071 ¹
MX-6580N/7580N **	MX-M905 **
MX-7090N/8090N	

*The following options are required:

- MX-AMX2L Application Communication Module
- PostScript 3 Expansion Kit
- Direct Print Expansion Kit
(Optional for Microsoft Office® file printing)

- ** • Supports Exchange on-premises only
- SSO for Box is not supported

¹The following connectors are pre-installed on MFP unit at shipment and ready to use:

- Gmail
- Google Drive
- Exchange (On-premises, Office 365)
- SharePoint (Office 365)
- OneDrive

SHARP®

SHARP ELECTRONICS CORPORATION
100 Paragon Drive, Montvale, NJ 07645
1-800-BE-SHARP • www.sharppusa.com

Design and specifications subject to change without notice. Sharp, Sharp CSA and all related trademarks are trademarks or registered trademarks of Sharp Corporation and/or its affiliated companies. Microsoft, Office 365, Outlook, SharePoint and OneDrive are registered trademarks of Microsoft Corporation in the United States and/or other countries. Box is a trademark of Box, Inc. Google Drive is a trademark of Google, LLC. All other trademarks are the property of their respective holders.

Item No.	Order Type	Item Description	Brand Name	Model No.	Est. Quantity	Est. Quantity Unit of Measure	Unit Price Per Month	Total Price Per Month	No. of Months	Total Lease Term Cost
4	36 Month Lease	Color								
		Band 1								
		COPIER	Sharp	MX-C303WH	5	each (per year)	\$ 58.67	\$ 293.35	36	\$ 10,560.60
		Fax Kit	Sharp	INCLUDED	2	each (per year)	\$ -	\$ -	36	\$ -
		Paper Feed Cabinet (500-sheet universal tray)	Sharp	MX-CS26	1	each	\$ 4.01	\$ 4.01	36	\$ 144.36
		Paper Feed Cabinet (2 x 500-sheet universal tray)	Sharp	NA	1	each	\$ -	\$ -	36	\$ -
		Basic Stand	Sharp	NA	1	each	\$ -	\$ -	36	\$ -
		Per Click Charge (Color) (includes maintenance and consumables)	Sharp		200	per month	\$ 0.0650	\$ 65.00	36	\$ 2,340.00
		Per Click Charge (Monochrome) (includes maintenance and consumables)	Sharp		500	per month	\$ 0.0150	\$ 37.50	36	\$ 1,350.00
		Total for Band 1								\$ 14,394.96

Item No.	Order Type	Item Description	Brand Name	Model No.	Est. Quantity	Est. Quantity Unit of Measure	Unit Price Per Month	Total Price Per Month	No. of Months	Total Lease Term Cost
4	36 Month Lease, Continued	Color								
		Band 2								
		COPIER	Sharp	MX-2651	5	each (per year)	\$ 69.45	\$ 347.25	36	\$ 12,501.00
		Fax Kit	Sharp	MX-FX15	2	each (per year)	\$ 8.95	\$ 17.90	36	\$ 644.40
		Inner Finisher w/stapling	Sharp	MX-FN27N	1	each	\$ 16.08	\$ 16.08	36	\$ 578.88
		Floor Finisher w/stapling	Sharp	MX-FN28	1	each	\$ 24.68	\$ 24.68	36	\$ 888.48
		Punch kit for inner finisher	Sharp	MX-PN14B	1	each	\$ 6.57	\$ 6.57	36	\$ 236.52
		Punch kit for floor finisher	Sharp	MX-PN15B	1	each	\$ 6.57	\$ 6.57	36	\$ 236.52
		Job separator tray	Sharp	MX-TR20N	1	each	\$ 0.82	\$ 0.82	36	\$ 29.52
		Paper Feed Cabinet w/ 1x500 universal drawer	Sharp	MX-DE25N	1	each	\$ 6.75	\$ 6.75	36	\$ 243.00
		Paper Feed Cabinet w/ 2x500 universal drawer	Sharp	MX-DE26N	1	each	\$ 8.42	\$ 8.42	36	\$ 303.12
		Paper Feed Cabinet w/large capacity tray 8 1/2 x 11	Sharp	MX-LT10	1	each	\$ 2.59	\$ 2.59	36	\$ 93.24
		Per Click Charge (Color) (includes maintenance and consumables)	Sharp		1,000	per month	\$ 0.0450	\$ 225.00	36	\$ 8,100.00
		Per Click Charge (Monochrome) (includes maintenance and consumables)	Sharp		2,200	per month	\$ 0.0049	\$ 53.90	36	\$ 1,940.40
		Optional Cloud Printing Software	Sharp	INCLUDED	1	each	\$ -	\$ -	36	\$ -
		Optional Card Reader	Rfideas	PRX-80081AKU	1	each	\$ 6.42	\$ 6.42	36	\$ 231.12
		Optional Cloud Printing Swipe Card	Rfideas	BDG-1326-ProxII	10	each	\$ 0.10	\$ 1.00	36	\$ 36.00
		Total for Band 2								\$ 26,062.20

Item No.	Order Type	Item Description	Brand Name	Model No.	Est. Quantity	Est. Quantity Unit of Measure	Unit Price Per Month	Total Price Per Month	No. of Months	Total Lease Term Cost
4	36 Month Lease, Continued	Color								
		Band 3								
		COPIER	Sharp	MX-3051	5	each (per year)	\$ 78.35	\$ 391.75	36	\$ 14,103.00
		Fax Kit	Sharp	MX-FX15	2	each (per year)	\$ 8.95	\$ 17.90	36	\$ 644.40
		Inner Finisher w/stapling	Sharp	MX-FN27N	1	each	\$ 16.08	\$ 16.08	36	\$ 578.88
		Floor Finisher w/stapling	Sharp	MX-FN28	1	each	\$ 24.68	\$ 24.68	36	\$ 888.48
		Floor Finisher w/stapling + Saddle Stitcher	Sharp	MX-FN29	1	each	\$ 31.10	\$ 31.10	36	\$ 1,119.60
		Punch kit for inner finisher	Sharp	MX-PN14B	1	each	\$ 6.57	\$ 6.57	36	\$ 236.52
		Punch kit for floor finisher	Sharp	MX-PN15B	1	each	\$ 6.57	\$ 6.57	36	\$ 236.52
		Job separator tray	Sharp	MX-TR20N	1	each	\$ 0.82	\$ 0.82	36	\$ 29.52
		Paper Feed Cabinet w/ 1x500 universal drawer	Sharp	MX-DE25N	1	each	\$ 6.75	\$ 6.75	36	\$ 243.00
		Paper Feed Cabinet w/ 2x500 universal drawer	Sharp	MX-DE26N	1	each	\$ 8.42	\$ 8.42	36	\$ 303.12
		Paper Feed Cabinet w/large capacity tray 8 1/2 x 11	Sharp	MX-DE28N	1	each	\$ 17.32	\$ 17.32	36	\$ 623.52
		Large Capacity trays 2 each	Sharp	MX-DE28N	1	each	\$ 17.32	\$ 17.32	36	\$ 623.52
		Keyboard	Sharp	INCLUDED	1	each	\$ -	\$ -	36	\$ -
		Basic Stand	Sharp	MX-60ABD	1	each	\$ 3.92	\$ 3.92	36	\$ 141.12
		Per Click Charge (Color) (includes maintenance and consumables)	Sharp		1,000	per month	\$ 0.0450	\$ 225.00	36	\$ 8,100.00
		Per Click Charge (Monochrome) (includes maintenance and consumables)	Sharp		4,500	per month	\$ 0.0049	\$ 110.25	36	\$ 3,969.00
		Optional Cloud Printing Software	Sharp	INCLUDED	1	each	\$ -	\$ -	36	\$ -
		Optional Card Reader	Rfideas	PRX-80081AKU	1	each	\$ 6.42	\$ 6.42	36	\$ 231.12
		Optional Cloud Printing Swipe Card	Rfideas	BDG-1326-ProxII	10	each	\$ 0.10	\$ 1.00	36	\$ 36.00
		Total for Band 3								\$ 32,107.32

Item No.	Order Type	Item Description	Brand Name	Model No.	Est. Quantity	Est. Quantity Unit of Measure	Unit Price Per Month	Total Price Per Month	No. of Months	Total Lease Term Cost
4	36 Month Lease, Continued	Color								
		Band 4								
		COPIER	Sharp	MX-4071S	20	each (per year)	\$ 119.61	\$ 2,392.20	36	\$ 86,119.20
		Fax Kit	Sharp	MX-FX15	5	each (per year)	\$ 8.95	\$ 44.75	36	\$ 1,611.00
		Finisher w/50-sheet stapling	Sharp	MX-FN27N	1	each	\$ 16.08	\$ 16.08	36	\$ 578.88
		Finisher w/50-sheet stapling + booklet finisher	Sharp	MX-FN28	1	each	\$ 24.68	\$ 24.68	36	\$ 888.48
		Punch kit for floor finisher	Sharp	MX-PN14B	1	each	\$ 6.57	\$ 6.57	36	\$ 236.52
		Job separator tray	Sharp	MX-TR20N	1	each	\$ 0.82	\$ 0.82	36	\$ 29.52
		Paper Feed Cabinet w/ 1x500 universal drawer	Sharp	MX-DE25N	1	each	\$ 6.75	\$ 6.75	36	\$ 243.00
		Paper Feed Cabinet w/ 2x500 universal drawer	Sharp	MX-DE26N	1	each	\$ 8.42	\$ 8.42	36	\$ 303.12
		Paper Feed Cabinet w/large capacity tray 8 1/2 x 11	Sharp	MX-DE28N	1	each	\$ 17.32	\$ 17.32	36	\$ 623.52
		Large Capacity Tray 2000 sheets minimum	Sharp	MX-DE28N	1	each	\$ 17.32	\$ 17.32	36	\$ 623.52
		Large Capacity Trays 2 each	Sharp	MX-DE28N	1	each	\$ 17.32	\$ 17.32	36	\$ 623.52
		Keyboard	Sharp	INCLUDED	1	each	\$ -	\$ -	36	\$ -
		Basic Stand	Sharp	MX-60ABD	1	each	\$ 3.92	\$ 3.92	36	\$ 141.12
		Per Click Charge (Color) (includes maintenance and consumables)	Sharp		3,000	per month	\$ 0.0450	\$ 2,700.00	36	\$ 97,200.00
		Per Click Charge (Monochrome) (includes maintenance and consumables)	Sharp		7,000	per month	\$ 0.0049	\$ 686.00	36	\$ 24,696.00
		Optional Cloud Printing Software	Sharp	INCLUDED	1	each	\$ -	\$ -	36	\$ -
		Optional Card Reader	Rfideas	PRX-80081AKU	1	each	\$ 6.42	\$ 6.42	36	\$ 231.12
		Optional Cloud Printing Swipe Card	Rfideas	BDG-1326-ProxII	10	each	\$ 0.10	\$ 1.00	36	\$ 36.00
		Total for Band 4								\$ 214,184.52

Item No.	Order Type	Item Description	Brand Name	Model No.	Est. Quantity	Est. Quantity Unit of Measure	Unit Price Per Month	Total Price Per Month	No. of Months	Total Lease Term Cost
4	36 Month Lease, Continued	Color								
		Band 5								
		COPIER	Sharp	MX-5071S	15	each (per year)	\$ 126.33	\$ 1,894.95	36	\$ 68,218.20
		Fax Kit	Sharp	MX-FX15	4	each (per year)	\$ 8.95	\$ 35.80	36	\$ 1,288.80
		Finisher w/50-sheet stapling	Sharp	MX-FN27N	1	each	\$ 16.08	\$ 16.08	36	\$ 578.88
		Finisher w/50-sheet stapling + booklet finisher	Sharp	MX-FN28	1	each	\$ 24.68	\$ 24.68	36	\$ 888.48
		Punch kit for floor finisher	Sharp	MX-PN14B	1	each	\$ 6.57	\$ 6.57	36	\$ 236.52
		Job separator tray	Sharp	MX-TR20N	1	each	\$ 0.82	\$ 0.82	36	\$ 29.52
		Paper Feed Cabinet w/ 1x500 universal drawer	Sharp	MX-DE25N	1	each	\$ 6.75	\$ 6.75	36	\$ 243.00
		Paper Feed Cabinet w/ 2x500 universal drawer	Sharp	MX-DE26N	1	each	\$ 8.42	\$ 8.42	36	\$ 303.12
		Paper Feed Cabinet w/large capacity tray 8 1/2 x 11	Sharp	MX-DE28N	1	each	\$ 17.32	\$ 17.32	36	\$ 623.52
		Large Capacity Tray 2000 sheets minimum	Sharp	MX-DE28N	1	each	\$ 17.32	\$ 17.32	36	\$ 623.52
		Large Capacity Trays 2 each	Sharp	MX-DE28N	1	each	\$ 17.32	\$ 17.32	36	\$ 623.52
		Keyboard	Sharp	INCLUDED	1	each	\$ -	\$ -	36	\$ -
		Basic Stand	Sharp	MX-60ABD	1	per year	\$ 3.92	\$ 3.92	36	\$ 141.12
		Per Click Charge (Color) (includes maintenance and consumables)	Sharp		5,000	per month	\$ 0.0450	\$ 3,375.00	36	\$ 121,500.00
		Per Click Charge (Monochrome) (includes maintenance and consumables)	Sharp		12,000	per month	\$ 0.0049	\$ 882.00	36	\$ 31,752.00
		Optional Cloud Printing Software	Sharp	INCLUDED	1	each	\$ -	\$ -	36	\$ -
		Optional Card Reader	Rfideas	PRX-80081AKU	1	each	\$ 6.42	\$ 6.42	36	\$ 231.12
		Optional Cloud Printing Swipe Card	Rfideas	BDG-1326-ProxII	10	each	\$ 0.10	\$ 1.00	36	\$ 36.00
		Total for Band 5								\$ 227,317.32

Item No.	Order Type	Item Description	Brand Name	Model No.	Est. Quantity	Est. Quantity Unit of Measure	Unit Price Per Month	Total Price Per Month	No. of Months	Total Lease Term Cost
4	36 Month Lease, Continued	Color								
		Band 6								
		COPIER	Sharp	MX-6071S	10	each (per year)	\$ 151.66	\$ 1,516.60	36	\$ 54,597.60
		Fax Kit	Sharp	MX-FX15	3	each (per year)	\$ 8.95	\$ 26.85	36	\$ 966.60
		Output Tray	Sharp	MX-FN27N	1	each	\$ 16.08	\$ 16.08	36	\$ 578.88
		Finisher w/50-sheet stapling	Sharp	MX-FN28	1	each	\$ 24.68	\$ 24.68	36	\$ 888.48
		Finisher w/50-sheet stapling + booklet finisher	Sharp	MX-FN29	1	each	\$ 31.10	\$ 31.10	36	\$ 1,119.60
		Punch kit for floor finisher	Sharp	MX-PN14B	1	each	\$ 6.57	\$ 6.57	36	\$ 236.52
		Job separator tray	Sharp	MX-PN15B	1	each	\$ 6.57	\$ 6.57	36	\$ 236.52
		Paper Feed Cabinet w/ 1x500 universal drawer	Sharp	MX-TR20N	1	each	\$ 0.82	\$ 0.82	36	\$ 29.52
		Paper Feed Cabinet w/ 2x500 universal drawer	Sharp	MX-DE25N	1	each	\$ 6.75	\$ 6.75	36	\$ 243.00
		Paper Feed Cabinet w/large capacity tray 8 1/2 x 11	Sharp	MX-DE26N	1	each	\$ 8.42	\$ 8.42	36	\$ 303.12
		Large Capacity Tray 2000 sheets minimum	Sharp	MX-DE28N	1	each	\$ 17.32	\$ 17.32	36	\$ 623.52
		Large Capacity Trays 2 each	Sharp	MX-DE28N	1	each	\$ 17.32	\$ 17.32	36	\$ 623.52
		Keyboard	Sharp	INCLUDED	1	each	\$ -	\$ -	36	\$ -
		Basic Stand	Sharp	MX-60ABD	1	each	\$ 3.92	\$ 3.92	36	\$ 141.12
		Per Click Charge (Color) (includes maintenance and consumables)	Sharp		5,000	per month	\$ 0.0450	\$ 2,250.00	36	\$ 81,000.00
		Per Click Charge (Monochrome) (includes maintenance and consumables)	Sharp		18,000	per month	\$ 0.0049	\$ 882.00	36	\$ 31,752.00
		Optional Cloud Printing Software	Sharp	INCLUDED	1	each	\$ -	\$ -	36	\$ -
		Optional Card Reader	Rfideas	PRX-80081AKU	1	each	\$ 6.42	\$ 6.42	36	\$ 231.12
		Optional Cloud Printing Swipe Card	Rfideas	BDG-1326-ProxII	10	each	\$ 0.10	\$ 1.00	36	\$ 36.00
		Total for Band 6								\$ 173,607.12

Item No.	Order Type	Item Description	Brand Name	Model No.	Est. Quantity	Est. Quantity Unit of Measure	Unit Price Per Month	Total Price Per Month	No. of Months	Total Lease Term Cost
4	36 Month Lease, Continued	Color								
		Band 7								
		COPIER	Sharp	MX-7081	15	each (per year)	\$ 234.99	\$ 3,524.85	36	\$ 126,894.60
		Fax Kit	Sharp	MX-FX15	4	each (per year)	\$ 8.95	\$ 35.80	36	\$ 1,288.80
		Output Tray	Sharp	MX-FN27N	1	each	\$ 16.08	\$ 16.08	36	\$ 578.88
		Finisher w/50-sheet stapling	Sharp	MX-FN28	1	each	\$ 24.68	\$ 24.68	36	\$ 888.48
		Finisher w/50-sheet stapling + booklet finisher	Sharp	MX-FN29	1	each	\$ 31.10	\$ 31.10	36	\$ 1,119.60
		Punch kit for floor finisher	Sharp	MX-PN14B	1	each	\$ 6.57	\$ 6.57	36	\$ 236.52
		Job separator tray	Sharp	MX-PN15B	1	each	\$ 6.57	\$ 6.57	36	\$ 236.52
		Paper Feed Cabinet w/ 1x500 universal drawer	Sharp	MX-TR20N	1	each	\$ 0.82	\$ 0.82	36	\$ 29.52
		Paper Feed Cabinet w/ 2x500 universal drawer	Sharp	MX-DE25N	1	each	\$ 6.75	\$ 6.75	36	\$ 243.00
		Paper Feed Cabinet w/large capacity tray 8 1/2 x 11	Sharp	MX-DE26N	1	each	\$ 8.42	\$ 8.42	36	\$ 303.12
		Large Capacity Tray 2000 sheets minimum	Sharp	MX-DE28N	1	each	\$ 17.32	\$ 17.32	36	\$ 623.52
		Large Capacity Trays 2 each	Sharp	MX-DE28N	1	each	\$ 17.32	\$ 17.32	36	\$ 623.52
		Keyboard	Sharp	INCLUDED	1	each	\$ -	\$ -	36	\$ -
		Basic Stand	Sharp	MX-60ABD	1	each	\$ 3.92	\$ 3.92	36	\$ 141.12
		Per Click Charge (Color) (includes maintenance and consumables)	Sharp		10,000	per month	\$ 0.0450	\$ 6,750.00	36	\$ 243,000.00
		Per Click Charge (Monochrome) (includes maintenance and consumables)	Sharp		25,000	per month	\$ 0.0049	\$ 1,837.50	36	\$ 66,150.00
		Optional Cloud Printing Software	Sharp	INCLUDED	1	each	\$ -	\$ -	36	\$ -
		Optional Card Reader	Rfideas	PRX-80081AKU	1	each	\$ 6.42	\$ 6.42	36	\$ 231.12
		Optional Cloud Printing Swipe Card	Rfideas	BDG-1326-ProxII	10	each	\$ 0.10	\$ 1.00	36	\$ 36.00
		Total for Band 7								\$ 442,624.32
Total Monthly Lease Price of Color Bands 1 through 7 for 36 Month Lease										\$ 1,130,297.76

Item No.	Order Type	Description	Brand Name	Model No.	Est. Quantity	Est. Quantity Unit of Measure	Unit Price Per Month	Total Price Per Month	No. of Months	Total Lease Term Cost
5	48 Month Lease	Monochrome								
		Band 1								
		COPIER	Sharp	MX-B427W	18	each (per year)	\$ 17.76	\$ 319.68	48	\$ 15,344.64
		Fax Kit	Sharp	INCLUDED	4	each (per year)	\$ -	\$ -	48	\$ -
		Paper Feed Cabinet (500-sheet universal tray)	Sharp	MX-CS26	1	each	\$ 3.08	\$ 3.08	48	\$ 147.84
		Paper Feed Cabinet (2 x 500-sheet universal tray)	Sharp	NA	1	each	\$ -	\$ -	48	\$ -
		Basic Stand	Sharp	NA	1	each	\$ -	\$ -	48	\$ -
		Per Click Charge (includes maintenance and consumables)	Sharp		500	per month	\$ 0.0150	\$ 135.00	48	\$ 6,480.00
		Total for Band 1								\$ 21,972.48

Item No.	Order Type	Description	Brand Name	Model No.	Est. Quantity	Est. Quantity Unit of Measure	Unit Price Per Month	Total Price Per Month	No. of Months	Total Lease Term Cost
5	48 Month Lease, Continued	Monochrome								
		Band 2								
		COPIER	Sharp	MX-M2651	5	each (per year)	\$ 46.58	\$ 232.90	48	\$ 11,179.20
		Fax Kit	Sharp	MX-FX15	2	each (per year)	\$ 6.89	\$ 13.78	48	\$ 661.44
		Inner Finisher w/stapling	Sharp	MX-FN27N	1	each	\$ 12.37	\$ 12.37	48	\$ 593.76
		Floor Finisher w/stapling	Sharp	MX-FN28	1	each	\$ 18.98	\$ 18.98	48	\$ 911.04
		Punch kit for inner finisher	Sharp	MX-PN14B	1	each	\$ 5.05	\$ 5.05	48	\$ 242.40
		Punch kit for floor finisher	Sharp	MX-PN15B	1	each	\$ 5.05	\$ 5.05	48	\$ 242.40
		Job separator tray	Sharp	MX-TR20N	1	each	\$ 0.63	\$ 0.63	48	\$ 30.24
		Paper Feed Cabinet w/ 1x500 universal drawer	Sharp	MX-DE25N	1	each	\$ 5.19	\$ 5.19	48	\$ 249.12
		Paper Feed Cabinet w/ 2x500 universal drawer	Sharp	MX-DE26N	1	each	\$ 6.48	\$ 6.48	48	\$ 311.04
		Paper Feed Cabinet w/large capacity tray 8 1/2 x 11	Sharp	MX-LT10	1	each	\$ 1.99	\$ 1.99	48	\$ 95.52
		Per Click Charge (includes maintenance and consumables)	Sharp		2,200	per month	\$ 0.0049	\$ 53.90	48	\$ 2,587.20
		Optional Cloud Printing Software	Sharp	INCLUDED	1	each	\$ -	\$ -	48	\$ -
		Optional Card Reader	Rfideas	PRX-80081AKU	1	each	\$ 4.93	\$ 4.93	48	\$ 236.64
		Optional Cloud Printing Swipe Card	Rfideas	BDG-1326-ProxII	10	each	\$ 0.070	\$ 0.70	48	\$ 33.60
		Total for Band 2								\$ 17,373.60

Item No.	Order Type	Description	Brand Name	Model No.	Est. Quantity	Est. Quantity Unit of Measure	Unit Price Per Month	Total Price Per Month	No. of Months	Total Lease Term Cost
5	48 Month Lease, Continued	Monochrome								
		Band 3								
		COPIER	Sharp	MX-M3051	15	each (per year)	\$ 49.07	\$ 736.05	48	\$ 35,330.40
		Fax Kit	Sharp	MX-FX15	4	each (per year)	\$ 6.89	\$ 27.56	48	\$ 1,322.88
		Inner Finisher w/stapling	Sharp	MX-FN27N	1	each	\$ 12.37	\$ 12.37	48	\$ 593.76
		Floor Finisher w/stapling	Sharp	MX-FN28	1	each	\$ 18.98	\$ 18.98	48	\$ 911.04
		Floor Finisher w/stapling + Saddle Stitcher	Sharp	MX-FN29	1	each	\$ 23.92	\$ 23.92	48	\$ 1,148.16
		Punch kit for inner finisher	Sharp	MX-PN14B	1	each	\$ 5.05	\$ 5.05	48	\$ 242.40
		Punch kit for floor finisher	Sharp	MX-PN15B	1	each	\$ 5.05	\$ 5.05	48	\$ 242.40
		Job separator tray	Sharp	MX-TR20N	1	each	\$ 0.63	\$ 0.63	48	\$ 30.24
		Paper Feed Cabinet w/ 1x500 universal drawer	Sharp	MX-DE25N	1	each	\$ 5.19	\$ 5.19	48	\$ 249.12
		Paper Feed Cabinet w/ 2x500 universal drawer	Sharp	MX-DE26N	1	each	\$ 6.48	\$ 6.48	48	\$ 311.04
		Paper Feed Cabinet w/large capacity tray 8 1/2 x 11	Sharp	MX-DE28N	1	each	\$ 13.32	\$ 13.32	48	\$ 639.36
		Large Capacity trays 2 each	Sharp	MX-DE28N	1	each	\$ 13.32	\$ 13.32	48	\$ 639.36
		Keyboard	Sharp	INCLUDED	1	each	\$ -	\$ -	48	\$ -
		Basic Stand	Sharp	MX-60ABD	1	each	\$ 3.01	\$ 3.01	48	\$ 144.48
		Per Click Charge (includes maintenance and consumables)	Sharp		4,500	per month	\$ 0.0049	\$ 330.75	48	\$ 15,876.00
		Optional Cloud Printing Software	Sharp	INCLUDED	1	each	\$ -	\$ -	48	\$ -
		Optional Card Reader	Rfideas	PRX-80081AKU	1	each	\$ 4.93	\$ 4.93	48	\$ 236.64
		Optional Cloud Printing Swipe Card	Rfideas	BDG-1326-ProxII	10	each	\$ 0.070	\$ 0.70	48	\$ 33.60
		Total for Band 3								\$ 57,950.88

Item No.	Order Type	Description	Brand Name	Model No.	Est. Quantity	Est. Quantity Unit of Measure	Unit Price Per Month	Total Price Per Month	No. of Months	Total Lease Term Cost
5	48 Month Lease, Continued	Monochrome								
		Band 4								
		COPIER	Sharp	MX-M4071S	135	each (per year)	\$ 70.18	\$ 9,474.30	48	\$ 454,766.40
		Fax Kit	Sharp	MX-FX15	34	each (per year)	\$ 6.89	\$ 234.26	48	\$ 11,244.48
		Finisher w/50-sheet stapling	Sharp	MX-FN27N	1	each	\$ 12.37	\$ 12.37	48	\$ 593.76
		Finisher w/50-sheet stapling + booklet finisher	Sharp	MX-FN28	1	each	\$ 18.98	\$ 18.98	48	\$ 911.04
		Punch kit for floor finisher	Sharp	MX-PN14B	1	each	\$ 5.05	\$ 5.05	48	\$ 242.40
		Job separator tray	Sharp	MX-TR20N	1	each	\$ 0.63	\$ 0.63	48	\$ 30.24
		Paper Feed Cabinet w/ 1x500 universal drawer	Sharp	MX-DE25N	1	each	\$ 5.19	\$ 5.19	48	\$ 249.12
		Paper Feed Cabinet w/ 2x500 universal drawer	Sharp	MX-DE26N	1	each	\$ 6.48	\$ 6.48	48	\$ 311.04
		Paper Feed Cabinet w/large capacity tray 8 1/2 x 11	Sharp	MX-DE28N	1	each	\$ 13.32	\$ 13.32	48	\$ 639.36
		Large Capacity Tray 2000 sheets minimum	Sharp	MX-DE28N	1	each	\$ 13.32	\$ 13.32	48	\$ 639.36
		Large Capacity Trays 2 each	Sharp	MX-DE28N	1	each	\$ 13.32	\$ 13.32	48	\$ 639.36
		Keyboard	Sharp	INCLUDED	1	each	\$ -	\$ -	48	\$ -
		Basic Stand	Sharp	MX-60ABD	1	each	\$ 3.01	\$ 3.01	48	\$ 144.48
		Per Click Charge (includes maintenance and consumables)	Sharp		7,000	per month	\$ 0.0049	\$ 4,630.50	48	\$ 222,264.00
		Optional Cloud Printing Software	Sharp	INCLUDED	1	each	\$ -	\$ -	48	\$ -
		Optional Card Reader	Rfideas	PRX-80081AKU	1	each	\$ 4.93	\$ 4.93	48	\$ 236.64
		Optional Cloud Printing Swipe Card	Rfideas	BDG-1326-ProxII	10	each	\$ 0.070	\$ 0.70	48	\$ 33.60
		Total for Band 4								\$ 692,945.28

Item No.	Order Type	Description	Brand Name	Model No.	Est. Quantity	Est. Quantity Unit of Measure	Unit Price Per Month	Total Price Per Month	No. of Months	Total Lease Term Cost
5	48 Month Lease, Continued	Monochrome								
		Band 5								
		COPIER	Sharp	MX-M5071S	25	each (per year)	\$ 75.84	\$ 1,896.00	48	\$ 91,008.00
		Fax Kit	Sharp	MX-FX15	6	each (per year)	\$ 6.89	\$ 41.34	48	\$ 1,984.32
		Finisher w/50-sheet stapling	Sharp	MX-FN27N	1	each	\$ 12.37	\$ 12.37	48	\$ 593.76
		Finisher w/50-sheet stapling + booklet finisher	Sharp	MX-FN28	1	each	\$ 18.98	\$ 18.98	48	\$ 911.04
		Punch kit for floor finisher	Sharp	MX-PN14B	1	each	\$ 5.05	\$ 5.05	48	\$ 242.40
		Job separator tray	Sharp	MX-TR20N	1	each	\$ 0.63	\$ 0.63	48	\$ 30.24
		Paper Feed Cabinet w/ 1x500 universal drawer	Sharp	MX-DE25N	1	each	\$ 5.19	\$ 5.19	48	\$ 249.12
		Paper Feed Cabinet w/ 2x500 universal drawer	Sharp	MX-DE26N	1	each	\$ 6.48	\$ 6.48	48	\$ 311.04
		Paper Feed Cabinet w/large capacity tray 8 1/2 x 11	Sharp	MX-DE28N	1	each	\$ 13.32	\$ 13.32	48	\$ 639.36
		Large Capacity Tray 2000 sheets minimum	Sharp	MX-DE28N	1	each	\$ 13.32	\$ 13.32	48	\$ 639.36
		Large Capacity Trays 2 each	Sharp	MX-DE28N	1	each	\$ 13.32	\$ 13.32	48	\$ 639.36
		Keyboard	Sharp	INCLUDED	1	each	\$ -	\$ -	48	\$ -
		Basic Stand	Sharp	MX-60ABD	1	each	\$ 3.01	\$ 3.01	48	\$ 144.48
		Per Click Charge (includes maintenance and consumables)	Sharp		12,000	per month	\$ 0.0049	\$ 1,470.00	48	\$ 70,560.00
		Optional Cloud Printing Software	Sharp	INCLUDED	1	each	\$ -	\$ -	48	\$ -
		Optional Card Reader	Rfideas	PRX-80081AKU	1	each	\$ 4.93	\$ 4.93	48	\$ 236.64
		Optional Cloud Printing Swipe Card	Rfideas	BDG-1326-ProxII	10	each	\$ 0.070	\$ 0.70	48	\$ 33.60
		Total for Band 5								\$ 168,222.72

Item No.	Order Type	Description	Brand Name	Model No.	Est. Quantity	Est. Quantity Unit of Measure	Unit Price Per Month	Total Price Per Month	No. of Months	Total Lease Term Cost
5	48 Month Lease, Continued	Monochrome								
		Band 6								
		COPIER	Sharp	MX-M6071S	10	each (per year)	\$ 87.74	\$ 877.40	48	\$ 42,115.20
		Fax Kit	Sharp	MX-FX15	3	each (per year)	\$ 6.89	\$ 20.67	48	\$ 992.16
		Output Tray	Sharp	MX-FN27N	1	each	\$ 12.37	\$ 12.37	48	\$ 593.76
		Finisher w/50-sheet stapling	Sharp	MX-FN28	1	each	\$ 18.98	\$ 18.98	48	\$ 911.04
		Finisher w/50-sheet stapling + booklet finisher	Sharp	MX-FN29	1	each	\$ 23.92	\$ 23.92	48	\$ 1,148.16
		Punch kit for floor finisher	Sharp	MX-PN14B	1	each	\$ 5.05	\$ 5.05	48	\$ 242.40
		Job separator tray	Sharp	MX-PN15B	1	each	\$ 5.05	\$ 5.05	48	\$ 242.40
		Paper Feed Cabinet w/ 1x500 universal drawer	Sharp	MX-TR20N	1	each	\$ 0.63	\$ 0.63	48	\$ 30.24
		Paper Feed Cabinet w/ 2x500 universal drawer	Sharp	MX-DE25N	1	each	\$ 5.19	\$ 5.19	48	\$ 249.12
		Paper Feed Cabinet w/large capacity tray 8 1/2 x 11	Sharp	MX-DE26N	1	each	\$ 6.48	\$ 6.48	48	\$ 311.04
		Large Capacity Tray 2000 sheets minimum	Sharp	MX-DE28N	1	each	\$ 13.32	\$ 13.32	48	\$ 639.36
		Large Capacity Trays 2 each	Sharp	MX-DE28N	1	each	\$ 13.32	\$ 13.32	48	\$ 639.36
		Keyboard	Sharp	INCLUDED	1	each	\$ -	\$ -	48	\$ -
		Basic Stand	Sharp	MX-60ABD	1	each	\$ 3.01	\$ 3.01	48	\$ 144.48
		Per Click Charge (includes maintenance and consumables)	Sharp		18,000	per month	\$ 0.0049	\$ 882.00	48	\$ 42,336.00
		Optional Cloud Printing Software	Sharp	INCLUDED	1	each	\$ -	\$ -	48	\$ -
		Optional Card Reader	Rfideas	PRX-80081AKU	1	each	\$ 4.93	\$ 4.93	48	\$ 236.64
		Optional Cloud Printing Swipe Card	Rfideas	BDG-1326-ProxII	10	each	\$ 0.070	\$ 0.70	48	\$ 33.60
		Total for Band 6								\$ 90,864.96

Item No.	Order Type	Description	Brand Name	Model No.	Est. Quantity	Est. Quantity Unit of Measure	Unit Price Per Month	Total Price Per Month	No. of Months	Total Lease Term Cost
5	48 Month Lease, Continued	Monochrome								
		Band 7								
		COPIER	Sharp	MX-M7570	20	each (per year)	\$ 129.68	\$ 2,593.60	48	\$ 124,492.80
		Fax Kit	Sharp	MX-FX15	5	each (per year)	\$ 6.89	\$ 34.45	48	\$ 1,653.60
		Output Tray	Sharp	MX-FN27N	1	each	\$ 12.37	\$ 12.37	48	\$ 593.76
		Finisher w/50-sheet stapling	Sharp	MX-FN28	1	each	\$ 18.98	\$ 18.98	48	\$ 911.04
		Finisher w/50-sheet stapling + booklet finisher	Sharp	MX-FN29	1	each	\$ 23.92	\$ 23.92	48	\$ 1,148.16
		Punch kit for floor finisher	Sharp	MX-PN14B	1	each	\$ 5.05	\$ 5.05	48	\$ 242.40
		Job separator tray	Sharp	MX-PN15B	1	each	\$ 5.05	\$ 5.05	48	\$ 242.40
		Paper Feed Cabinet w/ 1x500 universal drawer	Sharp	MX-TR20N	1	each	\$ 0.63	\$ 0.63	48	\$ 30.24
		Paper Feed Cabinet w/ 2x500 universal drawer	Sharp	MX-DE25N	1	each	\$ 5.19	\$ 5.19	48	\$ 249.12
		Paper Feed Cabinet w/large capacity tray 8 1/2 x 11	Sharp	MX-DE26N	1	each	\$ 6.48	\$ 6.48	48	\$ 311.04
		Large Capacity Tray 2000 sheets minimum	Sharp	MX-DE28N	1	each	\$ 13.32	\$ 13.32	48	\$ 639.36
		Large Capacity Trays 2 each	Sharp	MX-DE28N	1	each	\$ 13.32	\$ 13.32	48	\$ 639.36
		Keyboard	Sharp	INCLUDED	1	each	\$ -	\$ -	48	\$ -
		Basic Stand	Sharp	MX-60ABD	1	each	\$ 3.01	\$ 3.01	48	\$ 144.48
		Per Click Charge (includes maintenance and consumables)	Sharp		25,000	per month	\$ 0.0049	\$ 2,450.00	48	\$ 117,600.00
		Optional Cloud Printing Software	Sharp	INCLUDED	1	each	\$ -	\$ -	48	\$ -
		Optional Card Reader	Rfideas	PRX-80081AKU	1	each	\$ 4.93	\$ 4.93	48	\$ 236.64
		Optional Cloud Printing Swipe Card	Rfideas	BDG-1326-ProxII	10	each	\$ 0.070	\$ 0.70	48	\$ 33.60
		Total for Band 7								\$ 249,168.00
Overall Total Monthly Lease Price of Monochrome Bands 1 through 7 for 48 Month Lease										\$ 1,298,497.92

Item No.	Order Type	Item Description	Brand Name	Model No.	Est. Quantity	Est. Quantity Unit of Measure	Unit Price Per Month	Total Price Per Month	No. of Months	Total Lease Term Cost
6	48 Month Lease	Color								
		Band 1								
		COPIER	Sharp	MX-C303WH	5	each (per year)	\$ 45.13	\$ 225.65	48	\$ 10,831.20
		Fax Kit	Sharp	INCLUDED	2	each (per year)	\$ -	\$ -	48	\$ -
		Paper Feed Cabinet (500-sheet universal tray)	Sharp	MX-CS26	1	each	\$ 3.08	\$ 3.08	48	\$ 147.84
		Paper Feed Cabinet (2 x 500-sheet universal tray)	Sharp	NA	1	each	\$ -	\$ -	48	\$ -
		Basic Stand	Sharp	NA	1	each	\$ -	\$ -	48	\$ -
		Per Click Charge (Color) (includes maintenance and consumables)	Sharp		200	per month	\$ 0.0650	\$ 65.00	48	\$ 3,120.00
		Per Click Charge (Monochrome) (includes maintenance and consumables)	Sharp		500	per month	\$ 0.0150	\$ 37.50	48	\$ 1,800.00
		Total for Band 1								\$ 15,899.04

Item No.	Order Type	Item Description	Brand Name	Model No.	Est. Quantity	Est. Quantity Unit of Measure	Unit Price Per Month	Total Price Per Month	No. of Months	Total Lease Term Cost
6	48 Month Lease, Continued	Color								
		Band 2								
		COPIER	Sharp	MX-2651	10	each (per year)	\$ 53.42	\$ 534.20	48	\$ 25,641.60
		Fax Kit	Sharp	MX-FX15	3	each (per year)	\$ 6.89	\$ 20.67	48	\$ 992.16
		Inner Finisher w/stapling	Sharp	MX-FN27N	1	each	\$ 12.37	\$ 12.37	48	\$ 593.76
		Floor Finisher w/stapling	Sharp	MX-FN28	1	each	\$ 18.98	\$ 18.98	48	\$ 911.04
		Punch kit for inner finisher	Sharp	MX-PN14B	1	each	\$ 5.05	\$ 5.05	48	\$ 242.40
		Punch kit for floor finisher	Sharp	MX-PN15B	1	each	\$ 5.05	\$ 5.05	48	\$ 242.40
		Job separator tray	Sharp	MX-TR20N	1	each	\$ 0.63	\$ 0.63	48	\$ 30.24
		Paper Feed Cabinet w/ 1x500 universal drawer	Sharp	MX-DE25N	1	each	\$ 5.19	\$ 5.19	48	\$ 249.12
		Paper Feed Cabinet w/ 2x500 universal drawer	Sharp	MX-DE26N	1	each	\$ 6.48	\$ 6.48	48	\$ 311.04
		Paper Feed Cabinet w/large capacity tray 8 1/2 x 11	Sharp	MX-LT10	1	each	\$ 1.99	\$ 1.99	48	\$ 95.52
		Per Click Charge (Color) (includes maintenance and consumables)	Sharp		1,000	per month	\$ 0.0450	\$ 450.00	48	\$ 21,600.00
		Per Click Charge (Monochrome) (includes maintenance and consumables)	Sharp		2,200	per month	\$ 0.0049	\$ 107.80	48	\$ 5,174.40
		Optional Cloud Printing Software	Sharp	INCLUDED	1	each	\$ -	\$ -	48	\$ -
		Optional Card Reader	Rfideas	PRX-80081AKU	1	each	\$ 4.93	\$ 4.93	48	\$ 236.64
		Optional Cloud Printing Swipe Card	Rfideas	BDG-1326-ProxII	10	each	\$ 0.070	\$ 0.70	48	\$ 33.60
		Total for Band 2								\$ 56,353.92

Item No.	Order Type	Item Description	Brand Name	Model No.	Est. Quantity	Est. Quantity Unit of Measure	Unit Price Per Month	Total Price Per Month	No. of Months	Total Lease Term Cost
6	48 Month Lease, Continued	Color								
		Band 3								
		COPIER	Sharp	MX-3051	10	each (per year)	\$ 60.26	\$ 602.60	48	\$ 28,924.80
		Fax Kit	Sharp	MX-FX15	3	each (per year)	\$ 6.89	\$ 20.67	48	\$ 992.16
		Inner Finisher w/stapling	Sharp	MX-FN27N	1	each	\$ 12.37	\$ 12.37	48	\$ 593.76
		Floor Finisher w/stapling	Sharp	MX-FN28	1	each	\$ 18.98	\$ 18.98	48	\$ 911.04
		Floor Finisher w/stapling + Saddle Stitcher	Sharp	MX-FN29	1	each	\$ 23.92	\$ 23.92	48	\$ 1,148.16
		Punch kit for inner finisher	Sharp	MX-PN14B	1	each	\$ 5.05	\$ 5.05	48	\$ 242.40
		Punch kit for floor finisher	Sharp	MX-PN15B	1	each	\$ 5.05	\$ 5.05	48	\$ 242.40
		Job separator tray	Sharp	MX-TR20N	1	each	\$ 0.63	\$ 0.63	48	\$ 30.24
		Paper Feed Cabinet w/ 1x500 universal drawer	Sharp	MX-DE25N	1	each	\$ 5.19	\$ 5.19	48	\$ 249.12
		Paper Feed Cabinet w/ 2x500 universal drawer	Sharp	MX-DE26N	1	each	\$ 6.48	\$ 6.48	48	\$ 311.04
		Paper Feed Cabinet w/large capacity tray 8 1/2 x 11	Sharp	MX-DE28N	1	each	\$ 13.32	\$ 13.32	48	\$ 639.36
		Large Capacity trays 2 each	Sharp	MX-DE28N	1	each	\$ 13.32	\$ 13.32	48	\$ 639.36
		Keyboard	Sharp	INCLUDED	1	each	\$ -	\$ -	48	\$ -
		Basic Stand	Sharp	MX-60ABD	1	each	\$ 3.01	\$ 3.01	48	\$ 144.48
		Per Click Charge (Color) (includes maintenance and consumables)	Sharp		1,000	per month	\$ 0.0450	\$ 450.00	48	\$ 21,600.00
		Per Click Charge (Monochrome) (includes maintenance and consumables)	Sharp		4,500	per month	\$ 0.0049	\$ 220.50	48	\$ 10,584.00
		Optional Cloud Printing Software	Sharp	INCLUDED	1	each	\$ -	\$ -	48	\$ -
		Optional Card Reader	Rfideas	PRX-80081AKU	1	each	\$ 4.93	\$ 4.93	48	\$ 236.64
		Optional Cloud Printing Swipe Card	Rfideas	BDG-1326-ProxII	10	each	\$ 0.070	\$ 0.70	48	\$ 33.60
		Total for Band 3								\$ 67,522.56

Item No.	Order Type	Item Description	Brand Name	Model No.	Est. Quantity	Est. Quantity Unit of Measure	Unit Price Per Month	Total Price Per Month	No. of Months	Total Lease Term Cost
6	48 Month Lease, Continued	Color								
		Band 4								
		COPIER	Sharp	MX-4071S	180	each (per year)	\$ 91.99	\$ 16,558.20	48	\$ 794,793.60
		Fax Kit	Sharp	MX-FX15	45	each (per year)	\$ 6.89	\$ 310.05	48	\$ 14,882.40
		Finisher w/50-sheet stapling	Sharp	MX-FN27N	1	each	\$ 12.37	\$ 12.37	48	\$ 593.76
		Finisher w/50-sheet stapling + booklet finisher	Sharp	MX-FN28	1	each	\$ 18.98	\$ 18.98	48	\$ 911.04
		Punch kit for floor finisher	Sharp	MX-PN14B	1	each	\$ 5.05	\$ 5.05	48	\$ 242.40
		Job separator tray	Sharp	MX-TR20N	1	each	\$ 0.63	\$ 0.63	48	\$ 30.24
		Paper Feed Cabinet w/ 1x500 universal drawer	Sharp	MX-DE25N	1	each	\$ 5.19	\$ 5.19	48	\$ 249.12
		Paper Feed Cabinet w/ 2x500 universal drawer	Sharp	MX-DE26N	1	each	\$ 6.48	\$ 6.48	48	\$ 311.04
		Paper Feed Cabinet w/large capacity tray 8 1/2 x 11	Sharp	MX-DE28N	1	each	\$ 13.32	\$ 13.32	48	\$ 639.36
		Large Capacity Tray 2000 sheets minimum	Sharp	MX-DE28N	1	each	\$ 13.32	\$ 13.32	48	\$ 639.36
		Large Capacity Trays 2 each	Sharp	MX-DE28N	1	each	\$ 13.32	\$ 13.32	48	\$ 639.36
		Keyboard	Sharp	INCLUDED	1	each	\$ -	\$ -	48	\$ -
		Basic Stand	Sharp	MX-60ABD	1	each	\$ 3.01	\$ 3.01	48	\$ 144.48
		Per Click Charge (Color) (includes maintenance and consumables)	Sharp		3,000	per month	\$ 0.0450	\$ 24,300.00	48	\$ 1,166,400.00
		Per Click Charge (Monochrome) (includes maintenance and consumables)	Sharp		7,000	per month	\$ 0.0049	\$ 6,174.00	48	\$ 296,352.00
		Optional Cloud Printing Software	Sharp	INCLUDED	1	each	\$ -	\$ -	48	\$ -
		Optional Card Reader	Rfideas	PRX-80081AKU	1	each	\$ 4.93	\$ 4.93	48	\$ 236.64
		Optional Cloud Printing Swipe Card	Rfideas	BDG-1326-ProxII	10	each	\$ 0.070	\$ 0.70	48	\$ 33.60
		Total for Band 4								\$ 2,277,098.40

Item No.	Order Type	Item Description	Brand Name	Model No.	Est. Quantity	Est. Quantity Unit of Measure	Unit Price Per Month	Total Price Per Month	No. of Months	Total Lease Term Cost
6	48 Month Lease, Continued	Color								
		Band 5								
		COPIER	Sharp	MX-5071S	150	each (per year)	\$ 97.15	\$ 14,572.50	48	\$ 699,480.00
		Fax Kit	Sharp	MX-FX15	38	each (per year)	\$ 6.89	\$ 261.82	48	\$ 12,567.36
		Finisher w/50-sheet stapling	Sharp	MX-FN27N	1	each	\$ 12.37	\$ 12.37	48	\$ 593.76
		Finisher w/50-sheet stapling + booklet finisher	Sharp	MX-FN28	1	each	\$ 18.98	\$ 18.98	48	\$ 911.04
		Punch kit for floor finisher	Sharp	MX-PN14B	1	each	\$ 5.05	\$ 5.05	48	\$ 242.40
		Job separator tray	Sharp	MX-TR20N	1	each	\$ 0.63	\$ 0.63	48	\$ 30.24
		Paper Feed Cabinet w/ 1x500 universal drawer	Sharp	MX-DE25N	1	each	\$ 5.19	\$ 5.19	48	\$ 249.12
		Paper Feed Cabinet w/ 2x500 universal drawer	Sharp	MX-DE26N	1	each	\$ 6.48	\$ 6.48	48	\$ 311.04
		Paper Feed Cabinet w/large capacity tray 8 1/2 x 11	Sharp	MX-DE28N	1	each	\$ 13.32	\$ 13.32	48	\$ 639.36
		Large Capacity Tray 2000 sheets minimum	Sharp	MX-DE28N	1	each	\$ 13.32	\$ 13.32	48	\$ 639.36
		Large Capacity Trays 2 each	Sharp	MX-DE28N	1	each	\$ 13.32	\$ 13.32	48	\$ 639.36
		Keyboard	Sharp	INCLUDED	1	each	\$ -	\$ -	48	\$ -
		Basic Stand	Sharp	MX-60ABD	1	each	\$ 3.01	\$ 3.01	48	\$ 144.48
		Per Click Charge (Color) (includes maintenance and consumables)	Sharp		5,000	per month	\$ 0.0450	\$ 33,750.00	48	\$ 1,620,000.00
		Per Click Charge (Monochrome) (includes maintenance and consumables)	Sharp		12,000	per month	\$ 0.0049	\$ 8,820.00	48	\$ 423,360.00
		Optional Cloud Printing Software	Sharp	INCLUDED	1	each	\$ -	\$ -	48	\$ -
		Optional Card Reader	Rfideas	PRX-80081AKU	1	each	\$ 4.93	\$ 4.93	48	\$ 236.64
		Optional Cloud Printing Swipe Card	Rfideas	BDG-1326-ProxII	10	each	\$ 0.070	\$ 0.70	48	\$ 33.60
		Total for Band 5								\$ 2,760,077.76

Item No.	Order Type	Item Description	Brand Name	Model No.	Est. Quantity	Est. Quantity Unit of Measure	Unit Price Per Month	Total Price Per Month	No. of Months	Total Lease Term Cost
6	48 Month Lease, Continued	Color								
		Band 6								
		COPIER	Sharp	MX-6071S	100	each (per year)	\$ 116.63	\$ 11,663.00	48	\$ 559,824.00
		Fax Kit	Sharp	MX-FX15	25	each (per year)	\$ 6.89	\$ 172.25	48	\$ 8,268.00
		Output Tray	Sharp	MX-FN27N	1	each	\$ 12.37	\$ 12.37	48	\$ 593.76
		Finisher w/50-sheet stapling	Sharp	MX-FN28	1	each	\$ 18.98	\$ 18.98	48	\$ 911.04
		Finisher w/50-sheet stapling + booklet finisher	Sharp	MX-FN29	1	each	\$ 23.92	\$ 23.92	48	\$ 1,148.16
		Punch kit for floor finisher	Sharp	MX-PN14B	1	each	\$ 5.05	\$ 5.05	48	\$ 242.40
		Job separator tray	Sharp	MX-PN15B	1	each	\$ 5.05	\$ 5.05	48	\$ 242.40
		Paper Feed Cabinet w/ 1x500 universal drawer	Sharp	MX-TR20N	1	each	\$ 0.63	\$ 0.63	48	\$ 30.24
		Paper Feed Cabinet w/ 2x500 universal drawer	Sharp	MX-DE25N	1	each	\$ 5.19	\$ 5.19	48	\$ 249.12
		Paper Feed Cabinet w/large capacity tray 8 1/2 x 11	Sharp	MX-DE26N	1	each	\$ 6.48	\$ 6.48	48	\$ 311.04
		Large Capacity Tray 2000 sheets minimum	Sharp	MX-DE28N	1	each	\$ 13.32	\$ 13.32	48	\$ 639.36
		Large Capacity Trays 2 each	Sharp	MX-DE28N	1	each	\$ 13.32	\$ 13.32	48	\$ 639.36
		Keyboard	Sharp	INCLUDED	1	each	\$ -	\$ -	48	\$ -
		Basic Stand	Sharp	MX-60ABD	1	each	\$ 3.01	\$ 3.01	48	\$ 144.48
		Per Click Charge (Color) (includes maintenance and consumables)	Sharp		5,000	per month	\$ 0.0450	\$ 22,500.00	48	\$ 1,080,000.00
		Per Click Charge (Monochrome) (includes maintenance and consumables)	Sharp		18,000	per month	\$ 0.0049	\$ 8,820.00	48	\$ 423,360.00
		Optional Cloud Printing Software	Sharp	INCLUDED	1	each	\$ -	\$ -	48	\$ -
		Optional Card Reader	Rfideas	PRX-80081AKU	1	each	\$ 4.93	\$ 4.93	48	\$ 236.64
		Optional Cloud Printing Swipe Card	Rfideas	BDG-1326-ProxII	10	each	\$ 0.070	\$ 0.70	48	\$ 33.60
		Total for Band 6								\$ 2,076,873.60

Item No.	Order Type	Item Description	Brand Name	Model No.	Est. Quantity	Est. Quantity Unit of Measure	Unit Price Per Month	Total Price Per Month	No. of Months	Total Lease Term Cost
6	48 Month Lease, Continued	Color								
		Band 7								
		COPIER	Sharp	MX-7081	65	each (per year)	\$ 180.72	\$ 11,746.80	48	\$ 563,846.40
		Fax Kit	Sharp	MX-FX15	16	each (per year)	\$ 6.89	\$ 110.24	48	\$ 5,291.52
		Output Tray	Sharp	MX-FN27N	1	each	\$ 12.37	\$ 12.37	48	\$ 593.76
		Finisher w/50-sheet stapling	Sharp	MX-FN28	1	each	\$ 18.98	\$ 18.98	48	\$ 911.04
		Finisher w/50-sheet stapling + booklet finisher	Sharp	MX-FN29	1	each	\$ 23.92	\$ 23.92	48	\$ 1,148.16
		Punch kit for floor finisher	Sharp	MX-PN14B	1	each	\$ 5.05	\$ 5.05	48	\$ 242.40
		Job separator tray	Sharp	MX-PN15B	1	each	\$ 5.05	\$ 5.05	48	\$ 242.40
		Paper Feed Cabinet w/ 1x500 universal drawer	Sharp	MX-TR20N	1	each	\$ 0.63	\$ 0.63	48	\$ 30.24
		Paper Feed Cabinet w/ 2x500 universal drawer	Sharp	MX-DE25N	1	each	\$ 5.19	\$ 5.19	48	\$ 249.12
		Paper Feed Cabinet w/large capacity tray 8 1/2 x 11	Sharp	MX-DE26N	1	each	\$ 6.48	\$ 6.48	48	\$ 311.04
		Large Capacity Tray 2000 sheets minimum	Sharp	MX-DE28N	1	each	\$ 13.32	\$ 13.32	48	\$ 639.36
		Large Capacity Trays 2 each	Sharp	MX-DE28N	1	each	\$ 13.32	\$ 13.32	48	\$ 639.36
		Keyboard	Sharp	INCLUDED	1	each	\$ -	\$ -	48	\$ -
		Basic Stand	Sharp	MX-60ABD	1	each	\$ 3.01	\$ 3.01	48	\$ 144.48
		Per Click Charge (Color) (includes maintenance and consumables)	Sharp		10,000	per month	\$ 0.0450	\$ 29,250.00	48	\$ 1,404,000.00
		Per Click Charge (Monochrome) (includes maintenance and consumables)	Sharp		25,000	per month	\$ 0.0049	\$ 7,962.50	48	\$ 382,200.00
		Optional Cloud Printing Software	Sharp	INCLUDED	1	each	\$ -	\$ -	48	\$ -
		Optional Card Reader	Rfideas	PRX-80081AKU	1	each	\$ 4.93	\$ 4.93	48	\$ 236.64
		Optional Cloud Printing Swipe Card	Rfideas	BDG-1326-ProxII	10	each	\$ 0.070	\$ 0.70	48	\$ 33.60
		Total for Band 7								\$ 2,360,759.52
		Total Monthly Lease Price of Color Bands 1 through 7 for 48 Month Lease								\$ 9,614,584.80

Total Price for All Items		
Item 1	Overall Total Purchase Price of Monochrome Bands 1 - 7	\$ 191,788.60
Item 2	Overall Total Purchase Price of Color Bands 1 - 7	\$ 636,391.60
Item 3	Overall Total Monthly Lease Price of Monochrome Bands 1 - 7 for 36 Month Lease	\$ 233,845.56
Item 4	Overall Total Monthly Lease Price of Color Bands 1 - 7 for 36 Month Lease	\$ 1,130,297.76
Item 5	Overall Total Monthly Lease Price of Monochrome Bands 1 - 7 for 48 Month Lease	\$ 1,298,497.92
Item 6	Overall Total Monthly Lease Price of Color Bands 1 - 7 for 48 Month Lease	\$ 9,614,584.80
Item 7	Additional Accessory MSRP List Price Single Discount Percentage Cost & Lease Factor Cost	\$ 1,450,012.50
Overall Total Bid Price for All Items		\$ 14,555,418.74

<u>Vendor Information:</u>	
Company Name:	
Contact Name:	
Phone No.:	
Fax No.:	
Email:	
Authorized Signature:	

West Virginia Ethics Commission



Disclosure of Interested Parties to Contracts

Pursuant to *W. Va. Code* § 6D-1-2, a state agency may not enter into a contract, or a series of related contracts, that has/have an actual or estimated value of \$1 million or more until the business entity submits to the contracting state agency a Disclosure of Interested Parties to the applicable contract. In addition, the business entity awarded a contract is obligated to submit a supplemental Disclosure of Interested Parties reflecting any new or differing interested parties to the contract within 30 days following the completion or termination of the applicable contract.

For purposes of complying with these requirements, the following definitions apply:

"Business entity" means any entity recognized by law through which business is conducted, including a sole proprietorship, partnership or corporation, but does not include publicly traded companies listed on a national or international stock exchange.

"Interested party" or *"Interested parties"* means:

- (1) A business entity performing work or service pursuant to, or in furtherance of, the applicable contract, including specifically sub-contractors;
- (2) the person(s) who have an ownership interest equal to or greater than 25% in the business entity performing work or service pursuant to, or in furtherance of, the applicable contract. (This subdivision does not apply to a publicly traded company); and
- (3) the person or business entity, if any, that served as a compensated broker or intermediary to actively facilitate the applicable contract or negotiated the terms of the applicable contract with the state agency. (This subdivision does not apply to persons or business entities performing legal services related to the negotiation or drafting of the applicable contract.)

"State agency" means a board, commission, office, department or other agency in the executive, judicial or legislative branch of state government, including publicly funded institutions of higher education: Provided, that for purposes of *W. Va. Code* § 6D-1-2, the West Virginia Investment Management Board shall not be deemed a state agency nor subject to the requirements of that provision.

The contracting business entity must complete this form and submit it to the contracting state agency prior to contract award and to complete another form within 30 days of contract completion or termination.

This form was created by the State of West Virginia Ethics Commission, 210 Brooks Street, Suite 300, Charleston, WV 25301-1804. Telephone: (304)558-0664; fax: (304)558-2169; e-mail: ethics@wv.gov; website: www.ethics.wv.gov.

West Virginia Ethics Commission
Disclosure of Interested Parties to Contracts

(Required by *W. Va. Code* § 6D-1-2)

Name of Contracting Business Entity: _____ Address: _____

Name of Authorized Agent: _____ Address: _____

Contract Number: _____ Contract Description: _____

Governmental agency awarding contract: _____

Check here if this is a Supplemental Disclosure

List the Names of Interested Parties to the contract which are known or reasonably anticipated by the contracting business entity for each category below (*attach additional pages if necessary*):

1. Subcontractors or other entities performing work or service under the Contract

Check here if none, otherwise list entity/individual names below.

2. Any person or entity who owns 25% or more of contracting entity (not applicable to publicly traded entities)

Check here if none, otherwise list entity/individual names below.

3. Any person or entity that facilitated, or negotiated the terms of, the applicable contract (excluding legal services related to the negotiation or drafting of the applicable contract)

Check here if none, otherwise list entity/individual names below.

Signature: 

Date Signed: _____

Notary Verification

State of _____, County of _____:

I, _____, the authorized agent of the contracting business entity listed above, being duly sworn, acknowledge that the Disclosure herein is being made under oath and under the penalty of perjury.

Taken, sworn to and subscribed before me this _____ day of _____, _____.


Notary Public's Signature

To be completed by State Agency:

Date Received by State Agency: _____

Date submitted to Ethics Commission: _____

Governmental agency submitting Disclosure: Purchasing Division

FEDERAL FUNDS ADDENDUM

2 C.F.R. §§ 200.317 – 200.327

Purpose: This addendum is intended to modify the solicitation in an attempt to make the contract compliant with the requirements of 2 C.F.R. §§ 200.317 through 200.327 relating to the expenditure of certain federal funds. This solicitation will allow the State to obtain one or more contracts that satisfy standard state procurement, state federal funds procurement, and county/local federal funds procurement requirements.

Instructions: Vendors who are willing to extend their contract to procurements with federal funds and the requirements that go along with doing so, should sign the attached document identified as: “REQUIRED CONTRACT PROVISIONS FOR NON-FEDERAL ENTITY CONTRACTS UNDER FEDERAL AWARDS (2 C.F.R. § 200.317)”

Should the awarded vendor be unwilling to extend the contract to federal funds procurement, the State reserves the right to award additional contracts to vendors that can and are willing to meet federal funds procurement requirements.

Changes to Specifications: Vendors should consider this solicitation as containing two separate solicitations, one for state level procurement and one for county/local procurement.

State Level: In the first solicitation, bid responses will be evaluated with applicable preferences identified in sections 15, 15A, and 16 of the “Instructions to Vendors Submitting Bids” to establish a contract for both standard state procurements and state federal funds procurements.

County Level: In the second solicitation, bid responses will be evaluated with applicable preferences identified in Sections 15, 15A, and 16 of the “Instructions to Vendors Submitting Bids” omitted to establish a contract for County/Local federal funds procurement.

Award: If the two evaluations result in the same vendor being identified as the winning bidder, the two solicitations will be combined into a single contract award. If the evaluations result in a different bidder being identified as the winning bidder, multiple contracts may be awarded. The State reserves the right to award to multiple different entities should it be required to satisfy standard state procurement, state federal funds procurement, and county/local federal funds procurement requirements.

State Government Use Caution: State agencies planning to utilize this contract for procurements subject to the above identified federal regulations should first consult with the federal agency providing the applicable funding to ensure the contract is complaint.

County/Local Government Use Caution: County and Local government entities planning to utilize this contract for procurements subject to the above identified federal regulation should first consult with the federal agency providing the applicable funding to ensure the contract is complaint. For purposes of County/Local government use, the solicitation resulting in this contract was conducted in accordance with the procurement laws, rules, and procedures governing the West Virginia Department of Administration, Purchasing Division, except that vendor preference has been omitted for County/Local use purposes and the contract terms contained in the document entitled “REQUIRED CONTRACT PROVISIONS FOR NON-FEDERAL ENTITY CONTRACTS UNDER FEDERAL AWARDS (2 C.F.R. § 200.317)” have been added.

FEDERAL FUNDS ADDENDUM

REQUIRED CONTRACT PROVISIONS FOR NON-FEDERAL ENTITY CONTRACTS UNDER FEDERAL AWARDS (2 C.F.R. § 200.317):

The State of West Virginia Department of Administration, Purchasing Division, and the Vendor awarded this Contract intend that this Contract be compliant with the requirements of the Procurement Standards contained in the Uniform Administrative Requirements, Cost Principles, and Audit Requirements found in 2 C.F.R. § 200.317, et seq. for procurements conducted by a Non-Federal Entity. Accordingly, the Parties agree that the following provisions are included in the Contract.

1. MINORITY BUSINESSES, WOMEN'S BUSINESS ENTERPRISES, AND LABOR SURPLUS AREA FIRMS:

(2 C.F.R. § 200.321)

- a. The State confirms that it has taken all necessary affirmative steps to assure that minority businesses, women's business enterprises, and labor surplus area firms are used when possible. Those affirmative steps include:
 - (1) Placing qualified small and minority businesses and women's business enterprises on solicitation lists;
 - (2) Assuring that small and minority businesses, and women's business enterprises are solicited whenever they are potential sources;
 - (3) Dividing total requirements, when economically feasible, into smaller tasks or quantities to permit maximum participation by small and minority businesses, and women's business enterprises;
 - (4) Establishing delivery schedules, where the requirement permits, which encourage participation by small and minority businesses, and women's business enterprises;
 - (5) Using the services and assistance, as appropriate, of such organizations as the Small Business Administration and the Minority Business Development Agency of the Department of Commerce; and
 - (6) Requiring the prime contractor, if subcontracts are to be let, to take the affirmative steps listed in paragraphs (1) through (5) above.
- b. Vendor confirms that if it utilizes subcontractors, it will take the same affirmative steps to assure that minority businesses, women's business enterprises, and labor surplus area firms are used when possible.

2. DOMESTIC PREFERENCES:

(2 C.F.R. § 200.322)

- a. The State confirms that as appropriate and to the extent consistent with law, it has, to the greatest extent practicable under a Federal award, provided a preference for the purchase, acquisition, or use of goods, products, or materials produced in the United

States (including but not limited to iron, aluminum, steel, cement, and other manufactured products).

b. Vendor confirms that will include the requirements of this Section 2. Domestic Preference in all subawards including all contracts and purchase orders for work or products under this award.

c. Definitions: For purposes of this section:

(1) "Produced in the United States" means, for iron and steel products, that all manufacturing processes, from the initial melting stage through the application of coatings, occurred in the United States.

(2) "Manufactured products" means items and construction materials composed in whole or in part of non-ferrous metals such as aluminum; plastics and polymer-based products such as polyvinyl chloride pipe; aggregates such as concrete; glass, including optical fiber; and lumber.

3. BREACH OF CONTRACT REMEDIES AND PENALTIES:

(2 C.F.R. § 200.327 and Appendix II)

(a) The provisions of West Virginia Code of State Rules § 148-1-5 provide for breach of contract remedies, and penalties. A copy of that rule is attached hereto as Exhibit A and expressly incorporated herein by reference.

4. TERMINATION FOR CAUSE AND CONVENIENCE:

(2 C.F.R. § 200.327 and Appendix II)

(a) The provisions of West Virginia Code of State Rules § 148-1-5 govern Contract termination. A copy of that rule is attached hereto as Exhibit A and expressly incorporated herein by reference.

5. EQUAL EMPLOYMENT OPPORTUNITY:

(2 C.F.R. § 200.327 and Appendix II)

Except as otherwise provided under 41 CFR Part 60, and if this contract meets the definition of "federally assisted construction contract" in 41 CFR Part 60-1.3, this contract includes the equal opportunity clause provided under 41 CFR 60-1.4(b), in accordance with Executive Order 11246, "Equal Employment Opportunity" (30 FR 12319, 12935, 3 CFR Part, 1964-1965 Comp., p. 339), as amended by Executive Order 11375, "Amending Executive Order 11246 Relating to Equal Employment Opportunity," and implementing regulations at 41 CFR part 60, "Office of Federal Contract Compliance Programs, Equal Employment Opportunity, Department of Labor."

6. DAVIS-BACON WAGE RATES:
(2 C.F.R. § 200.327 and Appendix II)

Vendor agrees that if this Contract includes construction, all construction work in excess of \$2,000 will be completed and paid for in compliance with the Davis–Bacon Act (40 U.S.C. 3141–3144, and 3146–3148) as supplemented by Department of Labor regulations (29 CFR Part 5, “Labor Standards Provisions Applicable to Contracts Covering Federally Financed and Assisted Construction”). In accordance with the statute, contractors must:

- (a) pay wages to laborers and mechanics at a rate not less than the prevailing wages specified in a wage determination made by the Secretary of Labor.
- (b) pay wages not less than once a week.

A copy of the current prevailing wage determination issued by the Department of Labor is attached hereto as Exhibit B. The decision to award a contract or subcontract is conditioned upon the acceptance of the wage determination. The State will report all suspected or reported violations to the Federal awarding agency.

7. ANTI-KICKBACK ACT:
(2 C.F.R. § 200.327 and Appendix II)

Vendor agrees that it will comply with the Copeland Anti-KickBack Act (40 U.S.C. 3145), as supplemented by Department of Labor regulations (29 CFR Part 3, “Contractors and Subcontractors on Public Building or Public Work Financed in Whole or in Part by Loans or Grants from the United States”). Accordingly, Vendor, Subcontractors, and anyone performing under this contract are prohibited from inducing, by any means, any person employed in the construction, completion, or repair of public work, to give up any part of the compensation to which he or she is otherwise entitled. The State must report all suspected or reported violations to the Federal awarding agency.

8. CONTRACT WORK HOURS AND SAFETY STANDARDS ACT
(2 C.F.R. § 200.327 and Appendix II)

Where applicable, and only for contracts awarded by the State in excess of \$100,000 that involve the employment of mechanics or laborers, Vendor agrees to comply with 40 U.S.C. 3702 and 3704, as supplemented by Department of Labor regulations (29 CFR Part 5). Under 40 U.S.C. 3702 of the Act, Vendor is required to compute the wages of every mechanic and laborer on the basis of a standard work week of 40 hours. Work in excess of the standard work week is permissible provided that the worker is compensated at a rate of not less than one and a half times the basic rate of pay for all hours worked in excess of 40 hours in the work week. The requirements of 40 U.S.C. 3704 are applicable to construction work and provide that no laborer or mechanic must be required to work in surroundings or under working conditions which are unsanitary, hazardous or dangerous. These requirements do not apply to the purchases of supplies or materials or articles ordinarily available on the open market, or contracts for transportation or transmission of intelligence.

9. RIGHTS TO INVENTIONS MADE UNDER A CONTRACT OR AGREEMENT.

(2 C.F.R. § 200.327 and Appendix II)

If the Federal award meets the definition of “funding agreement” under 37 CFR § 401.2 (a) and the recipient or subrecipient wishes to enter into a contract with a small business firm or nonprofit organization regarding the substitution of parties, assignment or performance of experimental, developmental, or research work under that “funding agreement,” the recipient or subrecipient must comply with the requirements of 37 CFR Part 401, “Rights to Inventions Made by Nonprofit Organizations and Small Business Firms Under Government Grants, Contracts and Cooperative Agreements,” and any implementing regulations issued by the awarding agency.

10. CLEAN AIR ACT

(2 C.F.R. § 200.327 and Appendix II)

Vendor agrees that if this contract exceeds \$150,000, Vendor is to comply with all applicable standards, orders or regulations issued pursuant to the Clean Air Act (42 U.S.C. 7401–7671q) and the Federal Water Pollution Control Act as amended (33 U.S.C. 1251–1387). Violations must be reported to the Federal awarding agency and the Regional Office of the Environmental Protection Agency (EPA).

11. DEBARMENT AND SUSPENSION

(2 C.F.R. § 200.327 and Appendix II)

The State will not award to any vendor that is listed on the governmentwide exclusions in the System for Award Management (SAM), in accordance with the OMB guidelines at 2 CFR 180 that implement Executive Orders 12549 (3 CFR part 1986 Comp., p. 189) and 12689 (3 CFR part 1989 Comp., p. 235), “Debarment and Suspension.” SAM Exclusions contains the names of parties debarred, suspended, or otherwise excluded by agencies, as well as parties declared ineligible under statutory or regulatory authority other than Executive Order 12549.

12. BYRD ANTI-LOBBYING AMENDMENT

(2 C.F.R. § 200.327 and Appendix II)

Vendors that apply or bid for an award exceeding \$100,000 must file the required certification. Each tier certifies to the tier above that it will not and has not used Federal appropriated funds to pay any person or organization for influencing or attempting to influence an officer or employee of any agency, a member of Congress, officer or employee of Congress, or an employee of a member of Congress in connection with obtaining any Federal contract, grant or any other award covered by 31 U.S.C. 1352. Each tier must also disclose any lobbying with non-Federal funds that takes place in connection with obtaining any Federal award. Such disclosures are forwarded from tier to tier up to the non-Federal award.

13. PROCUREMENT OF RECOVERED MATERIALS

(2 C.F.R. § 200.327 and Appendix II; 2 C.F.R. § 200.323)

Vendor agrees that it and the State must comply with section 6002 of the Solid Waste Disposal Act, as amended by the Resource Conservation and Recovery Act. The requirements of Section 6002 include procuring only items designated in guidelines of the Environmental Protection Agency (EPA) at 40 CFR part 247 that contain the highest percentage of recovered materials practicable, consistent with maintaining a satisfactory level of competition, where the purchase price of the item exceeds \$10,000 or the value of the quantity acquired during the preceding fiscal year exceeded \$10,000; procuring solid waste management services in a manner that maximizes energy and resource recovery; and establishing an affirmative procurement program for procurement of recovered materials identified in the EPA guidelines.

14. PROHIBITION ON CERTAIN TELECOMMUNICATIONS AND VIDEO SURVEILLANCE SERVICES OR EQUIPMENT.

(2 C.F.R. § 200.327 and Appendix II; 2 CFR § 200.216)

Vendor and State agree that both are prohibited from obligating or expending funds under this Contract to:

- (1) Procure or obtain;
- (2) Extend or renew a contract to procure or obtain; or
- (3) Enter into a contract (or extend or renew a contract) to procure or obtain equipment, services, or systems that uses covered telecommunications equipment or services as a substantial or essential component of any system, or as critical technology as part of any system. As described in Public Law 115–232, section 889, covered telecommunications equipment is telecommunications equipment produced by Huawei Technologies Company or ZTE Corporation (or any subsidiary or affiliate of such entities).
 - (i) For the purpose of public safety, security of government facilities, physical security surveillance of critical infrastructure, and other national security purposes, video surveillance and telecommunications equipment produced by Hytera Communications Corporation, Hangzhou Hikvision Digital Technology Company, or Dahua Technology Company (or any subsidiary or affiliate of such entities).
 - (ii) Telecommunications or video surveillance services provided by such entities or using such equipment.
 - (iii) Telecommunications or video surveillance equipment or services produced or provided by an entity that the Secretary of Defense, in consultation with the Director of the National Intelligence or the Director of the Federal Bureau of Investigation, reasonably believes to be an entity owned or controlled by, or otherwise connected to, the government of a covered foreign country.

In implementing the prohibition under Public Law 115–232, section 889, subsection (f), paragraph (1), heads of executive agencies administering loan, grant, or subsidy programs shall prioritize available funding and technical support to assist affected businesses, institutions and organizations as is reasonably necessary for those affected entities to transition from covered communications equipment and services, to procure replacement equipment and services, and to ensure that communications service to users and customers is sustained.

State of West Virginia
Purchasing Division

Vendor Name:

By: _____

By: Sharp Electronics Corporation

Printed Name: _____

Printed Name: Mike Marusic

Title: _____

Title: President & SIICA

Date: _____

Date: 1/13/22

EXHIBIT A To:
REQUIRED CONTRACT PROVISIONS FOR NON-FEDERAL ENTITY
CONTRACTS UNDER FEDERAL AWARDS (2 C.F.R. § 200.317):

W. Va. CSR § 148-1-5

West Virginia Code of State Rules

Title 148. Department of Administration

Legislative Rule (Ser. 1)

Series 1. Purchasing

W. Va. Code St. R. § 148-1-5

§ 148-1-5. Remedies.

[Currentness](#)

5.1. The Director may require that the spending unit attempt to resolve any issues that it may have with the vendor prior to pursuing a remedy contained herein. The spending unit must document any resolution efforts and provide copies of those documents to the Purchasing Division.

5.2. Contract Cancellation.

5.2.1. Cancellation. The Director may cancel a purchase or contract immediately under any one of the following conditions including, but not limited to:

5.2.1.a. The vendor agrees to the cancellation;

5.2.1.b. The vendor has obtained the contract by fraud, collusion, conspiracy, or is in conflict with any statutory or constitutional provision of the State of West Virginia;

5.2.1.c. Failure to honor any contractual term or condition or to honor standard commercial practices;

5.2.1.d. The existence of an organizational conflict of interest is identified;

5.2.1.e. Funds are not appropriated or an appropriation is discontinued by the legislature for the acquisition;

5.2.1.f. Violation of any federal, state, or local law, regulation, or ordinance, and

5.2.1.g. The contract was awarded in error.

5.2.2. The Director may cancel a purchase or contract for any reason or no reason, upon providing

the vendor with 30 days' notice of the cancellation.

5.2.3. Opportunity to Cure. In the event that a vendor fails to honor any contractual term or condition, or violates any provision of federal, state, or local law, regulation, or ordinance, the Director may request that the vendor remedy the contract breach or legal violation within a time frame the Director determines to be appropriate. If the vendor fails to remedy the contract breach or legal violation or the Director determines, at his or her sole discretion, that such a request is unlikely to yield a satisfactory result, then he or she may cancel immediately without providing the vendor an opportunity to perform a remedy.

5.2.4. Re-Award. The Director may award the cancelled contract to the next lowest responsible bidder (or next highest scoring bidder if best value procurement) without a subsequent solicitation if the following conditions are met:

5.2.4.a. The next lowest responsible bidder (or next highest scoring bidder if best value procurement) is able to perform at the price contained in its original bid submission, and

5.2.4.b. The contract is an open-end contract, a one-time purchase contract, or a contract for work which has not yet commenced.

Award to the next lowest responsible bidder (or next highest scoring bidder if best value procurement) will not be an option if the vendor's failure has in any way increased or significantly changed the scope of the original contract. The vendor failing to honor contractual and legal obligations is responsible for any increase in cost the state incurs as a result of the re-award.

5.3. Non-Responsible. If the Director believes that a vendor may be non-responsible, the Director may request that a vendor or spending unit provide evidence that the vendor either does or does not have the capability to fully perform the contract requirements, and the integrity and reliability necessary to assure good faith performance. If the Director determines that the vendor is non-responsible, the Director shall reject that vendor's bid and shall not award the contract to that vendor. A determination of non-responsibility must be evaluated on a case-by-case basis and can only be made after the vendor in question has submitted a bid. A determination of non-responsibility will only extend to the contract for which the vendor has submitted a bid and does not operate as a bar against submitting future bids.

5.4. Suspension.

5.4.1. The Director may suspend, for a period not to exceed 1 year, the right of a vendor to bid on

procurements issued by the Purchasing Division or any state spending unit under its authority if:

5.4.1.a. The vendor has submitted a bid and then requested that its bid be withdrawn after bids have been publicly opened.

5.4.1.b. The vendor has exhibited poor performance in fulfilling his or her contractual obligations to the State. Poor performance includes, but is not limited to any of the following: violations of law, regulation, or ordinance; failure to deliver timely; failure to deliver quantities ordered; poor performance reports; or failure to deliver commodities, services, or printing at the quality level required by the contract.

5.4.1.c. The vendor has breached a contract issued by the Purchasing Division or any state spending unit under its authority and refuses to remedy that breach.

5.4.1.d. The vendor's actions have given rise to one or more of the grounds for debarment listed in [W. Va. Code § 5A-3-33d](#).

5.4.2. Vendor suspension for the reasons listed in section 5.4 above shall occur as follows:

5.4.2.a. Upon a determination by the Director that a suspension is warranted, the Director will serve a notice of suspension to the vendor.

5.4.2.b. A notice of suspension must inform the vendor:

5.4.2.b.1. Of the grounds for the suspension;

5.4.2.b.2. Of the duration of the suspension;

5.4.2.b.3. Of the right to request a hearing contesting the suspension;

5.4.2.b.4. That a request for a hearing must be served on the Director no later than 5 working days of the vendor's receipt of the notice of suspension;

5.4.2.b.5. That the vendor's failure to request a hearing no later than 5 working days of

the receipt of the notice of suspension will be deemed a waiver of the right to a hearing and result in the automatic enforcement of the suspension without further notice or an opportunity to respond; and

5.4.2.b.6. That a request for a hearing must include an explanation of why the vendor believes the Director's asserted grounds for suspension do not apply and why the vendor should not be suspended.

5.4.2.c. A vendor's failure to serve a request for hearing on the Director no later than 5 working days of the vendor's receipt of the notice of suspension will be deemed a waiver of the right to a hearing and may result in the automatic enforcement of the suspension without further notice or an opportunity to respond.

5.4.2.d. A vendor who files a timely request for hearing but nevertheless fails to provide an explanation of why the asserted grounds for suspension are inapplicable or should not result in a suspension, may result in a denial of the vendor's hearing request.

5.4.2.e. Within 5 working days of receiving the vendor's request for a hearing, the Director will serve on the vendor a notice of hearing that includes the date, time and place of the hearing.

5.4.2.f. The hearing will be recorded and an official record prepared. Within 10 working days of the conclusion of the hearing, the Director will issue and serve on the vendor, a written decision either confirming or reversing the suspension.

5.4.3. A vendor may appeal a decision of the Director to the Secretary of the Department of Administration. The appeal must be in writing and served on the Secretary no later than 5 working days of receipt of the Director's decision.

5.4.4. The Secretary, or his or her designee, will schedule an appeal hearing and serve on the vendor, a notice of hearing that includes the date, time and place of the hearing. The appeal hearing will be recorded and an official record prepared. Within 10 working days of the conclusion of the appeal hearing, the Secretary will issue and serve on the vendor a written decision either confirming or reversing the suspension.

5.4.5. Any notice or service related to suspension actions or proceedings must be provided by certified mail, return receipt requested.

5.5. Vendor Debarment. The Director may debar a vendor on the basis of one or more of the grounds for debarment contained in [W. Va. Code § 5A-3-33d](#) or if the vendor has been declared ineligible to participate in procurement related activities under federal laws and regulation.

5.5.1. Debarment proceedings shall be conducted in accordance with [W. Va. Code § 5A-3-33e](#) and these rules. A vendor that has received notice of the proposed debarment by certified mail, return receipt requested, must respond to the proposed debarment within 30 working days after receipt of notice or the debarment will be instituted without further notice. A vendor is deemed to have received notice, notwithstanding the vendor's failure to accept the certified mail, if the letter is addressed to the vendor at its last known address. After considering the matter and reaching a decision, the Director shall notify the vendor of his or her decision by certified mail, return receipt requested.

5.5.2. Any vendor, other than a vendor prohibited from participating in federal procurement, undergoing debarment proceedings is permitted to continue participating in the state's procurement process until a final debarment decision has been reached. Any contract that a debarred vendor obtains prior to a final debarment decision shall remain in effect for the current term, but may not be extended or renewed. Notwithstanding the foregoing, the Director may cancel a contract held by a debarred vendor if the Director determines, in his or her sole discretion, that doing so is in the best interest of the State. A vendor prohibited from participating in federal procurement will not be permitted to participate in the state's procurement process during debarment proceedings.

5.5.3. If the Director's final debarment decision is that debarment is warranted and notice of the final debarment decision is mailed, the Purchasing Division shall reject any bid submitted by the debarred vendor, including any bid submitted prior to the final debarment decision if that bid has not yet been accepted and a contract consummated.

5.5.4. Pursuant to [W. Va. Code § 5A-3-33e\(e\)](#), the length of the debarment period will be specified in the debarment decision and will be for a period of time that the Director finds necessary and proper to protect the public from an irresponsible vendor.

5.5.5. List of Debarred Vendors. The Director shall maintain and publicly post a list of debarred vendors on the Purchasing Division's website.

5.5.6. Related Party Debarment. The Director may pursue debarment of a related party at the same time that debarment of the original vendor is proceeding or at any time thereafter that the Director determines a related party debarment is warranted. Any entity that fails to provide the Director with full, complete, and accurate information requested by the Director to determine related party

status will be presumed to be a related party subject to debarment.

5.6. Damages.

5.6.1. A vendor who fails to perform as required under a contract shall be liable for actual damages and costs incurred by the state.

5.6.2. If any commodities delivered under a contract have been used or consumed by a spending unit and on testing the commodities are found not to comply with specifications, no payment may be approved by the Spending Unit for the merchandise until the amount of actual damages incurred has been determined.

5.6.3. The Spending Unit shall seek to collect damages by following the procedures established by the Office of the Attorney General for the collection of delinquent obligations.

Credits

History: Filed 4-1-19, eff. 4-1-19; Filed 4-16-21, eff. 5-1-21.

Current through register dated May 7, 2021. Some sections may be more current. See credits for details.

W. Va. C.S.R. § 148-1-5, WV ADC § 148-1-5

End of Document

© 2021 Thomson Reuters. No claim to original U.S.
Government Works.

EXHIBIT B To:
REQUIRED CONTRACT PROVISIONS FOR NON-FEDERAL ENTITY
CONTRACTS UNDER FEDERAL AWARDS (2 C.F.R. § 200.317):

Prevailing Wage Determination

– Not Applicable Because Contract Not for Construction

– Federal Prevailing Wage Determination on Next Page

INSTRUCTIONS TO VENDORS SUBMITTING BIDS

1. REVIEW DOCUMENTS THOROUGHLY: The attached documents contain a solicitation for bids. Please read these instructions and all documents attached in their entirety. These instructions provide critical information about requirements that if overlooked could lead to disqualification of a Vendor's bid. All bids must be submitted in accordance with the provisions contained in these instructions and the Solicitation. Failure to do so may result in disqualification of Vendor's bid.

2. MANDATORY TERMS: The Solicitation may contain mandatory provisions identified by the use of the words "must," "will," and "shall." Failure to comply with a mandatory term in the Solicitation will result in bid disqualification.

3. PREBID MEETING: The item identified below shall apply to this Solicitation.

A pre-bid meeting will not be held prior to bid opening

A **MANDATORY PRE-BID** meeting will be held at the following place and time:

All Vendors submitting a bid must attend the mandatory pre-bid meeting. Failure to attend the mandatory pre-bid meeting shall result in disqualification of the Vendor's bid. No one individual is permitted to represent more than one vendor at the pre-bid meeting. Any individual that does attempt to represent two or more vendors will be required to select one vendor to which the individual's attendance will be attributed. The vendors not selected will be deemed to have not attended the pre-bid meeting unless another individual attended on their behalf.

An attendance sheet provided at the pre-bid meeting shall serve as the official document verifying attendance. Any person attending the pre-bid meeting on behalf of a Vendor must list on the attendance sheet his or her name and the name of the Vendor he or she is representing.

Additionally, the person attending the pre-bid meeting should include the Vendor's E-Mail address, phone number, and Fax number on the attendance sheet. It is the Vendor's responsibility to locate the attendance sheet and provide the required information. Failure to complete the attendance sheet as required may result in disqualification of Vendor's bid.

All Vendors should arrive prior to the starting time for the pre-bid. Vendors who arrive after the starting time but prior to the end of the pre-bid will be permitted to sign in but are charged with knowing all matters discussed at the pre-bid.

Questions submitted at least five business days prior to a scheduled pre-bid will be discussed at the pre-bid meeting if possible. Any discussions or answers to questions at the pre-bid meeting
Revised 07/01/2021

are preliminary in nature and are non-binding. Official and binding answers to questions will be published in a written addendum to the Solicitation prior to bid opening.

4. VENDOR QUESTION DEADLINE: Vendors may submit questions relating to this Solicitation to the Purchasing Division. Questions must be submitted in writing. All questions must be submitted on or before the date listed below and to the address listed below to be considered. A written response will be published in a Solicitation addendum if a response is possible and appropriate. Non-written discussions, conversations, or questions and answers regarding this Solicitation are preliminary in nature and are nonbinding.

Submitted e-mails should have solicitation number in the subject line.

Question Submission Deadline: January 05, 2022 due by 10:00am EST

Submit Questions to: Mark Atkins

2019 Washington Street, East

Charleston, WV 25305

Fax: (304) 558-4115 (Vendors should not use this fax number for bid submission)

Email: Mark.A.Atkins@wv.gov

5. VERBAL COMMUNICATION: Any verbal communication between the Vendor and any State personnel is not binding, including verbal communication at the mandatory pre-bid conference. Only information issued in writing and added to the Solicitation by an official written addendum by the Purchasing Division is binding.

6. BID SUBMISSION: All bids must be submitted electronically through wvOASIS or signed and delivered by the Vendor to the Purchasing Division at the address listed below on or before the date and time of the bid opening. Any bid received by the Purchasing Division staff is considered to be in the possession of the Purchasing Division and will not be returned for any reason. The Purchasing Division will not accept bids, modification of bids, or addendum acknowledgment forms via e-mail. Acceptable delivery methods include electronic submission via wvOASIS, hand delivery, delivery by courier, or facsimile.

The bid delivery address is:

Department of Administration, Purchasing Division

2019 Washington Street East

Charleston, WV 25305-0130

A bid that is not submitted electronically through wvOASIS should contain the information listed below on the face of the envelope or the bid may be rejected by the Purchasing Division.:

SEALED BID: Digital Copiers

BUYER: Mark Atkins

SOLICITATION NO.: CRFQ 0212 SWC2200000008

BID OPENING DATE: 01/18/2022

BID OPENING TIME: 1:30pm EST

FAX NUMBER: 304-558-3970

Revised 07/01/2021

This Solicitation is based upon a standardized commodity established under W. Va. Code § 5A-3-61. Vendors are expected to bid the standardized commodity identified. Failure to bid the standardized commodity will result in your firm's bid being rejected.

11. EXCEPTIONS AND CLARIFICATIONS: The Solicitation contains the specifications that shall form the basis of a contractual agreement. Vendor shall clearly mark any exceptions, clarifications, or other proposed modifications in its bid. Exceptions to, clarifications of, or modifications of a requirement or term and condition of the Solicitation may result in bid disqualification.

12. COMMUNICATION LIMITATIONS: In accordance with West Virginia Code of State Rules §148-1-6.6, communication with the State of West Virginia or any of its employees regarding this Solicitation during the solicitation, bid, evaluation or award periods, except through the Purchasing Division, is strictly prohibited without prior Purchasing Division approval. Purchasing Division approval for such communication is implied for all agency delegated and exempt purchases.

13. REGISTRATION: Prior to Contract award, the apparent successful Vendor must be properly registered with the West Virginia Purchasing Division and must have paid the \$125 fee, if applicable.

14. UNIT PRICE: Unit prices shall prevail in cases of a discrepancy in the Vendor's bid.

15. PREFERENCE: Vendor Preference may be requested in purchases of motor vehicles or construction and maintenance equipment and machinery used in highway and other infrastructure projects. Any request for preference must be submitted in writing with the bid, must specifically identify the preference requested with reference to the applicable subsection of West Virginia Code § 5A-3-37, and must include with the bid any information necessary to evaluate and confirm the applicability of the requested preference. A request form to help facilitate the request can be found at:

<http://www.state.wv.us/admin/purchase/vrc/Venpref.pdf>.

15A. RECIPROCAL PREFERENCE: The State of West Virginia applies a reciprocal preference to all solicitations for commodities and printing in accordance with W. Va. Code § 5A-3-37(b). In effect, non-resident vendors receiving a preference in their home states, will see that same preference granted to West Virginia resident vendors bidding against them in West Virginia. Any request for reciprocal preference must include with the bid any information necessary to evaluate and confirm the applicability of the preference. A request form to help facilitate the request can be found at: <http://www.state.wv.us/admin/purchase/vrc/Venpref.pdf>.

16. SMALL, WOMEN-OWNED, OR MINORITY-OWNED BUSINESSES: For any solicitations publicly advertised for bid, in accordance with West Virginia Code §5A-3-37(a)(7) and W. Va. CSR § 148-22-9, any non-resident vendor certified as a small, women-owned, or minority-owned business under W. Va. CSR § 148-22-9 shall be provided the same preference made available to any resident vendor. Any non-resident small, women-owned, or minority-owned business must identify itself as such in writing, must submit that writing to the Purchasing Division with its bid, and must be properly certified under W. Va. CSR § 148-22-9 prior to contract award to receive the preferences made available to resident vendors. Preference

for a non-resident small, women-owned, or minority owned business shall be applied in accordance with W. Va. CSR § 148-22-9.

17. WAIVER OF MINOR IRREGULARITIES: The Director reserves the right to waive minor irregularities in bids or specifications in accordance with West Virginia Code of State Rules § 148-1-4.6.

18. ELECTRONIC FILE ACCESS RESTRICTIONS: Vendor must ensure that its submission in wvOASIS can be accessed and viewed by the Purchasing Division staff immediately upon bid opening. The Purchasing Division will consider any file that cannot be immediately accessed and viewed at the time of the bid opening (such as, encrypted files, password protected files, or incompatible files) to be blank or incomplete as context requires, and are therefore unacceptable. A vendor will not be permitted to unencrypt files, remove password protections, or resubmit documents after bid opening to make a file viewable if those documents are required with the bid. A Vendor may be required to provide document passwords or remove access restrictions to allow the Purchasing Division to print or electronically save documents provided that those documents are viewable by the Purchasing Division prior to obtaining the password or removing the access restriction.

19. NON-RESPONSIBLE: The Purchasing Division Director reserves the right to reject the bid of any vendor as Non-Responsible in accordance with W. Va. Code of State Rules § 148-1-5.3, when the Director determines that the vendor submitting the bid does not have the capability to fully perform or lacks the integrity and reliability to assure good-faith performance.”

20. ACCEPTANCE/REJECTION: The State may accept or reject any bid in whole, or in part in accordance with W. Va. Code of State Rules § 148-1-4.5. and § 148-1-6.4.b.”

21. YOUR SUBMISSION IS A PUBLIC DOCUMENT: Vendor’s entire response to the Solicitation and the resulting Contract are public documents. As public documents, they will be disclosed to the public following the bid/proposal opening or award of the contract, as required by the competitive bidding laws of West Virginia Code §§ 5A-3-1 et seq., 5-22-1 et seq., and 5G-1-1 et seq. and the Freedom of Information Act West Virginia Code §§ 29B-1-1 et seq.

DO NOT SUBMIT MATERIAL YOU CONSIDER TO BE CONFIDENTIAL, A TRADE SECRET, OR OTHERWISE NOT SUBJECT TO PUBLIC DISCLOSURE.

Submission of any bid, proposal, or other document to the Purchasing Division constitutes your explicit consent to the subsequent public disclosure of the bid, proposal, or document. The Purchasing Division will disclose any document labeled “confidential,” “proprietary,” “trade secret,” “private,” or labeled with any other claim against public disclosure of the documents, to include any “trade secrets” as defined by West Virginia Code § 47-22-1 et seq. All submissions are subject to public disclosure without notice.

22. INTERESTED PARTY DISCLOSURE: West Virginia Code § 6D-1-2 requires that the vendor submit to the Purchasing Division a disclosure of interested parties to the contract for all contracts with an actual or estimated value of at least \$1 million. That disclosure must occur on the form prescribed and approved by the WV Ethics Commission prior to contract award.

A copy of that form is included with this solicitation or can be obtained from the WV Ethics Commission. This requirement does not apply to publicly traded companies listed on a national or international stock exchange. A more detailed definition of interested parties can be obtained from the form referenced above.

23. WITH THE BID REQUIREMENTS: In instances where these specifications require documentation or other information with the bid, and a vendor fails to provide it with the bid, the Director of the Purchasing Division reserves the right to request those items after bid opening and prior to contract award pursuant to the authority to waive minor irregularities in bids or specifications under W. Va. CSR § 148-1-4.6. This authority does not apply to instances where state law mandates receipt with the bid.

24. E-MAIL NOTIFICATION OF AWARD: The Purchasing Division will attempt to provide bidders with e-mail notification of contract award when a solicitation that the bidder participated in has been awarded. For notification purposes, bidders must provide the Purchasing Division with a valid email address in the bid response. Bidders may also monitor wvOASIS or the Purchasing Division's website to determine when a contract has been awarded.

GENERAL TERMS AND CONDITIONS:

1. CONTRACTUAL AGREEMENT: Issuance of an Award Document signed by the Purchasing Division Director, or his designee, and approved as to form by the Attorney General's office constitutes acceptance by the State of this Contract made by and between the State of West Virginia and the Vendor. Vendor's signature on its bid, or on the Contract if the Contract is not the result of a bid solicitation, signifies Vendor's agreement to be bound by and accept the terms and conditions contained in this Contract.

2. DEFINITIONS: As used in this Solicitation/Contract, the following terms shall have the meanings attributed to them below. Additional definitions may be found in the specifications included with this Solicitation/Contract.

2.1. "Agency" or "Agencies" means the agency, board, commission, or other entity of the State of West Virginia that is identified on the first page of the Solicitation or any other public entity seeking to procure goods or services under this Contract.

2.2. "Bid" or "Proposal" means the vendors submitted response to this solicitation.

2.3. "Contract" means the binding agreement that is entered into between the State and the Vendor to provide the goods or services requested in the Solicitation.

2.4. "Director" means the Director of the West Virginia Department of Administration, Purchasing Division.

2.5. "Purchasing Division" means the West Virginia Department of Administration, Purchasing Division.

2.6. "Award Document" means the document signed by the Agency and the Purchasing Division, and approved as to form by the Attorney General, that identifies the Vendor as the contract holder.

2.7. "Solicitation" means the official notice of an opportunity to supply the State with goods or services that is published by the Purchasing Division.

2.8. "State" means the State of West Virginia and/or any of its agencies, commissions, boards, etc. as context requires.

2.9. "Vendor" or "Vendors" means any entity submitting a bid in response to the Solicitation, the entity that has been selected as the lowest responsible bidder, or the entity that has been awarded the Contract as context requires.

4. AUTHORITY TO PROCEED: Vendor is authorized to begin performance of this contract on the date of encumbrance listed on the front page of the Award Document unless either the box for “Fixed Period Contract” or “Fixed Period Contract with Renewals” has been checked in Section 3 above. If either “Fixed Period Contract” or “Fixed Period Contract with Renewals” has been checked, Vendor must not begin work until it receives a separate notice to proceed from the State. The notice to proceed will then be incorporated into the Contract via change order to memorialize the official date that work commenced.

5. QUANTITIES: The quantities required under this Contract shall be determined in accordance with the category that has been identified as applicable to this Contract below.

Open End Contract: Quantities listed in this Solicitation/Award Document are approximations only, based on estimates supplied by the Agency. It is understood and agreed that the Contract shall cover the quantities actually ordered for delivery during the term of the Contract, whether more or less than the quantities shown.

Service: The scope of the service to be provided will be more clearly defined in the specifications included herewith.

Combined Service and Goods: The scope of the service and deliverable goods to be provided will be more clearly defined in the specifications included herewith.

One Time Purchase: This Contract is for the purchase of a set quantity of goods that are identified in the specifications included herewith. Once those items have been delivered, no additional goods may be procured under this Contract without an appropriate change order approved by the Vendor, Agency, Purchasing Division, and Attorney General’s office.

6. EMERGENCY PURCHASES: The Purchasing Division Director may authorize the Agency to purchase goods or services in the open market that Vendor would otherwise provide under this Contract if those goods or services are for immediate or expedited delivery in an emergency. Emergencies shall include, but are not limited to, delays in transportation or an unanticipated increase in the volume of work. An emergency purchase in the open market, approved by the Purchasing Division Director, shall not constitute a breach of this Contract and shall not entitle the Vendor to any form of compensation or damages. This provision does not excuse the State from fulfilling its obligations under a One Time Purchase contract.

7. REQUIRED DOCUMENTS: All of the items checked below must be provided to the Purchasing Division by the Vendor as specified below.

BID BOND (Construction Only): Pursuant to the requirements contained in W. Va. Code § 5-22-1(c), All Vendors submitting a bid on a construction project shall furnish a valid bid bond in the amount of five percent (5%) of the total amount of the bid protecting the State of West Virginia. The bid bond must be submitted with the bid.

PERFORMANCE BOND: The apparent successful Vendor shall provide a performance bond in the amount of 100% of the contract. The performance bond must be received by the Purchasing Division prior to Contract award.

LABOR/MATERIAL PAYMENT BOND: The apparent successful Vendor shall provide a labor/material payment bond in the amount of 100% of the Contract value. The labor/material payment bond must be delivered to the Purchasing Division prior to Contract award.

In lieu of the Bid Bond, Performance Bond, and Labor/Material Payment Bond, the Vendor may provide certified checks, cashier's checks, or irrevocable letters of credit. Any certified check, cashier's check, or irrevocable letter of credit provided in lieu of a bond must be of the same amount and delivered on the same schedule as the bond it replaces. A letter of credit submitted in lieu of a performance and labor/material payment bond will only be allowed for projects under \$100,000. Personal or business checks are not acceptable. Notwithstanding the foregoing, West Virginia Code § 5-22-1 (d) mandates that a vendor provide a performance and labor/material payment bond for construction projects. Accordingly, substitutions for the performance and labor/material payment bonds for construction projects is not permitted.

MAINTENANCE BOND: The apparent successful Vendor shall provide a two (2) year maintenance bond covering the roofing system. The maintenance bond must be issued and delivered to the Purchasing Division prior to Contract award.

LICENSE(S) / CERTIFICATIONS / PERMITS: In addition to anything required under the Section of the General Terms and Conditions entitled Licensing, the apparent successful Vendor shall furnish proof of the following licenses, certifications, and/or permits upon request and in a form acceptable to the State. The request may be prior to or after contract award at the State's sole discretion.

The apparent successful Vendor shall also furnish proof of any additional licenses or certifications contained in the specifications regardless of whether or not that requirement is listed above.

8. INSURANCE: The apparent successful Vendor shall furnish proof of the insurance identified by a checkmark below and must include the State as an additional insured on each policy prior to Contract award. The insurance coverages identified below must be maintained throughout the life of this contract. Thirty (30) days prior to the expiration of the insurance policies, Vendor shall provide the Agency with proof that the insurance mandated herein has been continued. Vendor must also provide Agency with immediate notice of any changes in its insurance policies, including but not limited to, policy cancelation, policy reduction, or change in insurers. The apparent successful Vendor shall also furnish proof of any additional insurance requirements contained in the specifications prior to Contract award regardless of whether that insurance requirement is listed in this section.

Vendor must maintain:

Commercial General Liability Insurance in at least an amount of: \$1,000,000.00 per occurrence.

Automobile Liability Insurance in at least an amount of: \$250,000.00 per occurrence.

Professional/Malpractice/Errors and Omission Insurance in at least an amount of: _____ per occurrence. Notwithstanding the forgoing, Vendor's are not required to list the State as an additional insured for this type of policy.

Commercial Crime and Third Party Fidelity Insurance in an amount of: _____ per occurrence.

Cyber Liability Insurance in an amount of: \$3,000,000.00 per occurrence.

Builders Risk Insurance in an amount equal to 100% of the amount of the Contract.

Pollution Insurance in an amount of: _____ per occurrence.

Aircraft Liability in an amount of: _____ per occurrence.

State of West Virginia must be listed as Additional Insured on the Insurance Certificate. Certificate Holder should read as follows:

State of WV
2019 Washington Street, East
Charleston, WV 25305

Notwithstanding anything contained in this section to the contrary, the Director of the Purchasing Division reserves the right to waive the requirement that the State be named as an additional insured on one or more of the Vendor's insurance policies if the Director finds that doing so is in the State's best interest.

9. WORKERS' COMPENSATION INSURANCE: Vendor shall comply with laws relating to workers compensation, shall maintain workers' compensation insurance when required, and shall furnish proof of workers' compensation insurance upon request.

10. [Reserved]

11. LIQUIDATED DAMAGES: This clause shall in no way be considered exclusive and shall not limit the State or Agency's right to pursue any other available remedy. Vendor shall pay liquidated damages in the amount specified below or as described in the specifications:

_____ for _____.

Liquidated Damages Contained in the Specifications.

Liquidated Damages Are Not Included in this Contract.

12. ACCEPTANCE: Vendor's signature on its bid, or on the certification and signature page, constitutes an offer to the State that cannot be unilaterally withdrawn, signifies that the product or service proposed by vendor meets the mandatory requirements contained in the Solicitation for that product or service, unless otherwise indicated, and signifies acceptance of the terms and conditions contained in the Solicitation unless otherwise indicated.

13. PRICING: The pricing set forth herein is firm for the life of the Contract, unless specified elsewhere within this Solicitation/Contract by the State. A Vendor's inclusion of price adjustment provisions in its bid, without an express authorization from the State in the Solicitation to do so, may result in bid disqualification. Notwithstanding the foregoing, Vendor must extend any publicly advertised sale price to the State and invoice at the lower of the contract price or the publicly advertised sale price.

14. PAYMENT IN ARREARS: Payments for goods/services will be made in arrears only upon receipt of a proper invoice, detailing the goods/services provided or receipt of the goods/services, whichever is later. Notwithstanding the foregoing, payments for software maintenance, licenses, or subscriptions may be paid annually in advance.

15. PAYMENT METHODS: Vendor must accept payment by electronic funds transfer and P-Card. (The State of West Virginia's Purchasing Card program, administered under contract by a banking institution, processes payment for goods and services through state designated credit cards.)

16. TAXES: The Vendor shall pay any applicable sales, use, personal property or any other taxes arising out of this Contract and the transactions contemplated thereby. The State of West Virginia is exempt from federal and state taxes and will not pay or reimburse such taxes.

17. ADDITIONAL FEES: Vendor is not permitted to charge additional fees or assess additional charges that were not either expressly provided for in the solicitation published by the State of West Virginia, included in the Contract, or included in the unit price or lump sum bid amount that Vendor is required by the solicitation to provide. Including such fees or charges as notes to the solicitation may result in rejection of vendor's bid. Requesting such fees or charges be paid after the contract has been awarded may result in cancellation of the contract.

18. FUNDING: This Contract shall continue for the term stated herein, contingent upon funds being appropriated by the Legislature or otherwise being made available. In the event funds are not appropriated or otherwise made available, this Contract becomes void and of no effect beginning on July 1 of the fiscal year for which funding has not been appropriated or otherwise made available. If that occurs, the State may notify the Vendor that an alternative source of funding has been obtained and thereby avoid the automatic termination. Non-appropriation or non-funding shall not be considered an event of default.

19. CANCELLATION: The Purchasing Division Director reserves the right to cancel this Contract immediately upon written notice to the vendor if the materials or workmanship supplied do not conform to the specifications contained in the Contract. The Purchasing Division Director may also cancel any purchase or Contract upon 30 days written notice to the Vendor in accordance with West Virginia Code of State Rules § 148-1-5.2.b.

20. TIME: Time is of the essence regarding all matters of time and performance in this Contract.

21. APPLICABLE LAW: This Contract is governed by and interpreted under West Virginia law without giving effect to its choice of law principles. Any information provided in specification manuals, or any other source, verbal or written, which contradicts or violates the West Virginia Constitution, West Virginia Code, or West Virginia Code of State Rules is void and of no effect.

22. COMPLIANCE WITH LAWS: Vendor shall comply with all applicable federal, state, and local laws, regulations and ordinances. By submitting a bid, Vendor acknowledges that it has reviewed, understands, and will comply with all applicable laws, regulations, and ordinances.

SUBCONTRACTOR COMPLIANCE: Vendor shall notify all subcontractors providing commodities or services related to this Contract that as subcontractors, they too are required to comply with all applicable laws, regulations, and ordinances. Notification under this provision must occur prior to the performance of any work under the contract by the subcontractor.

23. ARBITRATION: Any references made to arbitration contained in this Contract, Vendor's bid, or in any American Institute of Architects documents pertaining to this Contract are hereby deleted, void, and of no effect.

24. MODIFICATIONS: This writing is the parties' final expression of intent. Notwithstanding anything contained in this Contract to the contrary no modification of this Contract shall be binding without mutual written consent of the Agency, and the Vendor, with approval of the Purchasing Division and the Attorney General's office (Attorney General approval is as to form only). Any change to existing contracts that adds work or changes contract cost, and were not included in the original contract, must be approved by the Purchasing Division and the Attorney General's Office (as to form) prior to the implementation of the change or commencement of work affected by the change.

25. WAIVER: The failure of either party to insist upon a strict performance of any of the terms or provision of this Contract, or to exercise any option, right, or remedy herein contained, shall not be construed as a waiver or a relinquishment for the future of such term, provision, option, right, or remedy, but the same shall continue in full force and effect. Any waiver must be expressly stated in writing and signed by the waiving party.

26. SUBSEQUENT FORMS: The terms and conditions contained in this Contract shall supersede any and all subsequent terms and conditions which may appear on any form documents submitted by Vendor to the Agency or Purchasing Division such as price lists, order forms, invoices, sales agreements, or maintenance agreements, and includes internet websites or other electronic documents. Acceptance or use of Vendor's forms does not constitute acceptance of the terms and conditions contained thereon.

27. ASSIGNMENT: Neither this Contract nor any monies due, or to become due hereunder, may be assigned by the Vendor without the express written consent of the Agency, the Purchasing Division, the Attorney General's office (as to form only), and any other government agency or office that may be required to approve such assignments.

28. WARRANTY: The Vendor expressly warrants that the goods and/or services covered by this Contract will: (a) conform to the specifications, drawings, samples, or other description furnished or specified by the Agency; (b) be merchantable and fit for the purpose intended; and (c) be free from defect in material and workmanship.

29. STATE EMPLOYEES: State employees are not permitted to utilize this Contract for personal use and the Vendor is prohibited from permitting or facilitating the same.

30. PRIVACY, SECURITY, AND CONFIDENTIALITY: The Vendor agrees that it will not disclose to anyone, directly or indirectly, any such personally identifiable information or other confidential information gained from the Agency, unless the individual who is the subject of the information consents to the disclosure in writing or the disclosure is made pursuant to the Agency's policies, procedures, and rules. Vendor further agrees to comply with the Confidentiality Policies and Information Security Accountability Requirements, set forth in <http://www.state.wv.us/admin/purchase/privacy/default.html>.

31. YOUR SUBMISSION IS A PUBLIC DOCUMENT: Vendor's entire response to the Solicitation and the resulting Contract are public documents. As public documents, they will be disclosed to the public following the bid/proposal opening or award of the contract, as required by the competitive bidding laws of West Virginia Code §§ 5A-3-1 et seq., 5-22-1 et seq., and 5G-1-1 et seq. and the Freedom of Information Act West Virginia Code §§ 29B-1-1 et seq.

DO NOT SUBMIT MATERIAL YOU CONSIDER TO BE CONFIDENTIAL, A TRADE SECRET, OR OTHERWISE NOT SUBJECT TO PUBLIC DISCLOSURE.

Submission of any bid, proposal, or other document to the Purchasing Division constitutes your explicit consent to the subsequent public disclosure of the bid, proposal, or document. The Purchasing Division will disclose any document labeled "confidential," "proprietary," "trade secret," "private," or labeled with any other claim against public disclosure of the documents, to include any "trade secrets" as defined by West Virginia Code § 47-22-1 et seq. All submissions are subject to public disclosure without notice.

32. LICENSING: In accordance with West Virginia Code of State Rules § 148-1-6.1.e, Vendor must be licensed and in good standing in accordance with any and all state and local laws and requirements by any state or local agency of West Virginia, including, but not limited to, the West Virginia Secretary of State's Office, the West Virginia Tax Department, West Virginia Insurance Commission, or any other state agency or political subdivision. Obligations related to political subdivisions may include, but are not limited to, business licensing, business and occupation taxes, inspection compliance, permitting, etc. Upon request, the Vendor must provide all necessary releases to obtain information to enable the Purchasing Division Director or the Agency to verify that the Vendor is licensed and in good standing with the above entities.

SUBCONTRACTOR COMPLIANCE: Vendor shall notify all subcontractors providing commodities or services related to this Contract that as subcontractors, they too are required to be licensed, in good standing, and up-to-date on all state and local obligations as described in this section. Obligations related to political subdivisions may include, but are not limited to, business licensing, business and occupation taxes, inspection compliance, permitting, etc. Notification under this provision must occur prior to the performance of any work under the contract by the subcontractor.

33. ANTITRUST: In submitting a bid to, signing a contract with, or accepting a Award Document from any agency of the State of West Virginia, the Vendor agrees to convey, sell, assign, or transfer to the State of West Virginia all rights, title, and interest in and to all causes of action it may now or hereafter acquire under the antitrust laws of the United States and the State of West Virginia for price fixing and/or unreasonable restraints of trade relating to the particular commodities or services purchased or acquired by the State of West Virginia. Such assignment shall be made and become effective at the time the purchasing agency tenders the initial payment to Vendor.

34. VENDOR CERTIFICATIONS: By signing its bid or entering into this Contract, Vendor certifies (1) that its bid or offer was made without prior understanding, agreement, or connection with any corporation, firm, limited liability company, partnership, person or entity submitting a bid or offer for the same material, supplies, equipment or services; (2) that its bid or offer is in all respects fair and without collusion or fraud; (3) that this Contract is accepted or entered into without any prior understanding, agreement, or connection to any other entity that could be considered a violation of law; and (4) that it has reviewed this Solicitation in its entirety; understands the requirements, terms and conditions, and other information contained herein.

Vendor's signature on its bid or offer also affirms that neither it nor its representatives have any interest, nor shall acquire any interest, direct or indirect, which would compromise the performance of its services hereunder. Any such interests shall be promptly presented in detail to the Agency. The individual signing this bid or offer on behalf of Vendor certifies that he or she is authorized by the Vendor to execute this bid or offer or any documents related thereto on Vendor's behalf; that he or she is authorized to bind the Vendor in a contractual relationship; and that, to the best of his or her knowledge, the Vendor has properly registered with any State agency that may require registration.

35. VENDOR RELATIONSHIP: The relationship of the Vendor to the State shall be that of an independent contractor and no principal-agent relationship or employer-employee relationship is contemplated or created by this Contract. The Vendor as an independent contractor is solely liable for the acts and omissions of its employees and agents. Vendor shall be responsible for selecting, supervising, and compensating any and all individuals employed pursuant to the terms of this Solicitation and resulting contract. Neither the Vendor, nor any employees or subcontractors of the Vendor, shall be deemed to be employees of the State for any purpose whatsoever. Vendor shall be exclusively responsible for payment of employees and contractors for all wages and salaries, taxes, withholding payments, penalties, fees, fringe benefits, professional liability insurance premiums, contributions to insurance and pension, or other deferred compensation plans, including but not limited to, Workers' Compensation and Social Security obligations, licensing fees, etc. and the filing of all necessary documents, forms, and returns pertinent to all of the foregoing.

Vendor shall hold harmless the State, and shall provide the State and Agency with a defense against any and all claims including, but not limited to, the foregoing payments, withholdings, contributions, taxes, Social Security taxes, and employer income tax returns.

36. INDEMNIFICATION: The Vendor agrees to indemnify, defend, and hold harmless the State and the Agency, their officers, and employees from and against: (1) Any claims or losses for services rendered by any subcontractor, person, or firm performing or supplying services, materials, or supplies in connection with the performance of the Contract; (2) Any claims or losses resulting to any person or entity injured or damaged by the Vendor, its officers, employees, or subcontractors by the publication, translation, reproduction, delivery, performance, use, or disposition of any data used under the Contract in a manner not authorized by the Contract, or by Federal or State statutes or regulations; and (3) Any failure of the Vendor, its officers, employees, or subcontractors to observe State and Federal laws including, but not limited to, labor and wage and hour laws.

37. PURCHASING AFFIDAVIT: In accordance with West Virginia Code §§ 5A-3-10a and 5-22-1(i), the State is prohibited from awarding a contract to any bidder that owes a debt to the State or a political subdivision of the State, Vendors are required to sign, notarize, and submit the Purchasing Affidavit to the Purchasing Division affirming under oath that it is not in default on any monetary obligation owed to the state or a political subdivision of the state.

38. CONFLICT OF INTEREST: Vendor, its officers or members or employees, shall not presently have or acquire an interest, direct or indirect, which would conflict with or compromise the performance of its obligations hereunder. Vendor shall periodically inquire of its officers, members and employees to ensure that a conflict of interest does not arise. Any conflict of interest discovered shall be promptly presented in detail to the Agency.

39. REPORTS: Vendor shall provide the Agency and/or the Purchasing Division with the following reports identified by a checked box below:

Such reports as the Agency and/or the Purchasing Division may request. Requested reports may include, but are not limited to, quantities purchased, agencies utilizing the contract, total contract expenditures by agency, etc.

Quarterly reports detailing the total quantity of purchases in units and dollars, along with a listing of purchases by agency. Quarterly reports should be delivered to the Purchasing Division via email at purchasing.division@wv.gov.

40. BACKGROUND CHECK: In accordance with W. Va. Code § 15-2D-3, the State reserves the right to prohibit a service provider's employees from accessing sensitive or critical information or to be present at the Capitol complex based upon results addressed from a criminal background check. Service providers should contact the West Virginia Division of Protective Services by phone at (304) 558-9911 for more information.

41. PREFERENCE FOR USE OF DOMESTIC STEEL PRODUCTS: Except when authorized by the Director of the Purchasing Division pursuant to W. Va. Code § 5A-3-56, no contractor may use or supply steel products for a State Contract Project other than those steel products made in the United States. A contractor who uses steel products in violation of this section may be subject to civil penalties pursuant to W. Va. Code § 5A-3-56. As used in this section:

- a. "State Contract Project" means any erection or construction of, or any addition to, alteration of or other improvement to any building or structure, including, but not limited to, roads or highways, or the installation of any heating or cooling or ventilating plants or other equipment, or the supply of and materials for such projects, pursuant to a contract with the State of West Virginia for which bids were solicited on or after June 6, 2001.
- b. "Steel Products" means products rolled, formed, shaped, drawn, extruded, forged, cast, fabricated or otherwise similarly processed, or processed by a combination of two or more or such operations, from steel made by the open heath, basic oxygen, electric furnace, Bessemer or other steel making process.
- c. The Purchasing Division Director may, in writing, authorize the use of foreign steel products if:

1. The cost for each contract item used does not exceed one tenth of one percent (.1%) of the total contract cost or two thousand five hundred dollars (\$2,500.00), whichever is greater. For the purposes of this section, the cost is the value of the steel product as delivered to the project; or
2. The Director of the Purchasing Division determines that specified steel materials are not produced in the United States in sufficient quantity or otherwise are not reasonably available to meet contract requirements.

42. PREFERENCE FOR USE OF DOMESTIC ALUMINUM, GLASS, AND STEEL: In Accordance with W. Va. Code § 5-19-1 et seq., and W. Va. CSR § 148-10-1 et seq., for every contract or subcontract, subject to the limitations contained herein, for the construction, reconstruction, alteration, repair, improvement or maintenance of public works or for the purchase of any item of machinery or equipment to be used at sites of public works, only domestic aluminum, glass or steel products shall be supplied unless the spending officer determines, in writing, after the receipt of offers or bids, (1) that the cost of domestic aluminum, glass or steel products is unreasonable or inconsistent with the public interest of the State of West Virginia, (2) that domestic aluminum, glass or steel products are not produced in sufficient quantities to meet the contract requirements, or (3) the available domestic aluminum, glass, or steel do not meet the contract specifications. This provision only applies to public works contracts awarded in an amount more than fifty thousand dollars (\$50,000) or public works contracts that require more than ten thousand pounds of steel products.

The cost of domestic aluminum, glass, or steel products may be unreasonable if the cost is more than twenty percent (20%) of the bid or offered price for foreign made aluminum, glass, or steel products. If the domestic aluminum, glass or steel products to be supplied or produced in a “substantial labor surplus area”, as defined by the United States Department of Labor, the cost of domestic aluminum, glass, or steel products may be unreasonable if the cost is more than thirty percent (30%) of the bid or offered price for foreign made aluminum, glass, or steel products. This preference shall be applied to an item of machinery or equipment, as indicated above, when the item is a single unit of equipment or machinery manufactured primarily of aluminum, glass or steel, is part of a public works contract and has the sole purpose or of being a permanent part of a single public works project. This provision does not apply to equipment or machinery purchased by a spending unit for use by that spending unit and not as part of a single public works project.

All bids and offers including domestic aluminum, glass or steel products that exceed bid or offer prices including foreign aluminum, glass or steel products after application of the preferences provided in this provision may be reduced to a price equal to or lower than the lowest bid or offer price for foreign aluminum, glass or steel products plus the applicable preference. If the reduced bid or offer prices are made in writing and supersede the prior bid or offer prices, all bids or offers, including the reduced bid or offer prices, will be reevaluated in accordance with this rule.

43. INTERESTED PARTY SUPPLEMENTAL DISCLOSURE: W. Va. Code § 6D-1-2 requires that for contracts with an actual or estimated value of at least \$1 million, the vendor must submit to the Agency a supplemental disclosure of interested parties reflecting any new or differing interested parties to the contract, which were not included in the original pre-award interested party disclosure, within 30 days following the completion or termination of the contract. A copy of that form is included with this solicitation or can be obtained from the WV Ethics Commission. This requirement does not apply to publicly traded companies listed on a national or international stock exchange. A more detailed definition of interested parties can be obtained from the form referenced above.

44. PROHIBITION AGAINST USED OR REFURBISHED: Unless expressly permitted in the solicitation published by the State, Vendor must provide new, unused commodities, and is prohibited from supplying used or refurbished commodities, in fulfilling its responsibilities under this Contract.

45. VOID CONTRACT CLAUSES – This Contract is subject to the provisions of West Virginia Code § 5A-3-62, which automatically voids certain contract clauses that violate State law.

DESIGNATED CONTACT: Vendor appoints the individual identified in this Section as the Contract Administrator and the initial point of contact for matters relating to this Contract.

Christine Bush

(Name, Title)
Sr. Government & Major Account Manager

(Printed Name and Title)
100 Paragon Drive, Montvale, NJ 07645

(Address)
804-519-3703

(Phone Number) / (Fax Number)
BushC@sharpsec.com

(email address)

CERTIFICATION AND SIGNATURE: By signing below, or submitting documentation through wvOASIS, I certify that: I have reviewed this Solicitation in its entirety; that I understand the requirements, terms and conditions, and other information contained herein; that this bid, offer or proposal constitutes an offer to the State that cannot be unilaterally withdrawn; that the product or service proposed meets the mandatory requirements contained in the Solicitation for that product or service, unless otherwise stated herein; that the Vendor accepts the terms and conditions contained in the Solicitation, unless otherwise stated herein; that I am submitting this bid, offer or proposal for review and consideration; that I am authorized by the vendor to execute and submit this bid, offer, or proposal, or any documents related thereto on vendor's behalf; that I am authorized to bind the vendor in a contractual relationship; and that to the best of my knowledge, the vendor has properly registered with any State agency that may require registration.

By signing below, I further certify that I understand this Contract is subject to the provisions of West Virginia Code § 5A-3-62, which automatically voids certain contract clauses that violate State law.

Sharp Electronics Corporation

(Company)


(Authorized Signature) (Representative Name, Title)

Mike Marusic, President of SIICA

(Printed Name and Title of Authorized Representative)

1/13/22

(Date)

201-529-8769

(Phone Number) (Fax Number)

STATE OF WEST VIRGINIA
Purchasing Division

PURCHASING AFFIDAVIT

CONSTRUCTION CONTRACTS: Under W. Va. Code § 5-22-1(j), the contracting public entity shall not award a construction contract to any bidder that is known to be in default on any monetary obligation owed to the state or a political subdivision of the state, including, but not limited to, obligations related to payroll taxes, property taxes, sales and use taxes, fire service fees, or other fines or fees.

ALL CONTRACTS: Under W. Va. Code §5A-3-10a, no contract or renewal of any contract may be awarded by the state or any of its political subdivisions to any vendor or prospective vendor when the vendor or prospective vendor or a related party to the vendor or prospective vendor is a debtor and: (1) the debt owed is an amount greater than one thousand dollars in the aggregate; or (2) the debtor is in employer default.

EXCEPTION: The prohibition listed above does not apply where a vendor has contested any tax administered pursuant to chapter eleven of the W. Va. Code, workers' compensation premium, permit fee or environmental fee or assessment and the matter has not become final or where the vendor has entered into a payment plan or agreement and the vendor is not in default of any of the provisions of such plan or agreement.

DEFINITIONS:

"Debt" means any assessment, premium, penalty, fine, tax or other amount of money owed to the state or any of its political subdivisions because of a judgment, fine, permit violation, license assessment, defaulted workers' compensation premium, penalty or other assessment presently delinquent or due and required to be paid to the state or any of its political subdivisions, including any interest or additional penalties accrued thereon.

"Employer default" means having an outstanding balance or liability to the old fund or to the uninsured employers' fund or being in policy default, as defined in W. Va. Code § 23-2c-2, failure to maintain mandatory workers' compensation coverage, or failure to fully meet its obligations as a workers' compensation self-insured employer. An employer is not in employer default if it has entered into a repayment agreement with the Insurance Commissioner and remains in compliance with the obligations under the repayment agreement.

"Related party" means a party, whether an individual, corporation, partnership, association, limited liability company or any other form or business association or other entity whatsoever, related to any vendor by blood, marriage, ownership or contract through which the party has a relationship of ownership or other interest with the vendor so that the party will actually or by effect receive or control a portion of the benefit, profit or other consideration from performance of a vendor contract with the party receiving an amount that meets or exceeds five percent of the total contract amount.

AFFIRMATION: By signing this form, the vendor's authorized signer affirms and acknowledges under penalty of law for false swearing (W. Va. Code §61-5-3) that: (1) for construction contracts, the vendor is not in default on any monetary obligation owed to the state or a political subdivision of the state, and (2) for all other contracts, that neither vendor nor any related party owe a debt as defined above and that neither vendor nor any related party are in employer default as defined above, unless the debt or employer default is permitted under the exception above.

WITNESS THE FOLLOWING SIGNATURE:

Vendor's Name: _____

Authorized Signature: Mto Maurice Date: _____

State of _____

County of _____, to-wit:

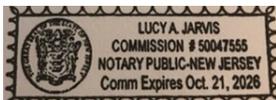
Taken, subscribed, and sworn to before me this ___ day of _____, 20__.

My Commission expires _____, 20__.

Lucy Jarvis

AFFIX SEAL HERE

NOTARY PUBLIC _____



REQUEST FOR QUOTATION
CRFQ 0212 SWC2200000008
(DIGCOP22)
Digital Copiers

SPECIFICATIONS

- 1. PURPOSE AND SCOPE:** The West Virginia Purchasing Division is soliciting bids for an Open-End, Statewide Contract for Digital Copiers and Accessories. The Contract may be utilized by all West Virginia State agencies and Political Subdivisions within the State's 55 counties.

The previous contract was previously bid under CRFQ 0212 SWC1700000015 and opened on 7/21/2017. All bids received may be viewed at:

<http://www.state.wv.us/admin/purchase/Bids/FY2018/BO20170721.html>

The current contract was awarded as CMA 0212 SWC0000000019 (DIGCOP17A) and may be viewed on the Purchasing Division's website at:

<http://www.state.wv.us/admin/purchase/swc/DIGCOP.htm>

Note: The previous yearly spend totals for the SWC0000000019 (DIGCOP17A) contract as reported by the current vendor maybe viewed in **Exhibit_B Usuage Report:**

These spend totals are for new copiers and maintenance services combined. This exhibit is intended for informational use only. The State does not have an individual breakdown of spend totals or the current number of copiers and historical copy volumes for any bands. The State does not intend to imply or guarantee the spending amounts for the future contract resulting from this RFQ in any manner.

- 2. DEFINITIONS:** The terms listed below shall have the meanings assigned to them below. Additional definitions can be found in section 2 of the General Terms and Conditions.
- 2.1 "Accessory"** means any compatible item that is added to the copier bid in each band to enhance its capabilities and functions. Must integrate with the copier unit and not be a stand alone unit.
- 2.2 "Authorized Dealer/Distributor"** means a manufacturer's authorized sales and Service center (also known as a Dealer, Distributor, or Partner) that must be certified by the Manufacturer to sell the Manufacturer's Products, and perform machine installation and maintenance on Devices offered by the Manufacturer. A Purchasing Entity must be able to, at a minimum, visit the sales and Service center to view and test Equipment.
- 2.3 "Contract Item" or "Contract Items"** means the list of items identified in Section 3.1 below and on the Pricing Pages.

REQUEST FOR QUOTATION
CRFQ 0212 SWC2200000008
(DIGCOP22)
Digital Copiers

- 2.4 “**Copier**” means an Multi-Function Printer (MFP) or Mult-function Device (MFD)” configured to incorporate the functionality of multiple Devices into one, such as print, fax, copy and scan. Each feature can work independently of the other for all bands both Monochrome and Color.
- 2.5 “**CPM**” means copies per minute.
- 2.6 “**DSDF**” means Dual Scan Document Feeder that scans both sides of a document simultaneously in a single pass.
- 2.7 “**Manufacturer**” means a company that, as it primary business function, designs, assembles, and owns the trademark/patent and markets a Product.
- 2.8 “**MSRP**” means Manufacturer Suggested Retail Price”
- 2.9 “**OEM**” means original Equipment Manufacturer.
- 2.10 “**Pricing Pages**” means the schedule of prices, estimated order quantity, and totals attached hereto as Exhibit A and used to evaluate the RFQ.
- 2.11 “**RFQ**” means the official RFQ published by the Purchasing Division and identified as CRFQ 0212 SWC2200000008 (DIGCOP22).

3. GENERAL REQUIREMENTS:

- 3.1 **Contract Items and Mandatory Requirements:** Vendor shall provide Agency with the Contract Items on an open-end and continuing basis. Contract Items must meet or exceed the mandatory requirements shown below.

MONOCHROME COPIERS (Bands 1-7)

3.1.1 BAND 1 – MONOCHROME COPIER

- 3.1.1.1 Band 1 must have the following minimum specifications:

- a. Manufacturer copy volume 5,000 per month
- b. Copy speed: Minimum 15

REQUEST FOR QUOTATION
CRFQ 0212 SWC2200000008
(DIGCOP22)
Digital Copiers

- c. 250 sheet paper capacity
- d. Bypass tray
- e. Auto document feeder
- f. Minimum 8 1/2" x 11" capacity paper tray
- g. Network Printing and Scanning

3.1.2 BAND 2 – MONOCHROME COPIER

3.1.2.1 Band 2 must have the following minimum specifications:

- a. Manufacturer copy volume 15,000 per month
- b. Copy speed: Minimum 20
- c. 1000 sheet paper capacity
- d. 2 paper sources
- e. Auto duplexing
- f. Auto document feeder
- g. Electronic sorting
- h. Network Printing and Scanning

3.1.3 BAND 3 – MONOCHROME COPIER

3.1.3.1 Band 3 must have the following minimum specifications:

- a. Manufacturer copy volume 30,000 per month
- b. Copy speed: Minimum 30
- c. 1,000 sheet paper capacity
- d. 2 paper sources
- e. Auto duplexing
- f. Auto document feeder
- g. Electronic sorting
- h. Network Printing and Scanning

3.1.4 BAND 4 – MONOCHROME COPIER

3.1.4.1 Band 4 must have the following minimum specifications:

- a. Manufacturer copy volume 45,000 month
- b. Copy speed: Minimum 40

REQUEST FOR QUOTATION
CRFQ 0212 SWC2200000008
(DIGCOP22)
Digital Copiers

- c. 1,500 sheet paper capacity
- d. 3 paper sources
- e. Auto duplexing
- f. Electronic sorting
- g. Dual Scan automatic document feeder
- h. Network Printing and Scanning

3.1.5 BAND 5 – MONOCHROME COPIER

3.1.5.1 Band 5 must have the following minimum specifications:

- a. Manufacturer copy volume 65,000 month
- b. Copy speed: Minimum 50
- c. 1,500 sheet paper capacity
- d. 3 paper sources
- e. Auto duplexing
- f. Electronic sorting
- g. Dual Scan automatic document feeder
- h. Network Printing and Scanning

3.1.6 BAND 6 – MONOCHROME COPIER

3.1.6.1 Band 6 must have the following minimum specifications:

- a. Manufacturer copy volume 80,000 month
- b. Copy speed: Minimum 60
- c. 2,000 sheet paper capacity
- d. 4 paper sources
 - 1.) 3 paper sources are acceptable if the paper capacity is met without using a bypass tray.
- e. Auto duplexing
- f. Electronic sorting
- g. Dual Scan automatic document feeder
- h. Network Printing and Scanning

REQUEST FOR QUOTATION
CRFQ 0212 SWC2200000008
(DIGCOP22)
Digital Copiers

3.1.7 BAND 7 – MONOCHROME COPIER

3.1.7.1 Band 7 must have the following minimum specifications:

- a. Manufacturer copy volume 150,000 month
- b. Copy speed: Minimum 70, Maximum 89 cpm
- c. 2,000 sheet paper capacity
- d. 4 paper sources
 - 1.) 3 paper sources are acceptable if the paper capacity is met without using a bypass tray.
- e. Auto duplexing
- f. Electronic sorting
- g. Dual Scan automatic document feeder
- h. Network Printing and Scanning

COLOR COPIERS (Bands 1-7)

3.1.8 BAND 1 – COLOR COPIER

3.1.8.1 Band 1 must have the following minimum specifications:

- a. Manufacturer copy volume 5,000 month
- b. Copy speed: Minimum 15
- c. 250 sheet paper capacity
- d. Bypass tray
- e. Auto document feeder
- f. Minimum 8 1/2" x 11" capacity paper tray
- g. Network Printing and Scanning

3.1.9 BAND 2 – COLOR COPIER

3.1.9.1 Band 2 must have the following minimum specifications:

- a. Manufacturer copy volume 20,000 month
- b. Copy speed: Minimum 20
- c. 1000 sheet paper capacity
- d. 2 paper sources
- e. Auto duplexing

REQUEST FOR QUOTATION
CRFQ 0212 SWC2200000008
(DIGCOP22)
Digital Copiers

- f. Auto document feeder
- g. Electronic sorting
- h. Network Printing and Scanning

3.1.10 BAND 3 – COLOR COPIER

3.1.10.1 Band 3 must have the following minimum specifications:

- a. Manufacturer copy volume 30,000 month
- b. Copy speed: Minimum 30
- c. 1,000 sheet paper capacity
- d. 2 paper sources
- e. Auto duplexing
- f. Auto document feeder
- g. Electronic sorting
- h. Network Printing and Scanning

3.1.11 BAND 4 – COLOR COPIER

3.1.11.1 Band 4 must have the following minimum specifications:

- a. Manufacturer copy volume 40,000 month
- b. Copy speed: Minimum 40
- c. 1,500 sheet paper capacity
- d. 3 paper sources
- e. Auto duplexing
- f. Electronic sorting
- g. Dual Scan automatic document feeder
- h. Network Printing and Scanning

3.1.12 BAND 5 – COLOR COPIER

3.1.12.1 Band 5 must have the following minimum specifications:

- a. Manufacturer copy volume 60,000 month
- b. Copy speed: Minimum 50
- c. 1,500 sheet paper capacity
- d. 3 paper sources
- e. Auto duplexing
- f. Electronic sorting

REQUEST FOR QUOTATION
CRFQ 0212 SWC2200000008
(DIGCOP22)
Digital Copiers

- g. Dual Scan automatic document feeder
- h. Network Printing and Scanning

3.1.13 BAND 6 – COLOR COPIER

3.1.13.1 Band 6 must have the following minimum specifications:

- a. Manufacturer copy volume 75,000 month
- b. Copy speed: Minimum 60
- c. 2,000 sheet paper capacity
- d. 4 paper sources
 - 1). 3 paper sources are acceptable if the paper capacity is met without using a bypass tray.
- e. Auto duplexing
- f. Electronic sorting
- g. Dual Scan automatic document feeder
- h. Network Printing and Scanning

3.1.14 BAND 7 – COLOR COPIER

3.1.14.1 Band 7 must have the following minimum specifications:

- a. Manufacturer copy volume 125,000 month
- b. Copy speed: Minimum 70, Maximum 89 cpm
- c. 2,000 sheet paper capacity
- d. 4 paper sources
 - 1). 3 paper sources are acceptable if the paper capacity is met without using a bypass tray.
- e. Auto duplexing
- f. Electronic sorting
- g. Dual Scan automatic document feeder
- h. Network Printing and Scanning

3.1.15 PROHIBITION OF 90 COPIES PER MINUTE: Vendor shall not include in its bid any copier that produces copies at a rate of 90 copies per minute or more. If Vendor does bid a copier that produces copies at 90 copies per minute or more, that copier will be rejected and Vendor's bid will be evaluated as if Vendor failed to bid a copier for that band.

REQUEST FOR QUOTATION
CRFQ 0212 SWC2200000008
(DIGCOP22)
Digital Copiers

3.1.16 OPTIONAL CLOUD PRINTING SOFTWARE:

3.1.16.1 For agencies requiring cloud printing, the Vendor must provide the software and any necessary accessories to make its cloud printing solution fully functional with the copiers it is providing as part of this contract.

3.1.16.1.1 For purposes of this contract, the State defines 'cloud printing' as the ability print from any copier connected to the network that requires users to retrieve jobs using a log-in, via swope card, to pull the prints from the cloude queue. The required storage device, on-premisis or in the cloud, that allows for prints to be held in queue from all users on the network and that can be accessed via log-in Users would send print jobs via, PCs, Laptops, and Tablets to the copier purchased.

3.1.16.2 The software must allow for 'print release', whereby the print job does not occur until the end user has entered credentials at the copier or authorized the print release in some manner.

3.1.16.3 Vendor's print release solution must allow for print release via a close proximity 'swipe card', in which the end user can scan a badge in lieu of entering credentials manually.

3.1.16.4 Vendor must provide on-going software maintenance and support including patches and upgrades.

3.1.16.5 If the printing solution is to be stored in the cloud as opposed to the agencies local server, the vendor must agree to the **Exhibit_C** WV Cloud-SaaS Procurement Addendum. (see attached).

3.1.16.6 An enterprise solution has not previously existed on any of the State's current copiers. This will be a new offering to the end users and all badges/swipe cards purchased under this contract shall be consistent with the bidders machine offerings.

REQUEST FOR QUOTATION
CRFQ 0212 SWC2200000008
(DIGCOP22)
Digital Copiers

3.1.17 ADDITIONAL CONTRACT ITEM REQUIREMENTS:

3.1.17.1 Copier Requirements: All copiers provided under this contract must:

- A. Be digital equipment. Analog models will not be accepted.
- B. Must be toner based. No Inkjet toner is permitted.
- C. Be capable of reproducing general office correspondence, reports, and bound documents.
- D. Be able to reproduce quality copies from any of the following types of original documents while operating in an automated exposure mode: laser printed originals, multi-generation copies of copies, faxed documents, standard black graphite #2 pencils, red pen & pencil, blue ball point pen, NCR forms (blue or black print on white or colored paper stocks), photographs (color or B&W), solid lines and grids, solids, and graduated gray-scale tones.
- E. Be capable of automatically selecting the proper paper size in respect to the original being copied.
- F. Have the ability to be set for reduction and enlargement in 1% increments.
- G. Be in production and available for sale at time of submitted quote.
- H. Be Energy Star Compliant and be installed with energy saving features enabled.
- I. Be compliant with any Federal or State laws at the time of installation.

REQUEST FOR QUOTATION
CRFQ 0212 SWC2200000008
(DIGCOP22)
Digital Copiers

J. Be capable of copying on plain bond paper in both 8 ½” x 11”, 8 ½” x 14” and 11” x 17”.

a. The 11” x 17” size is required for Bands 2 and above.

K. Must be compatible with using recycled paper, up to and including 100% Post-Consumer Waste (PCW) paper.

a. Vendor may not fault the use of recycled paper for Device failures, as long as the recycled paper in use meets the standard paper

specifications (e.g., multi-purpose, copy, or laser paper).

L. Successful vendor must work with the WVOT (West Virginia Office of Technology) to install print drivers and network settings. Because of the various solutions available from different providers, the winning vendor will be required to work with the Office of Technology to implement the copier, associated software, and upgrades throughout the contract. The Office of Technology will work with the vendor to provide access or to provide necessary assistance.

3.1.17.2 SERVICE AND MAINTENANCE:

A. Full Service Requirement: Vendor must have the ability to provide on-site service and maintenance for all Contract Items.

a. **Leased Copiers:** Agency must enter into a full service and maintenance contract (Per Click Charge) for all Contract Items that are leased.

b. **Purchased Copiers:** If the Contract Items are Purchased, the Agency may elect to include

REQUEST FOR QUOTATION
CRFQ 0212 SWC2200000008
(DIGCOP22)
Digital Copiers

maintenance contract (Per Click Charge) in the purchase price at the time of the purchase.

- c. Vendors must provide an 800 telephone number for service support prior to Contract award.

B. Maintenance A preventative maintenance schedule shall be provided as needed on all Contract Items as specified by the manufacturer. This includes, but is not limited to: routine cleaning, lubrications, replacement of unserviceable parts and all necessary adjustments to ensure successful performance of the equipment.

C. Per Click Charge: Vendor shall provide a per click charge for all monochrome and color copiers to include all parts, supplies and consumables (excluding paper) for each band. Service and maintenance costs include the cost of all inspections, lubrications, cleaning, adjustments, parts, repairs, travel expenses, and supplies (excepting paper) that are necessary to maintain satisfactory performance of the copier.

- a. 11"x17" impressions may be counted as two (2) clicks.
- b. A two-sided document may be counted as two (2) clicks. There shall be no charge for service impressions.
- c. There may not be more than one cost per impression for color impressions, regardless of the number of colors (i.e. a higher charge for 4 colors than for 3 colors).

D. Connectivity Service Support: Vendor must provide service support to coordinate installation of Contract Items with agency personnel.

REQUEST FOR QUOTATION
CRFQ 0212 SWC2200000008
(DIGCOP22)
Digital Copiers

E. Certification Requirement: Service representatives must be full time employees of the Vendor or of a subcontracted party designated by Vendor in writing. All service representatives must be factory trained technicians. The State reserves the right to request proof of certification at any time.

F. Replacement Units: Vendor shall provide a temporary replacement copier for any copier being rented, at no charge, if the Agency's copier is estimated to be down for 16 consecutive working hours or longer for repair. Temporary replacement copiers shall be of comparable size and functionality as the copier it is replacing. The Agency will not pay any charges associated with the temporary replacement unit, but shall pay the charges that it would have incurred if its copier had not been temporarily replaced.

G. Response Requirement: Vendors must respond to all requests for service directly to the agency within sixty (60) minutes by phone call of an Agency's request to confirm the time a technician will arrive and must be on site to complete the repair within four (4) working hours of the request throughout the term of

this Contract for all requests in the following 25 mile radius of these cities: Beckley, Charleston, Huntington, Martinsburg, Morgantown, Parkersburg, All other areas shall respond onsite within eight (8) working hours.

Repetitive complaints concerning the failure to meet this requirement may be cause for cancellation of the contract. Service must be provided during normal working hours (8:00 am to 5:00 pm EST), Monday through Friday, with the exception of State holidays.

REQUEST FOR QUOTATION
CRFQ 0212 SWC2200000008
(DIGCOP22)
Digital Copiers

H. Failure Rate: Any copier averaging more than two malfunctions per month for a three (3) month period shall be reviewed by the Agency with the Vendor present to determine a course of corrective action, which may include but not be limited to, replacement of the machine or cancellation of the order and removal of the machine at no additional cost to the State. All service complaints shall be documented in writing by the Agency. The Purchasing Division shall determine the corrective action necessary in the event that an impasse cannot be resolved to the Agency's satisfaction. This section will apply to the machine for the life of the contract.

For machines without maintenance agreements, this section will apply for the first year of contract for any copier with the understanding that the machine adheres to the published

copy volumes as provided by the vendor and/or manufacturer for that particular make/model copier.

3.1.17.3 Training: Vendor shall provide Agency with in-house at the agency's location or online training within five (5) working days of installation of the equipment or as otherwise agreed to by Agency.

3.1.17.4 Manuals: Vendors shall provide at least one (1) copy of the operator's instruction manual for each Copier leased or purchased to the Agency that has leased or purchased it.

3.1.17.4.1 Each manual shall include the vendor's name, telephone number(s), contact person(s), and complete instructions for inspecting, adjusting, clearing jams and operating the machine and any installed accessories.

3.1.17.4.1.1 The instruction manual may be provided in an electronic format.

REQUEST FOR QUOTATION
CRFQ 0212 SWC2200000008
(DIGCOP22)
Digital Copiers

3.1.17.5 Paper Requirement: To qualify as a paper source, a tray must contain a minimum of 500 sheets.

3.1.17.5.1 A stack feed bypass (allows insertion of 20 to 150 sheets at a time and provides multi-copy capability) may not be substituted or included for the paper requirement.

3.1.17.6 Fees and Costs: Purchase price for monochrome and color copiers, monthly rental fees, per click charges, and other supply costs and maintenance costs shall remain firm for the life of the Contract. Pricing shall also be inclusive of shipping, delivery, installation, and training fees.

If the item bid is discontinued, the vendor may propose an equivalent product meeting or exceeding the specifications at the same bid price to the Purchasing Division for approval. If the replacement item is accepted/approved, the item will be added by change order.

3.1.17.7 Manufacturer Accessory Listing Requirements (Required Accessories): Vendors shall input their pricing for accessories listed on the Pricing Pages. Any accessory listed in the Exhibit_A Pricing Pages are generic in description and function and are to be considered the minimum specification requirements to be met for the accessory description. Bidders are permitted to provide an accessory that exceeds the minimum description listed.

3.1.17.7.1 If an accessory is required to meet the minimum specification requirements for a copier, the accessory will be required to be included in the base unit price and provided to the end user in that configuration.

3.1.17.7.2 If a manufacturer has an accessory that meets multiple requested items on the pricing pages, the same accessory item may be bid for each requested

REQUEST FOR QUOTATION
CRFQ 0212 SWC2200000008
(DIGCOP22)
Digital Copiers

item as long as the minimum specification/description requirement are met for each item of the pricing pages.

3.1.17.8 Manufacturer Accessory Listing (Optional Catalog):

3.1.17.8.1 Vendors should submit a Catalog of all additional accessories that are available for all copiers bid. That catalog must be submitted with the bid to be included in this Contract and must contain the MSRP for all items listed in the catalog. In the event that vendor does not have a catalog from the manufacturer, it may create one. The MSRP of each accessory will be used to determine the discounted price of the accessory using the percentage provided in the Exhibit_A Pricing Pages.

3.1.17.8.1.1 Agencies desiring to Purchase an accessory from the vendors submitted catalog will be permitted to purchase the accessory at the established discounted price (List Price minus Discount Percentage) established in the contract.

3.1.17.8.1.2 Agencies desiring to Lease an accessory from the vendors submitted catalog will be permitted to lease the accessory at the established discounted price (MSRP minus the Discount Percentage), then multiply the Discounted Price by the appropriate lease factor. The factor price will then be divided by the lease term to establish a monthly lease cost of the accessory to the agency.

REQUEST FOR QUOTATION
CRFQ 0212 SWC2200000008
(DIGCOP22)
Digital Copiers

3.1.17.8.1.2.1 EXAMPLE: \$2000.00
Accessory Discounted
Price (After Discounted
Percentage applied) (x)
.0814 Lease Factor for 36
Months = \$162.80 Lease
Factor Accessory Monthly
Price (x) 36 Month Term
= \$5,860.80 Total Lease
Contract Price for 36
months.

3.1.17.8.1.3 Invoices for Purchased accessories off the Catalog must show the accessory MSRP, Discount Percentage, and final Discounted Price on the invoice provided to the agency.

3.1.17.8.1.4 Invoices for Leased accessories off the Catalog must show the accessory MSRP, Discount Percentage, the Discounted Price, the Term Lease Factor, the Lease Factor Price, the Monthly Cost (Lease Factor Cost divided by the Lease Term) provided to the agency.

3.1.17.9 New Requirement: All Contract Items must be New (not been Refurbished, Remanufactured, rented, leased, sold, or used in a demonstration, and are currently being marketed by the Manufacturer). Only equipment designated as factory new shall be accepted with a new machine warranty.

3.1.17.10 Retrofits: Any convenience, performance or safety-related retrofits that may be mandated by the vendor, manufacturer, or laws, must be installed at no additional cost on copiers placed in service resulting from a contract.

REQUEST FOR QUOTATION
CRFQ 0212 SWC2200000008
(DIGCOP22)
Digital Copiers

3.1.17.10.1 Features must be installed within 90 calendar days after it becomes available to the public.

3.1.17.11 Published Specifications: All copiers quoted must have published copy volumes per month and copies per minute. Vendors must provide published descriptive literature to illustrate compliance with the minimum, mandatory band specifications, which include copy volumes per month, copies/minute data, available memory, paper sources and paper capacity, etc. prior to award. Vendor should highlight or circle all mandatory specification features on the literature provided for each copier bid.

3.1.17.12 Parts Availability: Vendors must guarantee that all parts and service on all purchased units shall be available for a period of seven years from the date of purchase and for the term of the rental on all rental units. All parts shall not be used.

3.1.17.13 Scan Charges: Scanning charges, in addition to, or as a part of the per copy charge, shall not be allowed. Scanning can only be billed as an accessory that may increase the monthly cost per unit as shown on the Pricing Pages. There shall be no charge for scans which do not produce a physical document.

3.1.17.14 Power Protection: Vendors must include a surge and ground noise protection unit for every copier purchased/leased under this contract (price included in copier).

3.1.17.14.1 Power protector must meet the manufacturer's recommended minimum standard.

3.1.17.15 Power Requirements: If a copier requires a dedicated power line, it is the joint responsibility of the vendor and Agency to determine if this requirement can be met. Vendor is not responsible for providing power if the necessary power outlets or junctions are not available.

REQUEST FOR QUOTATION
CRFQ 0212 SWC2200000008
(DIGCOP22)
Digital Copiers

3.1.17.16 Network Connection: All network connected units must include all cable, cards, etc. for connection to the Agency's network at no additional cost to the Agency. Vendor's equipment must be capable of connecting to an Ethernet/Fast-Ethernet network that has either Microsoft or Novell as the network operating system.

3.1.17.17 Firmware/Software: Vendors shall ensure that it provides all necessary firmware/software with each copier to allow Agency to obtain full use of the copier being installed. The cost of any firmware/software shall be included in the base price of the copier being bid. Agency must obtain approval from the appropriate entity prior to connecting any firmware/software to a State network. Vendor must maintain current Firmware/Software updates for each copier as per manufacturer updates.

3.1.17.18 Information Security: All stored information must be secured and rendered unreadable by Vendor whenever a copier is removed from service. Removal and rendering information unusable must be conducted in accordance with the policies and procedures of the Office of Technology or other entity that has authority over technology related matters for the Agency,

specifically pursuant to NIST standards and provide a certificate of validation with all pertinent hard drive identification information such as the serial number.

For purchased machines, the agency must dispose of the machine and hard drive per the policies of the WV State Agency for Surplus Property and the Office of Technology.

For leased machines: At the end of the lease, if the agency does not choose to keep the machine, the vendor shall remove the machine's hard drive and leave it with the agency for disposition in accordance with procedures prescribed by the Office of Technology.

REQUEST FOR QUOTATION
CRFQ 0212 SWC2200000008
(DIGCOP22)
Digital Copiers

The cost associated to remove the hard drive must be incorporated into the unit pricing.

3.1.17.19 Vendor Certification: Vendor, if other than the manufacturer, should provide the following authorization/certification with bid but is required prior to award of the Contract:

3.1.17.19.1 Verification from the Manufacturer that vendor or vendor's subcontractor is an "Authorized Dealer/Distributor" and/or "Service Representative" that is authorized to sell and service manufacturer's products.

3.1.17.19.1.1 Note: the State will only contract with one vendor and all orders, billing and service issues will be communicated to one entity.

3.1.17.20 Leasing of machines: If a third party leasing company is used, they will be held to the specifications of the contract. The State cannot permit payment to the leasing agency directly, the State can only pay the vendor who is awarded the contract. The State cannot sign lease documents if leased through another company meaning any other entity other than the awarded vendor.

3.1.17.20.1 If an agency has a lease under an expired master contract, the current placements will remain under the requirements of the Master Contract until the lease term expires. Once the lease term expires, the state agency will be required to procure a new machine on the then current master contract.

3.1.17.19.2 Equipment Removal. Upon termination of the Lease, the Vendor shall take required action to have all equipment removed. Upon written notification by the State, the equipment shall be removed within ten (10) calendar days from lease termination or the expiration date, at no additional cost to the State.

REQUEST FOR QUOTATION
CRFQ 0212 SWC2200000008
(DIGCOP22)
Digital Copiers

3.1.17.19.2.1 Equipment not removed within the allotted time frame, shall be shipped to Vendor at the Vendor's expense.

3.1.17.20.2 Equipment Relocation/Transfer. The State shall be allowed to move or transfer the equipment from one location to another, at its own expense, as deemed necessary with no change to lease, maintenance plans nor loss of equity. The State shall provide written notification to Vendor of any move or transfer and include new location information. No installation or de-installation charges will be billed based on changes in location.

3.1.17.21 Survivability:

3.1.17.21.1 Any order placed under the Contract (DIGCOP21) shall survive the expiration of the contract.

3.1.17.21.1.1 Any order placed under the Contract shall survive the expiration of the Contract.

Example:

An agency enters into a 48 month lease one (1) week before the Contract expires. That lease will remain in effect for the full 48 months, unless the

customer terminates the lease sooner. In addition, all the Contract requirements that accompany the 48 month lease will also remain in effect until the lease is terminated.

3.1.17.21.1.2 Vendor will not be permitted to increase pricing on any Order that was placed prior to the expiration of the Contract.

Example:

Purchase: A customer purchases a Device and enters into a 12 month Maintenance Agreement (Per Click

REQUEST FOR QUOTATION
CRFQ 0212 SWC2200000008
(DIGCOP22)
Digital Copiers

Charge) one (1) week before the Contract is set to expire. The pricing for that Maintenance Agreement must remain firm for the 12 month term.

Example:

Lease: A customer enters into a 48 month lease one (1) year before the Contract expires. The pricing for that lease (including the Equipment, the Maintenance Agreement, an MPS statement of work, etc.) must remain firm for the 48 month term, unless the customer terminates the lease sooner.

3.1.17.20.1.3 Vendor shall maintain compliance with all requirements of the Contract throughout the duration of the Contract.

4. CONTRACT AWARD:

4.1 Contract Award: The Purchasing Division intends to award this Contract to a single vendor that will provide the Contract Items listed on the Exhibit_A Pricing Pages. This Contract shall be limited to only the Contract Items (Copiers and Accessories) included in the Pricing Pages and the vendor's submitted Accessory Catalog. This Contract will be awarded to the Vendor that provides the Contract Items for the lowest Total Overall Bid Price for the Items on the Pricing Pages. Failure to bid the requested Contract Items may result in rejection of a vendor's bid. Notwithstanding the foregoing, the Purchasing Division reserves the right to split the award of this Contract among multiple Vendors if doing so is found to be in the best interest of the State of West Virginia.

Pricing must include setup, delivery of equipment, software, installation of equipment/accessories/software, network installation, removal of all waste material, initial training costs, and removal cost (of the equipment placed under any subsequent agreement). No additional charges or fees will be paid under this contract.

Accessories: Vendor shall not provide any accessories other than those listed on the Exhibit_A Pricing Pages and the submitted accessory catalog under this contract. The accessory descriptions provided are to be the

REQUEST FOR QUOTATION
CRFQ 0212 SWC2200000008
(DIGCOP22)
Digital Copiers

minimum specification requirements for each item listed. All prices for the listed copiers on the pricing pages should include the vendor's profit, shipping, setup cost and installation for all items. Any attempt to provide a separate charge for fees is prohibited under this contract. Only the copier bid for each band and the related accessories listed on the Pricing Pages and submitted accessory catalog shall be provided to an Agency at the established pricing.

- 4.2 Pricing Pages:** The Pricing Pages consist of the seven (7) item numbers (tabs) each listing an order type and containing 1 through 7 monochrome copier bands with accessories. Vendor should bid only one (1) copier per band. In the event that a single Vendor submits multiple copiers for any given band, only the lowest cost copier will be considered for evaluation purposes. The bands are defined in Section 3 above. Additionally, the Pricing Pages contain accessories for each copier in a specific band. Additional accessories may be purchased from the manufacturer's accessory catalog submitted with the bid at the established discounted pricing as established in the pricing pages. Each Band contains some or all of the following:

Purchased Machines (Pricing Page Tabs No. 1 and 2)

- 4.2.1 Copier** – Vendor must list the brand name and Model No. of the single copier that it is bidding for the item no. and band number requested. Vendor must also list the unit price for each item number bid. Then, the vendor should multiply the unit price by the

Estimated quantity to get the Total price for each line item, if not completing the Pricing Pages electronically.

- 4.2.2 Accessories** – Vendor must include the “Brand Name” of the accessory, the “Model Number” of the accessory and the Unit Price for each accessory.

- 4.2.2.1** If the accessory is included in the base copier bid, then “INCLUDED” should be entered into the Model Number field (Brand Name of Accessory should be inserted in the Brand Name box) and \$0.00 entered as the Unit Price into the pricing pages.

- 4.2.2.1.1** The Included Accessory will be calculated into the bidders final overall cost at \$0.00.

REQUEST FOR QUOTATION
CRFQ 0212 SWC2200000008
(DIGCOP22)
Digital Copiers

- 4.2.2.1.1.1** Any accessory that does not have a price provided for the accessories listed in the Pricing Pages will be considered as “Included” in the bid copier base price and must be provided with the copier when delivered.
- 4.2.2.1.1.2** Any accessory contained in the Exhibit_A Pricing Pages must be available for purchase or lease at the established pricing for the life of the Contract.
- 4.2.2.1.2** Any accessory that is **“NOT LISTED”** on the Exhibit_A Pricing Pages, but are made available as an option on the Accessory Catalog submitted in the vendor’s bid must identify the MSRP for each accessory.
- 4.2.2.1.2.1** State Agencies and Political Subdivisions utilizing the contract awarded as a result of this RFQ, will be permitted to purchase from the Accessory Catalog at MSRP minus the discount calculated using the Single Discount Percentage established in the Exhibit_A Pricing Pages.
- 4.2.2.1.2.2** Vendor may submit an updated MSRP list for the available additional accessories (not priced in the Exhibit_A Pricing Pages) at the time of contract renewal for the Purchasing Division to review. If approved, the new accessory MSRP list will be incorporated into the contract by Change Order and will be effective upon the

REQUEST FOR QUOTATION
CRFQ 0212 SWC2200000008
(DIGCOP22)
Digital Copiers

completion of the renewal documents.

4.2.2.1.3 **“IMPORTANT NOTICE”** Failure to include pricing for any accessory listed on the Exhibit_A Pricing Pages that do not have the term “INCLUDED” in the “Brand Name” and “Model Number” box AND is subsequently found within the submitted MSRP List for accessory may be grounds for clarification, re-evaluation of the submitted bid, bid disqualification, and/or cancellation of the contract upon discovery.

4.2.3 Per Click Charge Per Copier (Monochrome) - Vendor must provide a unit price for the per click charge price which must include maintenance and consumables. By entering Unit Price into the pricing pages, the Total Pricing will automatically calculate the bid totals.

4.2.4 Per Click Charge Per Copier (Color) – Vendor must provide a unit price for the per click charge price which must include maintenance and consumables. By entering Unit Price into the pricing pages, the Total Pricing will automatically calculate the bid totals.

4.2.5 Total for Bands 1 through 7 (Monochrome) and Bands 1 through 7 (Color) – This is the line below each band to allow the Vendor to add up all of the Total Costs for each band. The total for each band will then be added together to arrive at either the Total Purchase Price of Monochrome Bands 1 – 7 or the Total Purchase Price of Color Bands 1 – 7. By entering Unit Price into the pricing pages, the Total Pricing will automatically calculate the bid totals.

REQUEST FOR QUOTATION
CRFQ 0212 SWC2200000008
(DIGCOP22)
Digital Copiers

Leased Machines (Pricing Page Tabs Number 3 through 6)

- 4.2.6 Copier (including maintenance for ___ copies)** – Vendor must list the brand name and Model No. of the copier that it is bidding for the item no. and band number in question. As indicated, the Unit Price on all leased copiers must include any service and maintenance costs for the number of copies per month listed. The space above has been left blank because each band has a different number of copies included. By entering the Unit Price into the pricing pages, it will automatically calculate the Total Price Per Month (Including Maintenance).
- 4.2.7 Copier** – Same as above.
- 4.2.8 Accessories** – Same as above.
- 4.2.9 Total for Band 1 through 7 (for Monochrome & Color)** – Same as above.
- 4.2.10 Per Click Copy Charge (Monochrome)** – Vendor must list the per click copy charge for monochrome copies in the Unit Price column for this line item. The unit price should then be multiplied by the Estimated Quantity clicks per month and by the estimated copiers for the specific band to arrive at the Total Price per Month. Then the Total Price Per Month should be multiplied by the lease term (36 or 48 months) to arrive at the Total Lease Term cost. By entering Unit Price into the pricing pages, the Total Pricing will automatically calculate the bid totals.

**4.2.10.1.1 EXAMPLE: MONOCHROME 36 month
Lease Band 2:**

$$\begin{aligned} & 2,200 \text{ (Estimated Clicks Per Month)} \\ & \times \$1.00 \text{ (Unit Price Per Click)} \\ & \times \underline{\quad 3 \quad} \text{ (Estimated Number of copiers)} \\ & = \$6,600.00 \text{ (Total Monthly Price)} \\ & \times \underline{\quad 36 \quad} \text{ (Number of Lease Months)} \\ & = \$237,600.00 \text{ (Total Lease Term Cost)} \end{aligned}$$

REQUEST FOR QUOTATION
CRFQ 0212 SWC2200000008
(DIGCOP22)
Digital Copiers

4.2.10.1.2 EXAMPLE: MONOCHROME

Purchase Band 3:

$$\begin{aligned} & 4,500 \text{ (Estimated Clicks Per Month)} \\ & \times \$1.00 \text{ (Unit Price Per Click)} \\ & \times \underline{\quad 5 \quad} \text{ (Estimated Number of copiers)} \\ & = \$54,000.00 \text{ (Total Monthly Price)} \\ & \times \underline{\quad 12 \quad} \text{ (Months per Year)} \\ & = \$270,000.00 \text{ (Total Yearly Cost)} \end{aligned}$$

4.2.11 Per Click Copy Charge (Color) – Vendor must list the per click copy charge for color copies and monochrome copies in the Unit Price column for each line item. The unit price should then be multiplied by the Estimated Quantity clicks per month and by the estimated copiers for the specific band to arrive at the Total Price per Month. Then the Total Price Per Month should be multiplied by the lease term to arrive at the Total Lease Term cost. By entering Unit Price into the pricing pages, the Total Pricing will automatically calculate the bid totals. (SEE ABOVE EXAMPLE).

4.2.12 Total Monthly Lease Price of Monochrome Bands 1 through 7 for ____ Month Lease – This line item represents a combined total of all monochrome bands in the specified monthly lease period. Vendor should ensure that this line item has been properly added and completed. The space above is left blank because on the pricing pages it will continue either 36 or 48 months.

4.2.13 Total Monthly Lease Price of Color Bands 1 through 7 for _____Month Lease – This line item represents a combined total of all color bands in the specified monthly lease period. Vendor should ensure that this line item has been properly added and completed. The space above is left blank because on the pricing pages it will continue either 36 or 48 months.

Final Pricing Page

4.2.14 Total Price for All Items – The last page of the Pricing Pages (Tab #8 labeled Overall Total Bid Price) contains a chart of each items (Pricing Page Tabs 1 through 7) total Price and a combined total of all items identified as the Total Price for All Items. The prices for each tab will automatically populate the Total Bid Amount for each tab on this page. However, Vendor should ensure that each of these

REQUEST FOR QUOTATION
CRFQ 0212 SWC2200000008
(DIGCOP22)
Digital Copiers

line items has been properly added and completed before submitting their bid.

- 4.3** Vendor should complete the Pricing Pages by filling in any blank spaces with the information requested. The information requested on the Pricing Pages for each Eligible Item includes the Brand Name of the Item Bid, the Model No. of Item Bid, and the Unit Price of the item bid, totals for each band, totals for each combined set of bands (For example: Total Purchase Price of Monochrome Bands 1 through 7), and the Total Price for all Items. Vendor should complete all columns as failure to complete the Pricing Pages in their entirety may result in Vendor's bid being disqualified. Notwithstanding the foregoing, the Purchasing Division may correct errors at its discretion.

The Pricing Pages also contain a list of estimated quantities that will be purchased. The estimated quantity for each item represents the approximate volume of anticipated purchases only. No future use of the Contract or any individual item is guaranteed or implied.

Vendor should type or electronically enter the information into the **Exhibit_A Pricing Pages** to prevent errors in the evaluation. The Pricing Pages will automatically perform the necessary calculations once the Unit Price has been entered for each item. Vendor is required to ensure that the calculation is correct prior to bid submission. The Pricing Pages were created as a Microsoft Excel document and Vendor can request an electronic copy for bid purposes by sending an email request to Mark Atkins at Mark.A.Atkins@wv.gov.

5. ORDERING AND PAYMENT:

- 5.1 Ordering Procedure:** At the time of need, agencies shall review the minimum specification requirements for copier bands to determine the appropriate band required. The agency should should execute an ADO (Agency Delivery Order) in wvOasis or use the WV-39 form to obtain Contract Items under this Contract. Some State Agencies are required to obtain 3rd party approval from the West Virginia Office of Technology prior to ordering. Ordering Instructions will be published on the West Virginia Purchasing Division's website at the time of contract award.

An Agency may either lease or purchase the Contract Items from the vendor awarded this Contract.

Vendor shall accept orders by regular mail, facsimile, e-mail, or any other written forms of communication. Vendor may, but is not required to, accept on-line orders through a secure internet ordering portal/website. If Vendor has the ability to accept

REQUEST FOR QUOTATION
CRFQ 0212 SWC2200000008
(DIGCOP22)
Digital Copiers

on-line orders, it should include in its response a brief description of how Agencies may utilize the on-line ordering system. Any on-line ordering system must have the capability to restrict prices and available items to conform to the Catalog originally submitted with this RFQ. Vendor shall ensure that its on-line ordering system is properly secured prior to processing Agency orders on-line.

5.2 Maintenance (optional for Purchases only): Agencies have the option of not entering into a maintenance/service contract (Per Click Charge) on purchased copiers.

5.2.1 If maintenance is not obtained through this Contract at the time of the initial purchase, an Agency may obtain it at a later date through a separate procurement process (not part of this Contract) utilizing their agency delegated authority, on a per call, time and materials basis.

5.3 Short Term Rental: Any Agency requiring a copier for less than a 36-month term shall bid the procurement on the open market in accordance with State of West Virginia, Department of Administration, Purchasing Division rules and regulations.

5.4 Payment: Vendor shall accept payment in accordance with the payment procedures of the State of West Virginia. Methods of acceptable payment must include the West Virginia Purchasing Card. Payment in advance is not permitted under this Contract.

5.5 Invoicing/Meter Read: Normal invoicing shall be monthly in arrears. However, upon mutual agreement of the Vendor and Agency, invoicing may be done on a quarterly basis in arrears. This option is being made available to diminish the administrative burden of obtaining a monthly meter read. Agencies may provide meter readings monthly or quarterly as agreed. Vendors may accept meter readings via their web site, fax, telephone, or any means agreeable to the Vendor and Agency.

6. DELIVERY AND RETURN:

6.1 Delivery Time: Vendor shall deliver standard orders within 30 calendar days after orders are received. Vendor shall ship all orders in accordance with the above schedule and shall not hold orders until a minimum delivery quantity is met.

6.2 Late Delivery: The Agency placing the order under this Contract must be notified in writing if orders will be delayed for any reason. Any delay in delivery that could cause harm to an Agency will be grounds for cancellation of the delayed order, and/or obtaining the items ordered from a third party.

Any Agency seeking to obtain items from a third party under this provision must first obtain approval of the Purchasing Division.

REQUEST FOR QUOTATION
CRFQ 0212 SWC2200000008
(DIGCOP22)
Digital Copiers

6.3 Delivery Payment/Risk of Loss: Standard order delivery shall be F.O.B. destination to the Agency's location. Vendor shall include the cost of standard order delivery charges in its bid pricing/discount and is not permitted to charge the Agency separately for such delivery. The Agency will pay delivery charges on all emergency orders provided that Vendor invoices those delivery costs as a separate charge with the original freight bill attached to the invoice.

The Vendor must assume all shipping and installation charges and all insurance charges associated with the delivery of the equipment. Any delivery or installation charge, including connection to the end user's network, if desired, shall be incorporated into the base price of the equipment. Prices must include initial training and start-up supplies. Start-up supplies shall be the normal quantity to begin operation of the equipment.

6.4 Installation and Removal Charges: All Contract Items sold or leased to an Agency under this Contract shall be installed and removed free of charge. This applies to all situations or de-installations.

6.5 Return of Unacceptable Items: If the Agency deems the Contract Items to be unacceptable, the Contract Items shall be returned to Vendor at Vendor's expense and with no restocking charge. Vendor shall either make arrangements for the return within five (5) days of being notified that items are unacceptable, or permit the Agency to arrange for the return and reimburse Agency for delivery expenses. If the original packaging cannot be utilized for the return, Vendor will supply the Agency with appropriate return packaging upon request. All returns of unacceptable items shall be F.O.B. the Agency's location. The returned product shall either be replaced, or the Agency shall receive a full credit or refund for the purchase price, at the Agency's discretion.

Patent Defect – the right to return 10 business days after installation and testing; and

Latent Defect – the right to return 10 business days after discovery and confirmation that there is a defect.

6.6 Return Due to Agency Error: Items ordered in error by the Agency will be returned for credit within 30 days of receipt, F.O.B. Vendor's location. Vendor shall not charge a restocking fee if returned products are in a resalable condition. Items shall be deemed to be in a resalable condition if they are unused and in the original packaging. Any restocking fee for items not in a resalable condition shall be the lower of the Vendor's customary restocking fee or 5% of the total invoiced value of the returned items.

REQUEST FOR QUOTATION
CRFQ 0212 SWC2200000008
(DIGCOP22)
Digital Copiers

7. VENDOR DEFAULT:

7.1 The following shall be considered a vendor default under this contract.

7.1.1 Failure to provide Eligible Items in accordance with the requirements contained herein.

7.1.2 Failure to comply with other specifications and requirements contained herein.

7.1.3 Failure to comply with any laws, rules, and ordinances applicable to the Contract Services provided under this Contract.

7.1.4 Failure to remedy deficient performance upon request.

7.2 The following remedies shall be available to Agency upon default.

7.2.1 Immediate cancellation of the Contract.

7.2.2 Immediate cancellation of one or more release orders issued under this Contract.

7.2.3 Any other remedies available in law or equity.

8. MISCELLANIOUS:

8.1 No Substitutions: Vendor shall supply only Contract Items submitted in response to the RFQ. Vendor shall not supply substitute items without Purchasing Division approval.

8.2 Vendor Supply: Vendor must carry sufficient inventory of the Contract Items being offered to fulfill its obligations under this Contract. By signing its bid, Vendor certifies that it can supply the Contract Items contained in its bid response.

REQUEST FOR QUOTATION
CRFQ 0212 SWC2200000008
(DIGCOP22)
Digital Copiers

8.3 Quarterly Reports:

8.3.1 Agency: Vendor shall provide quarterly reports and annual summaries to the Agency showing the Agency's items purchased, quantities of items purchased, and total dollar value of the items purchased. Vendor shall also provide reports, upon request, showing the items purchased during the term of this Contract, the quantity purchased for each of those items, and the total value of purchases for each of those items. Failure to supply such reports may be grounds for cancellation of this Contract.

8.3.2 Purchasing Division: The Vendor shall provide quarterly utilization reports containing at a minimum the following information pertaining to the State of West Virginia agencies, boards, commissions, and political subdivisions:

8.3.2.1 Ordering Entity;

8.3.2.2 Purchase order number;

8.3.2.3 Description;

8.3.2.4 Quantity: copier band, accessories, click charges, etc.

8.3.2.5 Price.

8.3.2.6 Onsite service response.

These reports will be provided in editable Excel format and sent via email to Mark.A.Atkins@wv.gov on a quarterly basis as follows:

PERIOD END

December 31

March 31

June 30

September 30

REPORT DUE

January 31

April 30

July 31

October 31

Failure to supply such reports may be grounds for cancellation of this Contract.

8.4 Contract Manager: During its performance of this Contract, Vendor must designate and maintain a primary contract manager responsible for overseeing Vendor's responsibilities under this Contract. The Contract manager must be available during normal business hours to address any customer service or other issues related to this Contract.

8.5 Minimum Qualification Experience: Vendors must have a minimum of five (5) years of relevant experience in copier sales and service and must be an authorized manufacturer representative. Vendors must provide a written manufacturers' certification evidencing authorization to sell and service the copiers that will be

REQUEST FOR QUOTATION
CRFQ 0212 SWC2200000008
(DIGCOP22)
Digital Copiers

offered in each band. Failure to provide required information when requested by the Purchasing Division may result in disqualification of the bid.

- 8.6 Subcontracts/Joint Ventures:** The Vendor is solely responsible for all work performed under the Contract and shall assume prime contractor responsibility for all services offered and products to be delivered under the terms of this Contract. The State will consider the Vendor to be the sole point of contact with regard to all contractual matters. The Vendor may, with the prior written consent of the State, enter into written subcontracts for performance of work under this Contract; however, the Vendor is totally responsible for payment of the subcontractor.
- 8.7 Rental Term:** Prices for all standard rental units are to be for a 36 and 48 month term. In addition, rental orders may be extended on a month to month basis upon mutual written agreement of the parties. Month to month extension should only be used when an agency has a compelling reason such as anticipation of an office move or closing. After expiration of this Contract, month to month extensions are not permitted, but lease agreements entered into under this Contract prior to expiration shall remain in effect for the remainder of the lease term.
- 8.8 Damages:** Agencies shall be responsible for damages or loss of rental equipment caused by misuse, abuse, vandalism, theft, fire, flood, or any other occurrence where necessary care was not taken by the agency to prevent loss to the vendor.
- 8.9 Contract Manager:** During its performance of this contract, Vendor must designate and maintain a primary contract manager responsible for overseeing Vendor's responsibilities under this Contract. The Contract manager must be available during normal business hours to address any customer service or other issues related to this Contract. Vendor should list its Contract manager and his or her contact information below.

Contract Manager: Christine Bush

Telephone Number: 804-519-3703

Fax Number: _____

Email Address: BushC@Sharpsec.com



Department of Administration
 Purchasing Division
 2019 Washington Street East
 Post Office Box 50130
 Charleston, WV 25305-0130

State of West Virginia
 Centralized Request for Quote
 Office Equip.

Proc Folder: 967276
Doc Description: Statewide Contract for DIGITAL COPIERS & ACCESSORIES
Reason for Modification: ADDENDUM_1
Proc Type: Statewide MA (Open End)

Date Issued	Solicitation Closes	Solicitation No	Version
2022-01-07	2022-01-18 13:30	CRFQ 0212 SWC2200000008	2

BID RECEIVING LOCATION

BID CLERK
 DEPARTMENT OF ADMINISTRATION
 PURCHASING DIVISION
 2019 WASHINGTON ST E
 CHARLESTON WV 25305
 US

VENDOR

Vendor Customer Code: 000000103733
Vendor Name : Sharp Electronics Corporation
Address : 100 Paragon Drive
Street :
City : Montvale
State : New Jersey **Country :** USA **Zip :** 07645
Principal Contact : Christine Bush
Vendor Contact Phone: 804-519-3703 **Extension:**

FOR INFORMATION CONTACT THE BUYER

Mark A Atkins
 (304) 558-2307
 mark.a.atkins@wv.gov

Vendor Signature X Mike Marusic, President of SIICA **FEIN#** 13-1968872 **DATE** 1/13/22

All offers subject to all terms and conditions contained in this solicitation

ADDITIONAL INFORMATION

ADDENDUM_1 Is issued for the following:

1. To publish the State's response to the questions submitted by Vendors during the Technical Questioning period.
2. To publish the Exhibit_A Pricing Pages Revised 01/05/2022.

No other changes made.

The West Virginia Purchasing Division is soliciting bids on behalf of all state agencies and political subdivisions to establish an Open-End Statewide Contract for Digital Copiers and Accessories per the attached documentation.

INVOICE TO		SHIP TO	
VARIOUS AGENCY LOCATIONS AS INDICATED BY ORDER		STATE OF WEST VIRGINIA VARIOUS LOCATIONS AS INDICATED BY ORDER	
No City US	WV	No City US	WV

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
1	Digital Copiers & Accessories (Purchased)	0.00000	LS		

Comm Code	Manufacturer	Specification	Model #
44101501			

Extended Description:

PURCHASED: Digital Copiers & Accessories

Note: Vendor shall complete each tab in the Exhibit_A Pricing Pages for bid pricing AND must attach with bid.

If vendor is submitting a bid online via wvOasis, Vendor should enter \$0.00 in the wvOasis commodity line and attach the Exhibit_A Pricing Pages to their bid.

See Section #6 BID SUBMISSION in the Instructions to Bidders document for additional information.

INVOICE TO		SHIP TO	
VARIOUS AGENCY LOCATIONS AS INDICATED BY ORDER		STATE OF WEST VIRGINIA VARIOUS LOCATIONS AS INDICATED BY ORDER	
No City US	WV	No City US	WV

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
3	Digital Copiers & Accessories (Leased)	0.00000	MO		

Comm Code	Manufacturer	Specification	Model #
44101501			

Extended Description:

LEASED: Digital Copiers & Accessories

Note: Vendor shall complete each tab in the Exhibit_A Pricing Pages for bid pricing AND must attach with bid.

If vendor is submitting a bid online via wvOasis, Vendor should enter \$0.00 in the wvOasis commodity line and attach the Exhibit_A Pricing Pages to their bid.

See Section #6 BID SUBMISSION in the Instructions to Bidders document for additional information.

INVOICE TO		SHIP TO	
VARIOUS AGENCY LOCATIONS AS INDICATED BY ORDER		STATE OF WEST VIRGINIA VARIOUS LOCATIONS AS INDICATED BY ORDER	
No City US	WV	No City US	WV

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
4	Per Click Charge (Inc. Maintenance & Consumables)	0.00000			

Comm Code	Manufacturer	Specification	Model #
44101501			

Extended Description:

Per Click Charge - MONOCHROME & COLOR (Includes Maintenance and Consumables)

Note: Vendor shall complete each tab in the Exhibit_A Pricing Pages for bid pricing AND must attach with bid.

If vendor is submitting a bid online via wvOasis, Vendor should enter \$0.00 in the wvOasis commodity line and attach the Exhibit_A Pricing Pages to their bid.

See Section #6 BID SUBMISSION in the Instructions to Bidders document for additional information.

SCHEDULE OF EVENTS

<u>Line</u>	<u>Event</u>	<u>Event Date</u>
1	Technical Questions due by 10:00am EST.	2022-01-05

	Document Phase	Document Description	Page
SWC2200000008	Final	Statewide Contract for DIGITAL COPIERS & ACCESSORIES	4

ADDITIONAL TERMS AND CONDITIONS

See attached document(s) for additional Terms and Conditions



Department of Administration
 Purchasing Division
 2019 Washington Street East
 Post Office Box 50130
 Charleston, WV 25305-0130

State of West Virginia
 Centralized Request for Quote
 Office Equip.

Proc Folder: 967276		Reason for Modification:	
Doc Description: Statewide Contract for DIGITAL COPIERS & ACCESSORIES		ADDENDUM_1	
Proc Type: Statewide MA (Open End)			
Date Issued	Solicitation Closes	Solicitation No	Version
2022-01-07	2022-01-18 13:30	CRFQ 0212 SWC2200000008	2

BID RECEIVING LOCATION

BID CLERK
 DEPARTMENT OF ADMINISTRATION
 PURCHASING DIVISION
 2019 WASHINGTON ST E
 CHARLESTON WV 25305
 US

VENDOR

Vendor Customer Code: 000000103733
Vendor Name : Sharp Electronics Corporation
Address : 100 Paragon Drive
Street :
City : Montvale
State : New Jersey **Country :** USA **Zip :** 07645
Principal Contact : Christine Bush
Vendor Contact Phone: 804-519-3703 **Extension:**

FOR INFORMATION CONTACT THE BUYER
 Mark A Atkins
 (304) 558-2307
 mark.a.atkins@wv.gov

Vendor Signature X Mike Marusic, President of SIICA FEIN# 13-1968872 DATE 1/12/22

All offers subject to all terms and conditions contained in this solicitation

ADDITIONAL INFORMATION

ADDENDUM_1 Is issued for the following:

1. To publish the State's response to the questions submitted by Vendors during the Technical Questioning period.
2. To publish the Exhibit_A Pricing Pages Revised 01/05/2022.

No other changes made.

The West Virginia Purchasing Division is soliciting bids on behalf of all state agencies and political subdivisions to establish an Open-End Statewide Contract for Digital Copiers and Accessories per the attached documentation.

INVOICE TO		SHIP TO	
VARIOUS AGENCY LOCATIONS AS INDICATED BY ORDER		STATE OF WEST VIRGINIA VARIOUS LOCATIONS AS INDICATED BY ORDER	
No City US	WV	No City US	WV

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
1	Digital Copiers & Accessories (Purchased)	0.00000	LS		

Comm Code	Manufacturer	Specification	Model #
44101501			

Extended Description:

PURCHASED: Digital Copiers & Accessories

Note: Vendor shall complete each tab in the Exhibit_A Pricing Pages for bid pricing AND must attach with bid.

If vendor is submitting a bid online via wvOasis, Vendor should enter \$0.00 in the wvOasis commodity line and attach the Exhibit_A Pricing Pages to their bid.

See Section #6 BID SUBMISSION in the Instructions to Bidders document for additional information.

INVOICE TO		SHIP TO	
VARIOUS AGENCY LOCATIONS AS INDICATED BY ORDER		STATE OF WEST VIRGINIA VARIOUS LOCATIONS AS INDICATED BY ORDER	
No City US	WV	No City US	WV

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
3	Digital Copiers & Accessories (Leased)	0.00000	MO		

Comm Code	Manufacturer	Specification	Model #
44101501			

Extended Description:

LEASED: Digital Copiers & Accessories

Note: Vendor shall complete each tab in the Exhibit_A Pricing Pages for bid pricing AND must attach with bid.

If vendor is submitting a bid online via wvOasis, Vendor should enter \$0.00 in the wvOasis commodity line and attach the Exhibit_A Pricing Pages to their bid.

See Section #6 BID SUBMISSION in the Instructions to Bidders document for additional information.

INVOICE TO		SHIP TO	
VARIOUS AGENCY LOCATIONS AS INDICATED BY ORDER		STATE OF WEST VIRGINIA VARIOUS LOCATIONS AS INDICATED BY ORDER	
No City US	WV	No City US	WV

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
4	Per Click Charge (Inc. Maintenance & Consumables)	0.00000			

Comm Code	Manufacturer	Specification	Model #
44101501			

Extended Description:

Per Click Charge - MONOCHROME & COLOR (Includes Maintenance and Consumables)

Note: Vendor shall complete each tab in the Exhibit_A Pricing Pages for bid pricing AND must attach with bid.

If vendor is submitting a bid online via wvOasis, Vendor should enter \$0.00 in the wvOasis commodity line and attach the Exhibit_A Pricing Pages to their bid.

See Section #6 BID SUBMISSION in the Instructions to Bidders document for additional information.

SCHEDULE OF EVENTS

Line	Event	Event Date
1	Technical Questions due by 10:00am EST.	2022-01-05

SOLICITATION NUMBER: CRFQ 0212 SWC2200000008
Addendum Number: 1

The purpose of this addendum is to modify the solicitation identified as CRFQ 0212 SWC2200000008 (“Solicitation”) to reflect the change(s) identified and described below.

Applicable Addendum Category:

- Modify bid opening date and time
- Modify specifications of product or service being sought
- Attachment of vendor questions and responses
- Attachment of revised Exhibit_A Pricing Pages (01/05/2022)

Description of Modification to Solicitation:

- 1. To publish the State’s response to the questions submitted by Vendors during the Technical Questioning period.**
- 2. To publish the Exhibit_A Pricing Pages Revised 01/05/2022.**

No other changes made.

Additional Documentation: Documentation related to this Addendum (if any) has been included herewith as Attachment A and is specifically incorporated herein by reference.

Terms and Conditions:

1. All provisions of the Solicitation and other addenda not modified herein shall remain in full force and effect.
2. Vendor should acknowledge receipt of all addenda issued for this Solicitation by completing an Addendum Acknowledgment, a copy of which is included herewith. Failure to acknowledge addenda may result in bid disqualification. The addendum acknowledgement should be submitted with the bid to expedite document processing.

Question #1: 3.1.16 – Is the Cloud Printing meant to be a solution to provide Follow-Me printing to where you can access print jobs from any copier on the local network? Example-if a user sends a print job to a copier, but the copier is being used or is down, the user could go to a different copier in the office and retrieve the print job from the cloud print queue.

Response #1: Yes.

Question #2: 3.1.17.7 & 3.1.17.8 – It appears the 100 sheet stapling finishers were removed from the mandatory equipment options in the pricing pages. We understand that not all manufacturers make 100 sheet stapling finishers for all their models, but this is not an exclusive option to one manufacturer or vendor. Depending on the brand, at least 4 to 7 manufacturers can provide 100 sheet stapling finishers as per information from buyer lab. A qualifying manufacturer or vendor may or may not choose to bid on the contract for multiple reasons, but that should not justify removing finishers due to 1 or 2 vendors who cannot provide them or choose not to bid a model that does have the capability. Also, please note that in the previous contract, 100 sheet stapling finishers were an option for bands 4 & up in the color and monochrome bands. We have identified 250+ systems ordered with 100 sheet stapling finishers. If the 100 sheet finishers are not included in the base pricing options, then these agencies will not be able to order 100 sheet finishers potentially for the next 4 years, because if a vendor can't provide them in the optional catalog either. In addition, this will affect schools and municipalities from being able to procure them too through the statewide contract.

Response #2: The 100 sheet finishers will not be incorporated into the mandatory accessory list. Any vendor may list these finishers as an accessory if available.

Question #3: If a vendor chooses to offer optional catalog beyond the very basic mandatory options, then the vendor is automatically at a major disadvantage because it adds to the vendor's total evaluation. Example: a 50% discount and 0% lease rate factor for 36 mo (.0278) and 48 mo. (.0208), this would add over \$2,000,000 to the vendors total. So basically, this discourages any vendor from offering an optional accessory catalog so that it keeps line item 7 on the total evaluation at \$0.00 instead of 2+ Million and prevents agencies from options they may need.

Response #3: If the vendor with the lowest total cost opts not to provide a catalog, the other vendor's catalog costs will be removed for evaluation purposes against that vendor. Should the vendor opting not to provide a catalog remain the lowest bid after evaluation against other vendors with the catalog costs removed, that lowest bidder will be awarded the contract. If another vendor proves to be lower cost after removal of the catalog costs, the vendor that does not provide a catalog will be rejected, and all remaining bidders will be evaluated based on the full cost proposal.

Question #4: Single Discount Percentage – Not all accessories are the same discount from our manufacturers. This makes it very difficult to offer a single discount % for all additional accessories.

Response #4: The Single Discount Percentage will remain for all accessory items.

Question #5: 3.1.17.8.1.3 - Invoices for Purchased accessories off the Catalog must show the accessory MSRP, Discount Percentage, and final Discounted Price on the invoice provided to the agency. Providing this level of detail for each device is a considerable custom billing effort currently. The number of additional pages and possible confusion on what needs to be paid may be significant. Can we provide this level of detail for the PO at time of order and reference the PO on each invoice? In addition, all this information can also be provided in the State Approved Accessory Catalog for additional reference. We would be able to provide necessary information for any audit as required.

Response #5: Invoices are generated after a Delivery Order/PO is issued and items/services received. The specification will remain as written and the requirement for invoicing stands.

Question #6: 3.1.17.8.1.4 - Invoices for Leased accessories off the Catalog must show the accessory MSRP, Discount Percentage, the Discounted Price, the Term Lease Factor, the Lease Factor Price, the Monthly Cost (Lease Factor Cost divided by the Lease Term) provided to the agency. Providing this level of detail for each device is a considerable custom billing effort currently. The number of additional pages and possible confusion on what needs to be paid may be significant. Can we provide this level of detail for the PO at time of order and reference the PO on each invoice? In addition, all this information can also be provided in the State Approved Accessory Catalog for additional reference. We would be able to provide necessary information for any audit as required.

Response #6: See Response #5.

Question #7: Federal Funds – Changes to Specifications – State Level/County Level- If a vendor does not return a signed Federal Funds Addendum and receives an award, can they still sell to State Agencies not using Federal Funds and County Level or County Level Only? What is the expected spend of Federal Funds vs non-Federal Funds?

Response #7: The expected spend of federal funds is not known. Not signing the federal funds terms would make the contract holder ineligible to sell to state, county, or local entities that are using federal funds and are required to have the 2 CFR 200 requirements met. A second contract could be issued to cover the federal funds need.

Question #8: Federal Funds Exhibit A - 5.2.2. The Director may cancel a purchase or contract for any reason or no reason, upon providing the vendor with 30 days' notice of the cancellation. Please confirm this is only applicable as a remedy for a vendor default and that any leases or purchases are not subject to this if the vendor is not in default. Also is this only applicable for leases or purchases using Federal Funds?

Response #8: This clause mirrors the general terms and conditions and represents the 30-day cancellation for convenience mandated by the Code of State Rules and made applicable to all State contracts.

Question #9: General Terms and Conditions, 8. Insurance - The apparent successful Vendor shall also furnish proof of any additional insurance requirements contained in the specifications prior to Contract Award regardless of whether that insurance requirement is listed in this section". Are there any other additional insurance requirements that are listed? We are unsure which specifications are being referenced. If there are and there is a conflict, which language would take precedence over the other?

Response #9: The section referenced in your question specifically refers to the specifications which may or may not have insurance requirements listed. There should never be any conflict between the Terms and Condition requirements and the Specifications. In the event an error did occur, this would be subject to the Questioning period and clarification sought at that time. All insurance requirements are contained in the solicitation documents.

Question #10: Instructions to Vendors Submitting Bids 11. EXCEPTIONS AND CLARIFICATIONS - ...Vendor shall clearly mark any exceptions, clarifications, or other proposed modifications in its bid..... If we were to request proposed modifications to terms, how would the State like them presented via the electronic bid process?

Response #10: The Purchasing Division cannot tell any vendor how to prepare their bid offering or which submission method identified in Section 6 "Bid Submission" or any of the instructions/requirements in the solicitation documents to choose. Additionally, per Section 11 EXCEPTIONS AND CLARIFICATIONS, it is important to note that "any exceptions to, clarifications of, or modifications of a requirement or term and conditions of the Solicitation may result in bid disqualification". Also of note, Section 20 ACCEPTANCE/REJECTION: "The State may accept or reject any bid in whole, or in part in accordance with W.Va. of State Rules §148-1-4.5. and §148-1-6.4.b."

Question #11: Given the well-publicized, on-going worldwide supply chain issues that many news outlets are reporting are expected to continue through 2022, is the State intending to award a single vendor or multiple awards?

Response #11: Per Specification Section 4 CONTRACT AWARD, The State intends to award a single contract but reserves the right to multiple awards if found to be in the best interest of the State of West Virginia.

Question #12: How did the State determine the quantities of units and accessories for evaluation? Can more detail be provided? Is this representative of the needs of the State?

Response #12: Since the previous contract did not specify reporting requirements, the State does not have additional detailed information. The quantities are estimated usage for bid evaluation purpose only do not imply future usage or guarantee any quantities.

Question #13: Can the State update the Usage Report to include quarterly information for 2021?

Response #13: The State does not have any additional information on usage other than what is published in the RFQ.

Question #14: How did the State determine the click volume per unit for evaluation? Is this representative of the historical click volumes of the State? Can the State provide a more detailed breakdown by Band or unit?

Response #14: See Response #12 and Response#13.

Question #15: Section 3.1.17.8.1.2. The math described in this section is unclear and is inconsistent between the narrative, the example provided and the Pricing Pages calculation. The narrative arrives at a monthly lease cost while the example arrives at a total lease cost for the term. We suggest the following section be replaced with the following: "Agencies desiring to Lease an accessory from the vendors submitted catalog will be permitted to lease the accessory at the established lease payment (MSRP multiplied by the Discount Percentage then multiplied by the appropriate monthly lease factor." In addition, the description in cell K1 of the Price Pages should read "Discounted Price (MSRP * Discount %)."

Response #15: The Exhibit_A Pricing Pages have been revised (1/05/2022) to incorporate the single discount percentage and reflect the language in the specifications using the number of months for the lease. This will calculate to a total lease term cost.

Question #16: On the Pricing Pages, the Acc. Discount – Lease Factor tab, there appears to be an error in the Lease Term Extended Price calculations. This discount % has not been applied.

Response #16: See Response #15.

Question #17: On the Price Pages, the specifications requiring large capacity trays of 2,500 sheets for the monochrome and colored printers, Bands 4 and 5, are overly restrictive, causing an advantage to a specific vendor and limiting competition. Given the Purchasing Division's goals of ensuring fair and open competition and exercising prudent and fair spending practices, we respectfully ask that this specification be eliminated or revised to accommodate printers with minimum of 2,000 sheet paper capacity or eliminated from the Price Pages to be added to the Manufacturer Accessory Listing Catalog.

Response #17: The large capacity trays have been changed to minimum of 2,000 sheets.

Question #18: In the Manufacturer Accessory Listing Catalog, most manufacturers do publicly publish a listing of items that includes MSRP. This opens the door for manipulation of MSRP for the bid response and subsequent renewals. How does the State intend to validate the MSRP provided is accurate, specifically if a manufacturer is responding directly to this Request for Quotation?

Response #18: MSRP will be verified using publicly posted websites, printed publications, or other available means.

Question #19: Is property tax to be included in or excluded from the lease payment?

Response #19: Per Terms and Conditions section 16 TAXES: "The Vendor shall pay any applicable sales, use, personal property, or any other taxes arising out of this Contract and the transactions contemplated thereby. The State of West Virginia is exempt from federal and state taxes and will not pay or reimburse such taxes".

Question #20: On the Price Pages, Bands 2, 4, 5, 6 and 7 contain "Paper Feed Cabinet w/ 1x500 universal drawer" and "Paper Feed Cabinet w/ 2x500 universal drawer." Band 3 only contains "Paper Feed Cabinet w 1x500 universal drawer." Should it also contain the "Paper Feed Cabinet w/ 2x500 universal drawer"? This is for mono and color, purchase, 36-month lease and 48-month lease.

Response #20: The "Paper Feed Cabinet w 1x500 universal drawer" has been added to the revised pricing pages attached to this addendum.

Question #21: Regarding Optional Could Printing, in Section 3.1.16.1.1:

- a. Please give more details of “the network”. Is this a LAN? WAN? If it is a WAN, how are the LANs separated (Routers/Firewalls, VLANs, Subnetting/Supernetting)?

Response #21a: LAN

- b. What is the current print infrastructure? (Ex: Print servers, Peer to Peer printing, etc.)

Response #21b: Currently a single Linux virtual server, as the solution is not widely deployed.

- c. Are print servers in a single farm and/or a single subnet, or local by location and/or department – can you provide a diagram of the print infrastructure?

Response #21c: See Response 21b.

- d. Define “users” that are eligible to send print jobs.. (All users contained within current directory services. Ex: AD, AAD, Google Workspace, other LDAP)

Response #21d: All users in active directory.

- e. Are there “Non-registered users” not contained within the current directory services who will be expected to print and release the same as “Registered users”?

Response #21e: No, only those in Active Directory require printing.

Question #22: Regarding Optional Could Printing, in Section 3.1.16.1.2, Will the print release need to be available at ALL devices and ALL users throughout the ENTIRE network? Or securely released within the originating LAN?

Response #22: Securely released within the originating LAN.

Question #23: Regarding Optional Could Printing, in Section 3.1.16.1.3:

- a. Can you provide the specifics of the Proximity Cards, FOBs, etc. that are currently deployed (Type: Ex:HID, Frequency, etc.) Can a sample cards be provided?

Response #23a: See Specification 3.1.16.6

- b. Are current Proximity Cards, FOBs etc. currently deployed consistent across all departments and locations?

Response #23b: See Specification 3.1.16.6

Question #24: Regarding Optional Could Printing, in Section 3.1.16.1.4:

- a. Will 24x7 remote access be granted to servers and MFPs for maintenance and update purposes?

Response #24a: The WV Office of Technology will work with the Vendor to provide the appropriate access, as needed.

- b. Is the Security environment (firewalls, gateways, routers, software) consistent across all departments and/or locations?

Response #24b: No, equipment may vary by location.

Question #25: Regarding Optional Could Printing, in Section 3.1.16.1.5:

- a. Will Privacy and Security be handled by a single DLA representative, or will each department and/or location provide/require privacy and security controls?

Response #25a: Security and privacy requirements are outlined in the solicitation and any instances where data may have been compromised must be reported to both the WV Office of Technology and the location.

- b. If responsibility is distributed, will DLA be responsible for coordinating department/locations requirements?

Response #25b: See Response #25a.

Item No.	Order Type	Item Description	Brand Name of Item Bid	Model No. of Item Bid	Est. Quantity	Est. Quantity Unit of Measure	Unit Price	Total Purchase Price (includes annual estimated click charges)
1	Purchase	Monochrome						
		Band 1						
		COPIER			5	each (per year)	\$ -	\$ -
		Fax Kit			2	each (per year)	\$ -	\$ -
		Paper Feed Cabinet (500-sheet universal tray)			1	each	\$ -	\$ -
		Paper Feed Cabinet (2 x 500-sheet universal tray)			1	each	\$ -	\$ -
		Basic Stand			1	each	\$ -	\$ -
		Per Click Charge (includes maintenance and consumables)			500	per month	\$ -	\$ -
		Total for Band 1						\$ -

Item No.	Order Type	Item Description	Brand Name of Item Bid	Model No. of Item Bid	Est. Quantity	Est. Quantity Unit of Measure	Unit Price	Total Purchase Price (includes annual estimated click charges)
1	Purchase, Continued	Monochrome						
		Band 2						
		COPIER			5	each (per year)	\$ -	\$ -
		Fax Kit			2	each (per year)	\$ -	\$ -
		Inner Finisher w/stapling			1	each	\$ -	\$ -
		Floor Finisher w/stapling			1	each	\$ -	\$ -
		Punch kit for inner finisher			1	each	\$ -	\$ -
		Punch kit for floor finisher			1	each	\$ -	\$ -
		Job separator tray			1	each	\$ -	\$ -
		Paper Feed Cabinet w/ 1x500 universal drawer			1	each	\$ -	\$ -
		Paper Feed Cabinet w/ 2x500 universal drawer			1	each	\$ -	\$ -
		Paper Feed Cabinet w/large capacity tray 8 1/2 x 11			1	each	\$ -	\$ -
		Per Click Charge (includes maintenance and consumables)			2,200	per month	\$ -	\$ -
		Optional Cloud Printing Software			1	each	\$ -	\$ -
		Optional Card Reader			1	each	\$ -	\$ -
		Optional Cloud Printing Swipe Card			10	each	\$ -	\$ -
		Total for Band 2						\$ -

Item No.	Order Type	Item Description	Brand Name of Item Bid	Model No. of Item Bid	Est. Quantity	Est. Quantity Unit of Measure	Unit Price	Total Purchase Price (includes annual estimated click charges)
1	Purchase, Continued	Monochrome						
		Band 3						
		COPIER			5	each (per year)	\$ -	\$ -
		Fax Kit			2	each (per year)	\$ -	\$ -
		Inner Finisher w/stapling			1	each	\$ -	\$ -
		Floor Finisher w/stapling			1	each	\$ -	\$ -
		Floor Finisher w/stapling + Saddle Stitcher			1	each	\$ -	\$ -
		Punch kit for inner finisher			1	each	\$ -	\$ -
		Punch kit for floor finisher			1	each	\$ -	\$ -
		Job separator tray			1	each	\$ -	\$ -
		Paper Feed Cabinet w/ 1x500 universal drawer			1	each	\$ -	\$ -
		Paper Feed Cabinet w/ 2x500 universal drawer			1	each	\$ -	\$ -
		Paper Feed Cabinet w/large capacity tray 8 1/2 x 11			1	each	\$ -	\$ -
		Large Capacity trays 2 each			1	each	\$ -	\$ -
		Keyboard			1	each	\$ -	\$ -
		Basic Stand			1	each	\$ -	\$ -
		Per Click Charge (includes maintenance and consumables)			4,500	per month	\$ -	\$ -
		Optional Cloud Printing Software			1	each	\$ -	\$ -
		Optional Card Reader			1	each	\$ -	\$ -
		Optional Cloud Printing Swipe Card			10	each	\$ -	\$ -
		Total for Band 3						\$ -

Item No.	Order Type	Item Description	Brand Name of Item Bid	Model No. of Item Bid	Est. Quantity	Est. Quantity Unit of Measure	Unit Price	Total Purchase Price (includes annual estimated click charges)
1	Purchase, Continued	Monochrome						
		Band 4						
		COPIER			15	each (per year)	\$ -	\$ -
		Fax Kit			4	each (per year)	\$ -	\$ -
		Finisher w/50-sheet stapling			1	each	\$ -	\$ -
		Finisher w/50-sheet stapling + booklet finisher			1	each	\$ -	\$ -
		Punch kit for floor finisher			1	each	\$ -	\$ -
		Job separator tray			1	each	\$ -	\$ -
		Paper Feed Cabinet w/ 1x500 universal drawer			1	each	\$ -	\$ -
		Paper Feed Cabinet w/ 2x500 universal drawer			1	each	\$ -	\$ -
		Paper Feed Cabinet w/large capacity tray 8 1/2 x 11			1	each	\$ -	\$ -
		Large Capacity Tray 2000 sheets minimum			1	each	\$ -	\$ -
		Large Capacity Trays 2 each			1	each	\$ -	\$ -
		Keyboard			1	each	\$ -	\$ -
		Basic Stand			1	each	\$ -	\$ -
		Per Click Charge (includes maintenance and consumables)			7,000	per month	\$ -	\$ -
		Optional Cloud Printing Software			1	each	\$ -	\$ -
		Optional Card Reader			1	each	\$ -	\$ -
		Optional Cloud Printing Swipe Card			10	each	\$ -	\$ -
		Total for Band 4						\$ -

Item No.	Order Type	Item Description	Brand Name of Item Bid	Model No. of Item Bid	Est. Quantity	Est. Quantity Unit of Measure	Unit Price	Total Purchase Price (includes annual estimated click charges)
1	Purchase, Continued	Monochrome						
		Band 5						
		COPIER			5	each (per year)	\$ -	\$ -
		Fax Kit			2	each (per year)	\$ -	\$ -
		Finisher w/50-sheet stapling			1	each	\$ -	\$ -
		Finisher w/50-sheet stapling + booklet finisher			1	each	\$ -	\$ -
		Punch kit for floor finisher			1	each	\$ -	\$ -
		Job separator tray			1	each	\$ -	\$ -
		Paper Feed Cabinet w/ 1x500 universal drawer			1	each	\$ -	\$ -
		Paper Feed Cabinet w/ 2x500 universal drawer			1	each	\$ -	\$ -
		Paper Feed Cabinet w/large capacity tray 8 1/2 x 11			1	each	\$ -	\$ -
		Large Capacity Tray 2000 sheets minimum			1	each	\$ -	\$ -
		Large Capacity Trays 2 each			1	each	\$ -	\$ -
		Keyboard			1	each	\$ -	\$ -
		Basic Stand			1	each	\$ -	\$ -
		Per Click Charge (includes maintenance and consumables)			12,000	per month	\$ -	\$ -
		Optional Cloud Printing Software			1	each	\$ -	\$ -
		Optional Card Reader			1	each	\$ -	\$ -
		Optional Cloud Printing Swipe Card			10	each	\$ -	\$ -
		Total for Band 5						\$ -

Item No.	Order Type	Item Description	Brand Name of Item Bid	Model No. of Item Bid	Est. Quantity	Est. Quantity Unit of Measure	Unit Price	Total Purchase Price (includes annual estimated click charges)
1	Purchase, Continued	Monochrome						
		Band 6						
		COPIER			5	each (per year)	\$ -	\$ -
		Fax Kit			2	each (per year)	\$ -	\$ -
		Output Tray			1	each	\$ -	\$ -
		Finisher w/50-sheet stapling			1	each	\$ -	\$ -
		Finisher w/50-sheet stapling + booklet finisher			1	each	\$ -	\$ -
		Punch kit for floor finisher			1	each	\$ -	\$ -
		Job separator tray			1	each	\$ -	\$ -
		Paper Feed Cabinet w/ 1x500 universal drawer			1	each	\$ -	\$ -
		Paper Feed Cabinet w/ 2x500 universal drawer			1	each	\$ -	\$ -
		Paper Feed Cabinet w/large capacity tray 8 1/2 x 11			1	each	\$ -	\$ -
		Large Capacity Tray 2000 sheets minimum			1	each	\$ -	\$ -
		Large Capacity Trays 2 each			1	each	\$ -	\$ -
		Keyboard			1	each	\$ -	\$ -
		Basic Stand			1	each	\$ -	\$ -
		Per Click Charge (includes maintenance and consumables)			18,000	per month	\$ -	\$ -
		Optional Cloud Printing Software			1	each	\$ -	\$ -
		Optional Card Reader			1	each	\$ -	\$ -
		Optional Cloud Printing Swipe Card			10	each	\$ -	\$ -
		Total for Band 6						\$ -

Item No.	Order Type	Item Description	Brand Name of Item Bid	Model No. of Item Bid	Est. Quantity	Est. Quantity Unit of Measure	Unit Price	Total Purchase Price (includes annual estimated click charges)
1	Purchase, Continued	Monochrome						
		Band 7						
		COPIER			5	each (per year)	\$ -	\$ -
		Fax Kit			2	each (per year)	\$ -	\$ -
		Output Tray			1	each	\$ -	\$ -
		Finisher w/50-sheet stapling			1	each	\$ -	\$ -
		Finisher w/50-sheet stapling + booklet finisher			1	each	\$ -	\$ -
		Punch kit for floor finisher			1	each	\$ -	\$ -
		Job separator tray			1	each	\$ -	\$ -
		Paper Feed Cabinet w/ 1x500 universal drawer			1	each	\$ -	\$ -
		Paper Feed Cabinet w/ 2x500 universal drawer			1	each	\$ -	\$ -
		Paper Feed Cabinet w/large capacity tray 8 1/2 x 11			1	each	\$ -	\$ -
		Large Capacity Tray 2000 sheets minimum			1	each	\$ -	\$ -
		Large Capacity Trays 2 each			1	each	\$ -	\$ -
		Keyboard			1	each	\$ -	\$ -
		Basic Stand			1	each	\$ -	\$ -
		Per Click Charge (includes maintenance and consumables)			25,000	per month	\$ -	\$ -
		Optional Cloud Printing Software			1	each	\$ -	\$ -
		Optional Card Reader			1	each	\$ -	\$ -
		Optional Cloud Printing Swipe Card			10	each	\$ -	\$ -
		Total for Band 7						\$ -
Total Purchase Price of Monochrome Bands 1 through 7								\$ -

Item No.	Order Type	Item Description	Brand Name of Item Bid	Model No. of Item Bid	Est. Quantity	Est. Quantity Unit of Measure	Unit Price	Total Purchase Price (includes annual estimated click charges)
2	Purchase	Color						
		Band 1						
		COPIER			10	each (per year)	\$ -	\$ -
		Fax Kit			4	each (per year)	\$ -	\$ -
		Paper Feed Cabinet (500-sheet universal tray)			1	each	\$ -	\$ -
		Paper Feed Cabinet (2 x 500-sheet universal tray)			1	each	\$ -	\$ -
		Basic Stand			1	each	\$ -	\$ -
		Per Click Charge (Color) (includes maintenance and consumables)			200	per month	\$ -	\$ -
		Per Click Charge (Monochrome) (includes maintenance and consumables)			500	per month	\$ -	\$ -
		Total for Band 1						\$ -

Item No.	Order Type	Item Description	Brand Name of Item Bid	Model No. of Item Bid	Est. Quantity	Est. Quantity Unit of Measure	Unit Price	Total Purchase Price (includes annual estimated click charges)
2	Purchase, Continued	Color						
		Band 2						
		COPIER			5	each (per year)	\$ -	\$ -
		Fax Kit			2	each (per year)	\$ -	\$ -
		Inner Finisher w/stapling			1	each	\$ -	\$ -
		Floor Finisher w/stapling			1	each	\$ -	\$ -
		Punch kit for inner finisher			1	each	\$ -	\$ -
		Punch kit for floor finisher			1	each	\$ -	\$ -
		Job separator tray			1	each	\$ -	\$ -
		Paper Feed Cabinet w/ 1x500 universal drawer			1	each	\$ -	\$ -
		Paper Feed Cabinet w/ 2x500 universal drawer			1	each	\$ -	\$ -
		Paper Feed Cabinet w/large capacity tray 8 1/2 x 11			1	each	\$ -	\$ -
		Per Click Charge (Color) (includes maintenance and consumables)			1,000	per month	\$ -	\$ -
		Per Click Charge (Monochrome) (includes maintenance and consumables)			2,200	per month	\$ -	\$ -
		Optional Cloud Printing Software			1	each	\$ -	\$ -
		Optional Card Reader			1	each	\$ -	\$ -
		Optional Cloud Printing Swipe Card			10	each	\$ -	\$ -
		Total for Band 2						\$ -

Item No.	Order Type	Item Description	Brand Name of Item Bid	Model No. of Item Bid	Est. Quantity	Est. Quantity Unit of Measure	Unit Price	Total Purchase Price (includes annual estimated click charges)
2	Purchase, Continued	Color						
		Band 3						
		COPIER			5	each (per year)	\$ -	\$ -
		Fax Kit			2	each (per year)	\$ -	\$ -
		Inner Finisher w/stapling			1	each	\$ -	\$ -
		Floor Finisher w/stapling			1	each	\$ -	\$ -
		Floor Finisher w/stapling + Saddle Stitcher			1	each	\$ -	\$ -
		Punch kit for inner finisher			1	each	\$ -	\$ -
		Punch kit for floor finisher			1	each	\$ -	\$ -
		Job separator tray			1	each	\$ -	\$ -
		Paper Feed Cabinet w/ 1x500 universal drawer			1	each	\$ -	\$ -
		Paper Feed Cabinet w/ 2x500 universal drawer			1	each	\$ -	\$ -
		Paper Feed Cabinet w/large capacity tray 8 1/2 x 11			1	each	\$ -	\$ -
		Large Capacity trays 2 each			1	each	\$ -	\$ -
		Keyboard			1	each	\$ -	\$ -
		Basic Stand			1	each	\$ -	\$ -
		Per Click Charge (Color) (includes maintenance and consumables)			1,000	per month	\$ -	\$ -
		Per Click Charge (Monochrome) (includes maintenance and consumables)			4,500	per month	\$ -	\$ -
		Optional Cloud Printing Software			1	each	\$ -	\$ -
		Optional Card Reader			1	each	\$ -	\$ -
		Optional Cloud Printing Swipe Card			10	each	\$ -	\$ -
		Total for Band 3						\$ -

Item No.	Order Type	Item Description	Brand Name of Item Bid	Model No. of Item Bid	Est. Quantity	Est. Quantity Unit of Measure	Unit Price	Total Purchase Price (includes annual estimated click charges)
2	Purchase, Continued	Color						
		Band 4						
		COPIER			20	each (per year)	\$ -	\$ -
		Fax Kit			5	each (per year)	\$ -	\$ -
		Finisher w/50-sheet stapling			1	each	\$ -	\$ -
		Finisher w/50-sheet stapling + booklet finisher			1	each	\$ -	\$ -
		Punch kit for floor finisher			1	each	\$ -	\$ -
		Job separator tray			1	each	\$ -	\$ -
		Paper Feed Cabinet w/ 1x500 universal drawer			1	each	\$ -	\$ -
		Paper Feed Cabinet w/ 2x500 universal drawer			1	each	\$ -	\$ -
		Paper Feed Cabinet w/large capacity tray 8 1/2 x 11			1	each	\$ -	\$ -
		Large Capacity Tray 2000 sheets minimum			1	each	\$ -	\$ -
		Large Capacity Trays 2 each			1	each	\$ -	\$ -
		Keyboard			1	each	\$ -	\$ -
		Basic Stand			1	each	\$ -	\$ -
		Per Click Charge (Color) (includes maintenance and consumables)			3,000	per month	\$ -	\$ -
		Per Click Charge (Monochrome) (includes maintenance and consumables)			7,000	per month	\$ -	\$ -
		Optional Cloud Printing Software			1	each	\$ -	\$ -
		Optional Card Reader			1	each	\$ -	\$ -
		Optional Cloud Printing Swipe Card			10	each	\$ -	\$ -
		Total for Band 4						\$ -

Item No.	Order Type	Item Description	Brand Name of Item Bid	Model No. of Item Bid	Est. Quantity	Est. Quantity Unit of Measure	Unit Price	Total Purchase Price (includes annual estimated click charges)
2	Purchase, Continued	Color						
		Band 5						
		COPIER			15	each (per year)	\$ -	\$ -
		Fax Kit			4	each (per year)	\$ -	\$ -
		Finisher w/50-sheet stapling			1	each	\$ -	\$ -
		Finisher w/50-sheet stapling + booklet finisher			1	each	\$ -	\$ -
		Punch kit for floor finisher			1	each	\$ -	\$ -
		Job separator tray			1	each	\$ -	\$ -
		Paper Feed Cabinet w/ 1x500 universal drawer			1	each	\$ -	\$ -
		Paper Feed Cabinet w/ 2x500 universal drawer			1	each	\$ -	\$ -
		Paper Feed Cabinet w/large capacity tray 8 1/2 x 11			1	each	\$ -	\$ -
		Large Capacity Tray 2000 sheets minimum			1	each	\$ -	\$ -
		Large Capacity Trays 2 each			1	each	\$ -	\$ -
		Keyboard			1	each	\$ -	\$ -
		Basic Stand			1	each	\$ -	\$ -
		Per Click Charge (Color) (includes maintenance and consumables)			5,000	per month	\$ -	\$ -
		Per Click Charge (Monochrome) (includes maintenance and consumables)			12,000	per month	\$ -	\$ -
		Optional Cloud Printing Software			1	each	\$ -	\$ -
		Optional Card Reader			1	each	\$ -	\$ -
		Optional Cloud Printing Swipe Card			10	each	\$ -	\$ -
		Total for Band 5						\$ -

Item No.	Order Type	Item Description	Brand Name of Item Bid	Model No. of Item Bid	Est. Quantity	Est. Quantity Unit of Measure	Unit Price	Total Purchase Price (includes annual estimated click charges)
2	Purchase, Continued	Color						
		Band 6						
		COPIER			10	each (per year)	\$ -	\$ -
		Fax Kit			3	each (per year)	\$ -	\$ -
		Output Tray			1	each	\$ -	\$ -
		Finisher w/50-sheet stapling			1	each	\$ -	\$ -
		Finisher w/50-sheet stapling + booklet finisher			1	each	\$ -	\$ -
		Punch kit for floor finisher			1	each	\$ -	\$ -
		Job separator tray			1	each	\$ -	\$ -
		Paper Feed Cabinet w/ 1x500 universal drawer			1	each	\$ -	\$ -
		Paper Feed Cabinet w/ 2x500 universal drawer			1	each	\$ -	\$ -
		Paper Feed Cabinet w/large capacity tray 8 1/2 x 11			1	each	\$ -	\$ -
		Large Capacity Tray 2000 sheets minimum			1	each	\$ -	\$ -
		Large Capacity Trays 2 each			1	each	\$ -	\$ -
		Keyboard			1	each	\$ -	\$ -
		Basic Stand			1	each	\$ -	\$ -
		Per Click Charge (Color) (includes maintenance and consumables)			5,000	per month	\$ -	\$ -
		Per Click Charge (Monochrome) (includes maintenance and consumables)			18,000	per month	\$ -	\$ -
		Optional Cloud Printing Software			1	each	\$ -	\$ -
		Optional Card Reader			1	each	\$ -	\$ -
		Optional Cloud Printing Swipe Card			10	each	\$ -	\$ -
		Total for Band 6						\$ -

Item No.	Order Type	Description	Brand Name	Model No.	Est. Quantity	Est. Quantity Unit of Measure	Unit Price Per Month	Total Price Per Month	No. of Months	Total Lease Term Cost
3	36 Month Lease, Continued	Monochrome								
		Band 7								
		COPIER			5	each (per year)	\$ -	\$ -	36	\$ -
		Fax Kit			2	each (per year)	\$ -	\$ -	36	\$ -
		Output Tray			1	each	\$ -	\$ -	36	\$ -
		Finisher w/50-sheet stapling			1	each	\$ -	\$ -	36	\$ -
		Finisher w/50-sheet stapling + booklet finisher			1	each	\$ -	\$ -	36	\$ -
		Punch kit for floor finisher			1	each	\$ -	\$ -	36	\$ -
		Job separator tray			1	each	\$ -	\$ -	36	\$ -
		Paper Feed Cabinet w/ 1x500 universal drawer			1	each	\$ -	\$ -	36	\$ -
		Paper Feed Cabinet w/ 2x500 universal drawer			1	each	\$ -	\$ -	36	\$ -
		Paper Feed Cabinet w/large capacity tray 8 1/2 x 11			1	each	\$ -	\$ -	36	\$ -
		Large Capacity Tray 2000 sheets minimum			1	each	\$ -	\$ -	36	\$ -
		Large Capacity Trays 2 each			1	each	\$ -	\$ -	36	\$ -
		Keyboard			1	each	\$ -	\$ -	36	\$ -
		Basic Stand			1	each	\$ -	\$ -	36	\$ -
		Per Click Charge (includes maintenance and consumables)			25,000	per month	\$ -	\$ -	36	\$ -
		Optional Cloud Printing Software			1	each	\$ -	\$ -	36	\$ -
		Optional Card Reader			1	each	\$ -	\$ -	36	\$ -
		Optional Cloud Printing Swipe Card			10	each	\$ -	\$ -	36	\$ -
		Total for Band 7								\$ -
Overall Total Monthly Lease Price of Monochrome Bands 1 through 7 for 36 Month Lease										\$ -

Item No.	Order Type	Item Description	Brand Name	Model No.	Est. Quantity	Est. Quantity Unit of Measure	Unit Price Per Month	Total Price Per Month	No. of Months	Total Lease Term Cost
4	36 Month Lease, Continued	Color								
		Band 7								
		COPIER			15	each (per year)	\$ -	\$ -	36	\$ -
		Fax Kit			4	each (per year)	\$ -	\$ -	36	\$ -
		Output Tray			1	each	\$ -	\$ -	36	\$ -
		Finisher w/50-sheet stapling			1	each	\$ -	\$ -	36	\$ -
		Finisher w/50-sheet stapling + booklet finisher			1	each	\$ -	\$ -	36	\$ -
		Punch kit for floor finisher			1	each	\$ -	\$ -	36	\$ -
		Job separator tray			1	each	\$ -	\$ -	36	\$ -
		Paper Feed Cabinet w/ 1x500 universal drawer			1	each	\$ -	\$ -	36	\$ -
		Paper Feed Cabinet w/ 2x500 universal drawer			1	each	\$ -	\$ -	36	\$ -
		Paper Feed Cabinet w/large capacity tray 8 1/2 x 11			1	each	\$ -	\$ -	36	\$ -
		Large Capacity Tray 2000 sheets minimum			1	each	\$ -	\$ -	36	\$ -
		Large Capacity Trays 2 each			1	each	\$ -	\$ -	36	\$ -
		Keyboard			1	each	\$ -	\$ -	36	\$ -
		Basic Stand			1	each	\$ -	\$ -	36	\$ -
		Per Click Charge (Color) (includes maintenance and consumables)			10,000	per month	\$ -	\$ -	36	\$ -
		Per Click Charge (Monochrome) (includes maintenance and consumables)			25,000	per month	\$ -	\$ -	36	\$ -
		Optional Cloud Printing Software			1	each	\$ -	\$ -	36	\$ -
		Optional Card Reader			1	each	\$ -	\$ -	36	\$ -
		Optional Cloud Printing Swipe Card			10	each	\$ -	\$ -	36	\$ -
		Total for Band 7								\$ -
		Total Monthly Lease Price of Color Bands 1 through 7 for 36 Month Lease								\$ -

Item No.	Order Type	Description	Brand Name	Model No.	Est. Quantity	Est. Quantity Unit of Measure	Unit Price Per Month	Total Price Per Month	No. of Months	Total Lease Term Cost
5	48 Month Lease, Continued	Monochrome								
		Band 7								
		COPIER			20	each (per year)	\$ -	\$ -	48	\$ -
		Fax Kit			5	each (per year)	\$ -	\$ -	48	\$ -
		Output Tray			1	each	\$ -	\$ -	48	\$ -
		Finisher w/50-sheet stapling			1	each	\$ -	\$ -	48	\$ -
		Finisher w/50-sheet stapling + booklet finisher			1	each	\$ -	\$ -	48	\$ -
		Punch kit for floor finisher			1	each	\$ -	\$ -	48	\$ -
		Job separator tray			1	each	\$ -	\$ -	48	\$ -
		Paper Feed Cabinet w/ 1x500 universal drawer			1	each	\$ -	\$ -	48	\$ -
		Paper Feed Cabinet w/ 2x500 universal drawer			1	each	\$ -	\$ -	48	\$ -
		Paper Feed Cabinet w/large capacity tray 8 1/2 x 11			1	each	\$ -	\$ -	48	\$ -
		Large Capacity Tray 2000 sheets minimum			1	each	\$ -	\$ -	48	\$ -
		Large Capacity Trays 2 each			1	each	\$ -	\$ -	48	\$ -
		Keyboard			1	each	\$ -	\$ -	48	\$ -
		Basic Stand			1	each	\$ -	\$ -	48	\$ -
		Per Click Charge (includes maintenance and consumables)			25,000	per month	\$ -	\$ -	48	\$ -
		Optional Cloud Printing Software			1	each	\$ -	\$ -	48	\$ -
		Optional Card Reader			1	each	\$ -	\$ -	48	\$ -
		Optional Cloud Printing Swipe Card			10	each	\$ -	\$ -	48	\$ -
		Total for Band 7								\$ -
Overall Total Monthly Lease Price of Monochrome Bands 1 through 7 for 48 Month Lease										\$ -

Item No.	Order Type	Item Description	Brand Name	Model No.	Est. Quantity	Est. Quantity Unit of Measure	Unit Price Per Month	Total Price Per Month	No. of Months	Total Lease Term Cost
6	48 Month Lease, Continued	Color								
		Band 7								
		COPIER			65	each (per year)	\$ -	\$ -	48	\$ -
		Fax Kit			16	each (per year)	\$ -	\$ -	48	\$ -
		Output Tray			1	each	\$ -	\$ -	48	\$ -
		Finisher w/50-sheet stapling			1	each	\$ -	\$ -	48	\$ -
		Finisher w/50-sheet stapling + booklet finisher			1	each	\$ -	\$ -	48	\$ -
		Punch kit for floor finisher			1	each	\$ -	\$ -	48	\$ -
		Job separator tray			1	each	\$ -	\$ -	48	\$ -
		Paper Feed Cabinet w/ 1x500 universal drawer			1	each	\$ -	\$ -	48	\$ -
		Paper Feed Cabinet w/ 2x500 universal drawer			1	each	\$ -	\$ -	48	\$ -
		Paper Feed Cabinet w/large capacity tray 8 1/2 x 11			1	each	\$ -	\$ -	48	\$ -
		Large Capacity Tray 2000 sheets minimum			1	each	\$ -	\$ -	48	\$ -
		Large Capacity Trays 2 each			1	each	\$ -	\$ -	48	\$ -
		Keyboard			1	each	\$ -	\$ -	48	\$ -
		Basic Stand			1	each	\$ -	\$ -	48	\$ -
		Per Click Charge (Color) (includes maintenance and consumables)			10,000	per month	\$ -	\$ -	48	\$ -
		Per Click Charge (Monochrome) (includes maintenance and consumables)			25,000	per month	\$ -	\$ -	48	\$ -
		Optional Cloud Printing Software			1	each	\$ -	\$ -	48	\$ -
		Optional Card Reader			1	each	\$ -	\$ -	48	\$ -
		Optional Cloud Printing Swipe Card			10	each	\$ -	\$ -	48	\$ -
		Total for Band 7								\$ -
Total Monthly Lease Price of Color Bands 1 through 7 for 48 Month Lease										\$ -

Total Price for All Items		
Item 1	Overall Total Purchase Price of Monochrome Bands 1 - 7	\$ -
Item 2	Overall Total Purchase Price of Color Bands 1 - 7	\$ -
Item 3	Overall Total Monthly Lease Price of Monochrome Bands 1 - 7 for 36 Month Lease	\$ -
Item 4	Overall Total Monthly Lease Price of Color Bands 1 - 7 for 36 Month Lease	\$ -
Item 5	Overall Total Monthly Lease Price of Monochrome Bands 1 - 7 for 48 Month Lease	\$ -
Item 6	Overall Total Monthly Lease Price of Color Bands 1 - 7 for 48 Month Lease	\$ -
Item 7	Additional Accessory MSRP List Price Single Discount Percentage Cost & Lease Factor Cost	\$ 1,500,000.00
Overall Total Bid Price for All Items		\$ 1,500,000.00

<u>Vendor Information:</u>	
Company Name:	
Contact Name:	
Phone No.:	
Fax No.:	
Email:	
Authorized Signature:	

ADDENDUM ACKNOWLEDGEMENT FORM
SOLICITATION NO.: CRFQ 0212 SWC2200000008

Instructions: Please acknowledge receipt of all addenda issued with this solicitation by completing this addendum acknowledgment form. Check the box next to each addendum received and sign below. Failure to acknowledge addenda may result in bid disqualification.

Acknowledgment: I hereby acknowledge receipt of the following addenda and have made the necessary revisions to my proposal, plans and/or specification, etc.

Addendum Numbers Received:

(Check the box next to each addendum received)

- | | |
|--|--|
| <input checked="" type="checkbox"/> Addendum No. 1 | <input type="checkbox"/> Addendum No. 6 |
| <input type="checkbox"/> Addendum No. 2 | <input type="checkbox"/> Addendum No. 7 |
| <input type="checkbox"/> Addendum No. 3 | <input type="checkbox"/> Addendum No. 8 |
| <input type="checkbox"/> Addendum No. 4 | <input type="checkbox"/> Addendum No. 9 |
| <input type="checkbox"/> Addendum No. 5 | <input type="checkbox"/> Addendum No. 10 |

I understand that failure to confirm the receipt of addenda may be cause for rejection of this bid. I further understand that that any verbal representation made or assumed to be made during any oral discussion held between Vendor's representatives and any state personnel is not binding. Only the information issued in writing and added to the specifications by an official addendum is binding.

Sharp Electronics Corporation

Company

Mto Manuic

Authorized Signature

1/12/22

Date

NOTE: This addendum acknowledgment should be submitted with the bid to expedite document processing.



SHARP AUTHORIZED WEST VIRGINIA DEALERS

NAME	ADDRESS	CITY	STATE	ZIP	PHONE	COUNTY COVERAGE
CENTRAL BUSINESS SYSTEMS, INC.	3138 CUSTER DR, SUITE 210	LEXINGTON	KY	40517	859-276-1690	Barbour, Boone, Brxton, Cabell, Calhoun, Clay, Doddridge, Fayette, Gilmer, Grant, Greenbrier, Hampshire, Hardy, Harrison, Jackson, Kanawha, Lewis, Lincoln, Logan, Marion, Mason, McDowell, Mercer, Mineral, Mingo, Monongalia, Monroe, Nicholas, Pendeleton, Pleasants, Pocahontas, Preston, Putnam, Raleigh, Randolph, Ritchie, Roane, Summers, Taylor, Tucker, Upshur, Wayne, Webster, Wetzell, Wirt, Wood
CENTRIC BUSINESS SYSTEMS, INC.	10702 RED RUN BLVD	OWINGS MILLS	MD	21117	410-902-3300	Berkeley, Jefferson
COMPTON OFFICE MACHINE CO	1829 BIGLEY AVENUE	CHARLESTON	WV	25302	800-230-4329	Boone, Braxton, Cabell, Clay, Fayette, Gilmer, Grant
COMPTON OFFICE MACHINE CO	422 NINTH STREET, SUITE 101	HUNTINGTON	WV	25701	800-230-4329	Hardy, Harrison, Jackson, Kanawha, Lewis, Lincoln, Logan, Marion, Mason, McDowell, Mercer, Mingo, Monongalia, Monroe, Nicholas, Pendleton, Pocahontas, Preston, Putnam, Raleigh, Randolph, Roane, Summers, Taylor, Tucker, Upshur, Wayne, Webster, Wyoming
COMPTON OFFICE MACHINE CO	267 DAWKINS DRIVE, SUITE B	LEWISBURG	WV	24901	304-645-7428	Greenbrier
COMPTON OFFICE MACHINES	1038 N EISENHOWER DR	BECKLEY	WV	25801	800-230-4329	Raleigh
DOING BETTER BUSINESS, INC	2735 RAILROAD STREET	PITTSBURGH	PA	15222	301-797-1399	Berkeley, Grant, Hampshire, Hardy, Jefferson
DONNELLEN MCCARTHY ENTERPRISES	610 GREEN ST	PARKERSBURG	WV	26101	513-769-7800	Wood
DONNELLON MCCARTHY ENTERPRISES	10855 MEDALLION DR	CINCINNATI	OH	45241	513-769-7800	Calhoun, Doddridge, Jackson, Pleasants, Ritchie, Wirt, Wood
MARCO INC	501 FULLING MILL RD	MIDDLETOWN	PA	17057	717-944-0400	Berkeley, Jefferson, Morgan
MOS OFFICE SYSTEMS	3153 BELMONT STREET	BELLAIRE	OH	43906	740-676-2943	Brooke, Hancock, Marshall, Ohio
QUEEN CITY BUSINESS SYSTEMS	505 NATIONAL HWY	LA VALE	MD	21502	301-759-4700	Grant, Hampshire, Hardy, Harrison, Marion, Mineral, Preston, Randolph, Taylor, Tucker, Upshur
RELIABLE OFFICE TECHNOLOGIES CORP	211 SOUTH JEFFERSON ST	FREDERICK	MD	21701	800-564-0989	Berkeley, Jefferson, Morgan
VALLEY BUSINESS SYSTEMS	610 GLENMORE LOOP ROAD	ELKINS	WV	26241	304-636-0504	Barbour, Gilmer, Grant, Hardy, Lewis, Randolph, Taylor, Tucker, Upshur

January 12, 2022

Mark Atkins
State of West Virginia
Department of Administration, Purchasing Division
2019 Washington Street East
Charleston, WV 25305-0130

Re: CCRFQ 0212 SWC2200000008 (DIGCOP22) Digital Copiers

Dear Mr. Atkins,

Sharp Electronics is pleased to respond to the Statewide Contract for DIGITAL COPIERS & Accessories Request for Proposal CRFQ-0212-SWC2200000008 for Printing Devices and Digital Copiers throughout the State of West Virginia. Sharp will provide new state of the art digital products (not having been previously used, and actively marketed by our dealers).

Sharp Electronics Corporation is proposing a solution to provide a contract that offers a variety of printing devices for purchase or lease, as well as accessories and maintenance. Sharp Electronics is offering a statewide agreement for this solution that can be utilized by all public bodies in the State of West Virginia.

Sharp realizes the need for products to meet the requirements in the areas of technology, service, and the overall mission of West Virginia to its end users. Sharp is proposing a wide spectrum of products to assist end users in their everyday office environment while providing a cost-effective solution.

The individual authorized to negotiate on behalf of Sharp Electronics Corporation is Mike Marusic, President of SIICA, email: marusicm@sharpsec.com, phone: (201) 529-8769. For questions or clarifications to our proposal, please don't hesitate to contact me as the Account Manager for this proposal.

Christine Bush
Government Account Manager
Cell: (804) 519-3703
Email: bushc@sharpsec.com

As a long time provider of office technology to government entities, Sharp looks forward to the opportunity to a relationship with the State of West Virginia.

Sincerely,

Christine Bush
Government Account Manager
Sharp Electronics Corporation

SHARP®

DESKTOP MONOCHROME DOCUMENT SYSTEMS



MX-B427W

Sharp desktop monochrome document systems deliver leading-edge integration and powerful productivity, all in a small compact design.

A HIGHER BENCHMARK OF INNOVATION

performance

The MX-B427W desktop monochrome document system delivers crisp, high-quality output with exceptional ease of use. This model provides customers with an intuitive user experience and the confidence of knowing their jobs will come out right the first time, every time. Designed with robust technology and energy efficient features, the compact MX-B427W delivers the productivity you need with the performance and reliability you want in your workplace or home office.

Key Features

- **Ease of Use** – 2.8" (diagonal) touchscreen display with user-friendly graphical interface provides quick access to a user guide, copy and scan settings and more.
- **Productivity** – Out-of-the-box copy, print, scan and fax capabilities and standard wireless connectivity enables users to easily manage their workflow from PCs, smartphones and tablets.
- **Workplace Friendly** – Integrates seamlessly with today's complex network environments and mobile technologies. Sharp utilizes system updates to provide feature enhancements and to ensure your machine remains compatible with current technology.

The compact MX-B427W desktop monochrome document system offers powerful productivity features enabling users to quickly execute workflow tasks, whether in the office, or working from home.



DESIGNED TO DELIVER CONVENIENCE



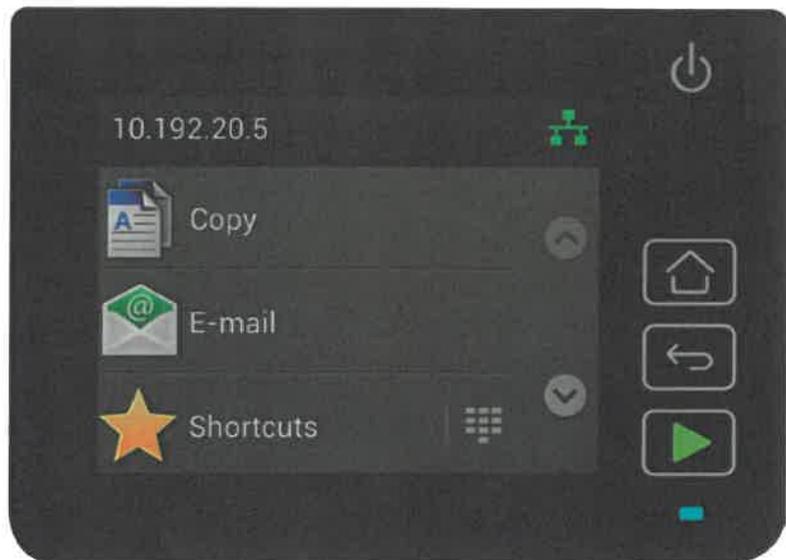
INTUITIVE INTERFACE

STANDARD WIRELESS NETWORKING

VERSATILE DESIGN

A reliable document system that meets tomorrow's business needs today.

- Standard **copy, print, scan** and **fax** capability right out-of-the-box.
- Productive printing speeds of up to **42 pages per minute**.
- **50-sheet** duplexing document feeder **scans at speeds up to 96 images per minute**.
- Supports **letter, statement and legal size paper** through the standard paper drawer or bypass tray.
- Offers up to **3 paper sources** with available 900-sheet maximum paper capacity.
- **600 x 600 dpi** printing delivers clear, crisp images and text page after page.
- **2.8" (diagonal) color touchscreen** display with user-friendly graphical interface.



- **Compact design** easily fits into small offices or home workspaces in desktop or console configurations.
- Convenient front-facing **USB port** for **easy direct printing** of PDF files from a USB drive without having to access a PC.
- Easily **copy** both sides of **ID, business or credit cards** onto one single page.
- **Supports popular mobile technologies**, enabling users to easily print files from smartphones, tablets and even notebook computers.
- Protect your intellectual property: **a wide range of security features** help to keep your information safe, whether it's in a document, on the device, or over your network.
- **Sharp Remote Device Manager (SRDM)** allows administrators to have centralized control of the device over the network in order to simplify installation and management.*

*Some SRDM features not available. Contact your Sharp representative for availability and details.

MX-B427W SPECIFICATIONS

Main Specifications

MX-B427W	Base model includes 50-sheet D5PF, PCL® 6 and PostScript® 3™ compatible printing systems, network scanning, auto duplexing, 1 x 250-sheet paper drawer, 100-sheet bypass tray. Imaging kits and starter toner included.
Type	Desktop monochrome multifunction printer
Display	2.8" (diagonal) color dot matrix high-resolution touchscreen
Functions	Copy, print, network print, network scan and fax
Originals	Sheets and bound documents
Max. Original Size	8½" x 14"
Output Size	Min. 5½" x 8½", Max. 8½" x 14"
Copy Speed	42 ppm (8½" x 11")
First Copy Time	Platen Glass: 5.9
(in seconds)¹	Doc Feeder: 5.9
Magnification	25% to 400% in 1% increments
Original Feed	50-sheet D5PF
Scan Speed	Up to 96 ipm (Mono)/42 ipm (Color)
Original Sizes	5½" x 8½", 8½" x 11", 8½" x 14", 2" x 3½" business card
Paper Capacity	Standard: 350 sheets/Maximum: 900 sheets
Paper Feed System¹	Standard: 250-sheet paper drawer and 100-sheet bypass tray (letter/legal/statement size, envelopes through bypass only). Optional: 550-sheet paper drawer (letter/legal/statement).
Paper Weights and Types	Standard and optional paper drawers: Plain and heavy paper from 16-32 lb. bond. Other paper types include pre-printed, recycled, pre-punched, letterhead, color paper, paper labels. Bypass tray: 16 lb. to 58 lb. bond, cover, pre-printed, recycled, letterhead, color paper, paper labels, card stock, envelopes.
Duplexing	Standard automatic duplex copying and printing
CPU	1 GHz multi-processor design
Interface	RJ-45 Ethernet (10/100 Base-T), USB 2.0: host, high speed port (front), wireless LAN (IEEE 802.11 a/ac/b/g/n)
Memory	Standard: 512 MB
Copy Resolution	Up to 600 x 600 dpi
Copy Features	Collating copies, copy shortcut, duplex copy, paper save functions (N-Up), 2 up portrait or landscape, 4 up portrait or landscape, scale (reduce/enlarge) function, maximum number of copies 9,999, long edge binding, short edge binding.
Account Control	Supports user authentication via user-number
Output Tray	Center Exit Tray (Main): 150 sheets plain paper/10 envelopes
Capacity	
Cloud Supported Services	Google Drive, OneDrive for Business, SharePoint Online, Dropbox and Box.
Network Protocols	TCP/IP (IPv4, IPv6, TCP X, UDP X, IPSEC w/ IPv4 X, IPSEC w/ IPv6 X, ICMP X, IGMP X, 802.1x)
Network and Data Security	Includes IP address filtering, protocol filtering, port control, TLS Encryption, Kerberos
Firmware Management	Flash ROM with local (USB), network update capability and firmware update 1 to N

Main Specifications (continued)

Device Setup	Web-based management/cloning with user/administrator level login
Service/Functions	Remote Front Panel, remote access to service logs and click counts
Accessibility Features	Touch front panel, swipe navigation, key pad operation, AT compatible print and scan drivers, AT compatible embedded web server page, accessible user guides, magnification, tactile volume control, raised operator panel keys, quick copy, display brightness control, control panel key repeat adjustable.
Environmental Standards	International ENERGY STAR Program Ver. 3.0, European RoHS, Blue Angel (RAL-UZ205)
Power	110-127V AC, 50-60 HZ, 12 A receptacle
Power Consumption	0.54 kW
Weight	Approx. 28.2 lbs.
Dimensions	Approx. 16.2" (w) x 14.4" (d) x 13.3" (h)

Network Printing System

PDL	Standard PCL 5 and PostScript 3 compatible
Resolution	600 x 600 dpi
Print Speed	42 ppm (8½" x 11")
Print Drivers	Windows Server® 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, Windows Server 2016, Windows Server 2019, Windows 7, Windows 8.1, Windows 10, MAC OS X® (including 10.10 to 10.15), all MAC PPD, Linux® PPD

Mobile Printing

Print Features	AirPrint, Android printing framework, Wi-Fi direct print Auto configuration, bar code font printing, confidential print, custom image registration, different cover page/last page/other page, document filing, duplex printing, electronic sorting, form overlay, image rotation, image type, job retention, layout print, N-up printing, pamphlet style, proof print, stapling, toner save mode, tray status, user authentication, watermarks, zoom print.
-----------------------	---

Direct Printing	File Types: JPEG, TIFF, GIF, BMP, PNG, PCX, PDF. Methods: FTP, Web page and USB memory
------------------------	--

Resident Fonts	89 fonts (PCL), 158 fonts (PS)
Operating Systems and Environments	Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, Windows Server 2016, Windows Server 2019, Windows 7, Windows 8.1, Windows 10, Citrix®, Linux

Printing Protocols	LPD, Raw TCP (port 9100), enhanced IP (port 9400), FTP, TFTP, IPP
---------------------------	---

Network Scanning System

Scan Modes	Standard: color, monochrome and grayscale
Max. Original Size	8½" x 14"
Optical Resolution	600 dpi
Output Modes	600 dpi, 400 dpi, 300 dpi, 200 dpi, 150 dpi, 75 dpi

Network Scanning System (continued)

Image	Color Scanning: Uncompressed, G3 (MH), G4 (MR/MMR)
Compression	Color/Grayscale: JPEG (high, middle, low)
Image Formats	JPEG, PDF, PDF/A-1a/1b, XPS, TIFF
Scan Destinations	Email, Desktop, FTP, Folder (SMB), USB, Super G3 fax
Scanning Protocols	HTTP/HTTPS, FTP/FTPS, SMTP/SMT/SMTP-SSL/ESMTP, POP3, LDAP, S/MIME
Software	Optional third party applications

Super G3 Facsimile Function

Communication Line	Public Switched Telephone Network (PSTN) or Analog PABX (RJ-11)
Transmission Mode	Super G3, G3
Modem Speed	Maximum 33.6 KBPS with auto fallback
Compression	JBIG, JPEG, MMR, MR, MH
Scanning Method	Sheet fed or manual feed from platen glass
Transmit Resolution	600 x 600 dpi (ultra-fine), 300 x 300 dpi (super-fine), 200 x 200 dpi (fine), 200 x 100 (standard)
Transmit Speed	Approx. 3 seconds per page in Super G3 mode
Auto Dialing	Up to 400 destinations (combined)
Group Dialing	Up to 400 groups
Inbound Fax Routing	To email address, FTP or SMB using Transmit Terminal Identification (TTI), also Document Administration function can send blind copy of transmissions and receptions to an administrator email address, FTP or SMB location.
Max. Original Length	Up to 14"
Memory Features	6 MB Transaction Reports, Activity Reports, PC Fax, Quick On-line Transmission, Inbound Fax Routing, Anti-junk Fax Reception, Fax Release, Out-of-Paper Memory Reception, Auto Redial, Auto Exposure, Group Dialing, Duplex Reception, Fax Forwarding, Color Page and Color Fax.

Optional Equipment

MX-CS26	550-sheet Paper Feed Unit
----------------	---------------------------

Supplies

MX-B42T	Black Toner Cartridge
MX-B42DU	Black Imaging Kit

¹ May vary depending on product configuration, machine settings and operating and/or environmental conditions.

² Some features require optional equipment. See your local dealer.



SHARP®

SHARP ELECTRONICS CORPORATION
100 Paragon Drive, Montvale, NJ 07645
1-800-BE-SHARP • www.sharpsusa.com

Sharp, Sharp OSA, My Sharp, and all related trademarks are trademarks or registered trademarks of Sharp Corporation and/or its affiliated companies. Microsoft, Office 365, Windows, Windows Server, Excel, PowerPoint, OneDrive, and SharePoint are trademarks or registered trademarks of Microsoft Corporation. Android, Chrome, Gmail, Google Drive and Chromebook are trademarks or registered trademarks of Google LLC. Adobe, the Adobe logo, PostScript, and PostScript 3 are either registered trademarks or trademarks of Adobe in the United States and/or other countries. All other trademarks are the property of their respective owners. Design and specifications subject to change without notice.

SHARP®

ESSENTIALS SERIES MONOCHROME DOCUMENT SYSTEMS



MX-M2651 MX-M3051 MX-M3551 MX-M4051



"2019 Copier MFP Line of the Year"
"New to the Line"

The New Sharp Monochrome Essentials Series document systems deliver versatile workflow features, enhanced integration and strong value.

DESIGNED FOR THE TECHNOLOGY-DRIVEN WORKPLACE

essentials

The Sharp MX-M2651, MX-M3051, MX-M3551 and MX-M4051 Essentials Series monochrome document systems are built using the latest technology available to deliver the performance, features and reliability needed in today's busy workplace environments. These new MFPs are also easy to use and offer enhanced productivity, all to provide customers with a seamless, intuitive experience, and the confidence in knowing their jobs will come out right the first time, every time. The new Monochrome Essentials Series also offers leading-edge security features to help businesses protect their data and personal information.

Key Features

- **Ease of Use** – Award-winning touchscreen display offers a user-friendly graphical interface with simplified Easy Modes, integrated user guides and quick access to network services. With Sharp's new **MFP Voice** feature available for these models, you can interact with the machine with the power of natural language.
- **Productive Features** – Standard full multifunction capability out-of-box, including copying, network printing and color network scanning. Add the optional PostScript Kit to enable the Adobe Embedded Print Engine, which direct prints PDF files with greater performance and rendering accuracy.
- **Workplace Friendly** – Integrates seamlessly with today's complex network environments, and supports popular cloud services and mobile technologies. Sharp's new **Application Portal** enables administrators to easily add new apps or update existing apps right from the MFP.

The new MX-M2651, MX-M3051, MX-M3551 and MX-M4051 Monochrome Essentials Series document systems are feature-rich and offer businesses powerful multitasking features at a strong value.



POWERED BY
Adobe Embedded Print Engine

POWERFUL PERFORMANCE, STRONG PRODUCTIVITY



EASY TO USE

PRODUCTIVE FEATURES

WORKPLACE FRIENDLY



"PaceSetter Award in
Ease of Use 2018-2019"

A feature-rich multifunction document system that is also cost-effective.

- Standard 100-sheet **reversing single-pass document feeder** scans documents at speeds up to 80 images per minute (ipm).
- **Flexible paper handling** supports media up to 110 lb. cover (300 gsm) and feeds up to 12" x 18" through the paper trays, allowing users to print on a wide variety of media, including envelopes through the standard paper tray and bypass tray.
- Sharp's new **MFP Voice** feature enables users to control the device with simple verbal commands. Experience a hands-free, voice-first interaction with **Amazon Alexa**, available for these Essentials Series models.
- Network-ready **PCL® 6** and available **Adobe® PostScript® 3™** printing systems ensure your documents print with the clarity and formatting you expect.
- With the available **OCR Expansion Kit**, you can easily **convert documents** to popular **Microsoft®** file formats as well as a variety of **PDF formats**. You can also add options to **Direct Print** these same file types from thumb drives, cloud applications and more.*



- Award-winning 10.1" (diagonal) **customizable touchscreen display** with a clean design enables easy access to features and functions when setting up jobs.
- Available **wireless networking** feature can connect directly to your network or to mobile devices for convenient scanning and printing with the **Sharpdesk® Mobile App**.
- Access popular cloud services, such as Microsoft OneDrive™ for Business, SharePoint® Online, Google Drive™, Dropbox and more with Sharp's available **Cloud Connect** feature. And with Sharp's new **Application Portal** administrators can add or update apps right from the MFP.
- Available **compact PDF** feature dramatically reduces the file size of most color scanned documents, resulting in decreased network traffic and more efficient use of disk and cloud storage.
- **Multi-layered, leading-edge security features** provide enhanced protection and help businesses stay one step ahead of hackers and malicious network intruders. An **End-of-Lease** feature can erase all data and personal information at time of trade-in.

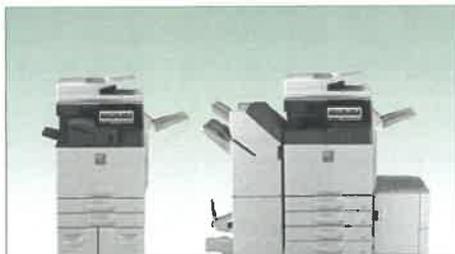
* This function is available via Qualcomm® DirectOffice™ technology.



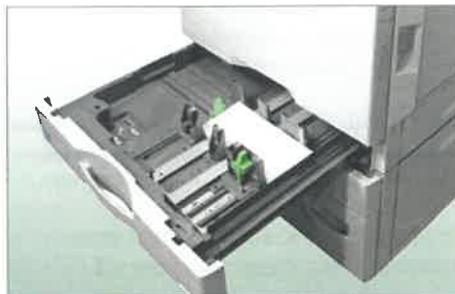
ENHANCED FUNCTIONALITY – INTUITIVE DESIGN



Easy Copy Screen offers the most commonly used settings.



MX-M3051 shown in both a compact configuration with inner finisher and full configuration with saddle stitch finisher and large capacity cassette.



Feeds up to 50 envelopes from the standard paper tray.*

* See specifications for a list of supported envelopes.

From paper handling to networking, the MX-M2651/ M3051/M3551/M4051 Monochrome Essentials Series will exceed your expectations.

Simple and Intuitive Operation

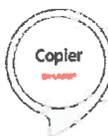
From the most basic of copy functions, to the most complex scan jobs, the Monochrome Essentials Series will perform them with ease and efficiency. Use one of the **Easy Modes** for fast, simple operation, with basic functions displayed in **large, clearly-labeled tiles** and keys. Easy Modes are available for the standard copy and scan functions, as well as for the optional fax expansion kit. And for more advanced features, just touch the “Details” button—it’s that easy.

The Productivity You Need with the Performance You Want

When it's time to get the job done, the Essentials Series monochrome document systems are outstanding performers. Quickly scan documents at speeds up to **80 ipm**. Then use the **manual stapling feature** on select finishers to restaple your originals. **Multiple finishing options** give you the output you require, be it stacked, stapled, or saddle-stitched. There’s even an available built-in **stapleless finishing feature**, which can bind up to five sheets of paper by adding a crimp to the corner of the set, saving regular staples for larger sets. These models also feed up to 50 envelopes from the standard paper tray.*

Experience Hands-free, Voice-first Interaction at the MFP with Alexa

Sharp has always been known for enhancing MFP productivity in the workplace by offering innovative, easy-to-use features. Sharp has done it again with the new **MFP Voice feature** available for the new Monochrome Essentials Series document systems. With Sharp’s MFP Voice feature, you can interact with the machine just by using the power of natural language. With simple voice commands, you can ask the Sharp document system to make copies or scan a document.



“Alexa, ask Sharp Copier to scan to me.”



MX-M4051 shown with available Sharp MFP Voice feature with Alexa.

HIGH IMPACT VERSATILITY AND SCALABILITY

The MX-M2651/M3051/M3551/M4051 Essentials Series monochrome document systems provide high-performance functionality that easily adapts to your business needs.

innovative features



Reversing Single Pass Feeder (RSPF)
Standard 100-sheet reversing document feeder scans up to 80 ipm.

Convenient Wireless Networking
Scanning and printing from mobile devices is made quick and easy with the available Sharpdesk Mobile App.

Easy-to-Use Smart Touchscreen
Award-winning, tablet-style menu provides quick access to features and functions.

High Quality Printing
600 x 600 dpi resolution produces razor-sharp documents. Available Adobe PostScript 3 drivers offer extensive job control.

In-line Stapling
Produce professional-looking corner-staple or edge-staple documents up to 65 pages.

Manual Stapler
Manual stapling feature makes it easy to re-staple originals after scanning.

100-sheet Bypass Tray
Manual bypass tray feeds envelopes, OHP film, glossy paper, as well as paper up to 300 gsm.

Saddle Stitch Finishers
Make high quality booklets up to 80 pages.

Multi-layered Security Features
Leading-edge security features provide enhanced protection of data and personal information and help protect against network intrusions.

Easily Access Popular Cloud Applications
With the available Cloud Connect feature, users gain access to Microsoft OneDrive, Google Drive, Dropbox and more. Sharp's new Application Portal makes it easy for administrators to add or update apps right from the MFP.

Advanced Finishing
Sharp gives you a choice of five high-performance finishers to give your documents a professional look. Choose from a compact inner finisher to a high capacity, floor-standing saddle stitch finisher.

Flexible Paper Handling
Paper drawers feed up to 12" x 18" and support media up to 300 gsm. Also feeds up to 50 envelopes through the standard paper tray.* A variety of paper tray options are available, including a large capacity cassette and split tandem paper drawers for a total on-line capacity of 6,300 sheets.

* See specifications for a list of supported envelopes.



ENHANCED COLLABORATION FOR STREAMLINED WORKFLOWS



Access popular cloud applications, distribute files and print documents more easily.



Scan and convert documents to popular file types with optional OCR Expansion Kit.



Standard Serverless Print Release enables users to securely print a job and release it from up to six supported models on the same network.

Expandable workflow solutions that can grow as your business needs change.

Distribute, Access and Print Your Documents with Ease

Sharp makes it easy to go beyond traditional network scanning with optional **Email Connect** and **Cloud Connect** features. With Email Connect, scan to email is seamlessly integrated with Microsoft Exchange/Office 365® and Gmail™ user accounts, making it easy to identify the sender of scanned files. With Cloud Connect, users can easily scan-to and print-from **Microsoft OneDrive for Business, SharePoint Online, Google Drive, Box and Dropbox**. And with Sharp's new Application Portal, administrators can easily add new apps and update existing apps right from the MFP touchscreen panel.



Scan and Print Files Easily from Mobile Devices

The Essentials Series monochrome document systems also make it easy to scan and print files from tablets and smart phones using **Sharpdesk Mobile**, a free downloadable app available for most mobile devices.¹ These new models also support popular mobile technologies such as **Apple® Airprint®**, **Android™ print framework** and **Google Cloud Print™**.² With optional **wireless networking**, users can also print directly to the MFP from mobile devices without interfering with the corporate network!²

Simplify Managing Different File Types with Intelligent Image Processing

With the optional OCR Expansion Kit, users can easily scan and convert documents to popular file formats including Microsoft Word, PowerPoint® and Excel®, as well as Searchable PDF, Encrypted PDF and others. You can even add additional options to directly print these same file types from thumb drives, cloud applications and mobile devices. This function is enabled via Qualcomm DirectOffice technology. The available PostScript 3 Expansion Kit supports the new **Adobe Embedded Print Engine**, which direct prints PDF files from a variety of sources with greater performance and rendering accuracy.

Flexible Printing Solutions Help Maximize Productivity

Standard PCL 6 and optional Adobe PostScript 3 printing systems to help you speed through all of your output needs. Sharp's **Serverless Print Release** feature enables users to securely print a job and release it from up to six supported models on your network.¹ And with **Google Cloud Print**, you can send print jobs from Chromebook™ notebook computers, PCs and more from virtually anywhere.²

Simplify Complex Business Workflows with Sharp OSA® technology

Sharp OSA technology can help your business leverage the power of your network applications, back-end systems and cloud services.² Easily automate complex processes and help eliminate redundant tasks. Talk to your authorized Sharp dealer to see how they can help you implement a streamlined workflow solution.



¹ Go to www.sharpsusa.com for a list of supported equipment and operating systems.

² Some features require optional equipment and/or software.

TAKING CARE OF BUSINESS SAFELY AND SECURELY

Manage your device, help safeguard your data, help protect your business.

To help protect employees' privacy and intellectual property, the new Monochrome Essentials Series is armed with leading-edge, **multi-layered security features**, including **Firmware Attack Prevention and Self Recovery**, which can help identify a malicious intrusion and restore the machine firmware to its original state. The new **Application Whitelisting** feature detects access attempts to the machine file system and denies access if the source data is not on the whitelist. **Authority Groups** help manage and restrict copying, printing and scanning features to safeguard data and control costs. Administrators can also apply **Active Directory® Group Policy** to the device, which offers centralized configuration and control. **Confidential Printing** helps ensure sensitive documents are kept safe by requiring users to enter a PIN code to print them. These models also support Active Directory user authentication and secure **Single Sign-On**. **Integrated ID card authentication** is also available.* When you are ready to trade the machine in, a convenient **End-of-Lease** feature can erase all data and personal information, as well as print a confirmation report.



These scalable security offerings aim to help protect your confidential and personal information, as well as help your business meet regulatory requirements. For additional information visit: www.sharppusa.com/security.

** Some features require optional equipment and/or software.*



With **Sharp Remote Device Manager (SRDM)**, administrators can take control of system features and simplify installation and management. SRDM makes it easy to view service logs, click counts, history reports and more. Event-driven service alerts help monitor the device and maximize uptime. The centrally managed **security dashboard** monitors security settings and can automatically reset the security policy if changed locally at the machine. Also, **Centralized Admin Password Management** and **Centralized Power Management** make it easy to deploy changes when needed. The **Remote Front Panel** feature enables administrators to control the machine's LCD panel from a PC to troubleshoot issues and train operators. Sharp also offers both **built-in** and additional **auditing hardware and software to control, access and track usage** of each device on the network.* And with **My Sharp™**, you get a dedicated training website customized to your Essentials Series model to help you understand all of the features.



ENVIRONMENTAL COMMITMENT



An Environmentally Responsible Approach to Product Design

Sharp is committed to environmental sustainability and corporate responsibility including planning, design, manufacturing, distribution and product end-of-life management. The Monochrome Essentials Series adhere to Sharp's Green Products Guidelines in pursuit of these commitments. These guidelines include designing products that consume less power, using recycled materials, reducing the amount of material used in products and packaging, and labeling the type of materials used. Sharp also aims to design products that are upgradable, easy to repair and easy to take apart for recycling.

The MX-M2651/M3051/M3551/M4051 document systems are ENERGY STAR® qualified and RoHS compliant to restrict the use of hazardous substances. These products also have low TEC values. Sharp MFPs are EPEAT® registered.



Toner Recycling Program

As part of our commitment to help preserve the environment, Sharp offers zero-waste-to-landfill recycling for Sharp consumables at no cost to our customers. This program includes cartridges, bottles, toner collection containers and drum units. Sharp encourages customers to recycle their used Sharp toner cartridges in bulk by providing them with a pre-paid recycling kit for their return to our facility.

Environmental Leadership

As a testament to our commitment to the environment, Sharp is a multi-year winner of the ENERGY STAR annual Excellence in Energy Proficiency Product Design. Sharp is also a multi-year winner of the SmartWay® Excellence Award which recognizes companies for conserving energy and lowering greenhouse gas emissions in logistics and transportation.

For more information about Sharp's environmental leadership including information about energy efficient products, electronics or toner cartridge recycling, please visit www.sharppusa.com/environment.

MX-M2651/M3051/M3551/M4051 SPECIFICATIONS

Main Specifications

MX-M2651/M3051/M3551/M4051	Base models include multitasking controller, 100-sheet RSPF and PCL 6 printing system, network scanning, auto duplexing, 1 x 550-sheet paper drawer, 100-sheet bypass tray.
Type	Monochrome multi-function digital document system
Display	10.1" (diagonal) color dot matrix high-resolution touch panel tilting display, 1,024 x 600 dots (W-SVGA)
Functions	Copy, print, network print, network scan, document filling and fax ¹
Copy System	Dry electrostatic transfer/Dual component developer/Magnetic brush development/OPC drums/Belt fusing/white LED exposure Sheets and bound documents
Originals	
Max. Original Size	11" x 17"
Output Size	Min. 5 1/2" x 8 1/2", Max. 12" x 18"
Copy Speed	26/30/35/40 ppm (8 1/2" x 11")
Multiple Copy	Max. 9,999 copies
First Copy Time (In Seconds)²	RSPF: 7.4
Warm Up Time	27 seconds (from main power switch on), 14 seconds (from [Power] button on)
Magnification	25% to 400% in 1% increments (with RSPF 25%-200%)
Original Feed	100-sheet RSPF with original size detection
Scan Speed	Copy: Up to 80 ipm (Mono) Scan: Up to 80 ipm (Mono/Color)
Original Sizes	5 1/2" x 8 1/2", 8 1/2" x 11", 8 1/2" x 11" R, 8 1/2" x 14", 11" x 17"
Paper Capacity	Standard: 650 Sheets, Maximum: 6,300 Sheets
Paper Feed System	Standard: (1) paper drawer 550 sheets (letter/legal/ledger/stmt. size) or up to 60 envelopes (max. height: 25 mm), 100-sheet (or 20 envelope) bypass tray. Optional: Single, double, or triple paper drawers(s) (550, 1,100, or 1,650 sheets), split tandem paper drawers 2,100 sheets (letter) + (1) 550-sheet paper drawer (letter/legal/ledger/statement size).
Paper Weights and Types	Paper drawers: 18 lb. bond to 110 lb. cover. Drawer 1: 20-24 lb. bond or Monarch/Com-9 envelopes. Split Tandem Drawers: 18 lb. bond to 28 lb. bond or plain, pre-printed, recycled, pre-punched, letterhead and color paper. Bypass tray: 16-28 lb. bond (plain paper), 13-16 lb. bond (thin paper), 28 lb. bond-110 lb. cover (heavy paper), tab paper (letter) and Monarch/Com-10 envelopes. Also label, gloss, preprinted, recycled, pre-punched, letterhead and color paper or OHP film.
Duplexing	Standard automatic duplex copying and printing
CPU	Up to 1.4 GHz multi-processor design
Interface	10/100/1000 Base-T Ethernet, USB 2.0: 2 host ports (front & rear), opt. wireless 802.11 b/g/n
Memory	Standard 5 GB copy/print (shared)
Hard Disk Drive	500 GB
Copy Resolution	Scan: 600 x 600 dpi Output: Up to 600 x 600 dpi
Copy Modes	Monochrome/Grayscale
Exposure Control	Modes: Automatic, Text, Text/Photo, Text/Printed-Photo, Printed-Photo, Photo, Map, Pale-Color Document. Settings: Auto or 9 step manual
Halftone	256 gradations/2 levels (monochrome)
Copy Features	Scan-Once Print-Many, electronic sorting, offset-stacking, Auto Paper Selection (APS), Auto Magnification Selection (AMS), Auto Tray Switching (ATS), black-white reversal, blank page skip, book copy, book divide, card shot, center erase, centering, cover pages, dual page copy, edge erase, image edit, image preview, insert pages, job build, job programs, margin shift, mirror image, mixed size original, multi-page enlargement, original count, pamphlet style, proof copy, repeat layout, reserve copy, related copy, stamp, stamp custom image, suppress background, tab copy, tab-paper insertion, tandem copy, toner save mode, transparency inserts, watermark, 2-in-1 / 4-in-1 / 8-in-1 multi shot
Account Control	Up to 1,000 users. Supports user-number authentication via local, LDAP, and Active Directory for copy, print, scan and document management

¹ Some features require optional equipment. See your local dealer.

² May vary depending on product configuration, machine settings and operating and/or environmental conditions.

Main Specifications (continued)

Output Tray	Center Exit Tray (Main): 250 sheets (face down)
Capacity	Job Separator (Upper Tray): 100 sheets (face down) Right Side Exit Tray: 100 sheets (face down)
Cloud Supported Services (Option)	Google Cloud Print, Google Drive, Box, OneDrive for Business, SharePoint Online, Dropbox, Office 365, Gmail
Network Protocols	TCP/IP (IPv4, IPv6, IPsec), HTTP/HTTPS, IPP/IPP-SSL, FTP/FTPS, SNMPv3, SMTP/SMTP-SSL, POP3/POP3-SSL, LDAP/LDAP-SSL, 802.1x for Windows and Unix.
Network and Data Security	Includes IP/MAC address filtering, protocol filtering, port control, user authentication (local/LDAP/Active Directory), TLS Encryption, Kerberos support
Firmware Management	Flash ROM with local (USB), network update capability and firmware update 1 to N with SRDM (Sharp Remote Device Manager)
Device Setup Service/Functions	Web-based management with user/admin level login Remote Front Panel, remote access to service logs and click counts
Accessibility Features	Free stop tilting front panel, adjustment of key touch sound and speed, concave key, document feeder free stop, job programs, remote front panel, universal grip for paper trays, and disable screen timeout
Environmental Standards	International Energy Star Program Ver. 3.0, European RoHS, Blue Angel (RAL-UZ205)
Power Source	110-127 V AC, 60 Hz, 15 A receptacle
Power Consumption	1.5 kW or less
Weight	Approx. 141 lbs.
Dimensions	Approx. 24" (w) x 26" (d) 33" (h)
Network Printing System	
PDL	Standard PCL 6, optional Adobe PostScript 3
Resolution	600 x 600 dpi
Print Speed	26/30/35/40 pages per minute (8 1/2" x 11")
Print Drivers	Windows [®] 7, Windows 8.1, Windows 10, WindowsServer [®] 2008, Windows Server 2012, Windows Server 2016, Windows Server 2019, Windows PPD, Mac [®] OS X [®] (including 10.9 to 10.14), all Mac PPD, UNIX [®] , Linux [®]
Mobile Printing¹	Android printing framework (Sharp Print Service Plugin), Sharpdesk Mobile, Google Cloud Print, Apple AirPrint
Print Features	Auto configuration, serverless print release, chapter inserts, confidential print, continuous printing, custom image registration, document control, document filling, duplex printing, electronic sorting, form overlay, hidden pattern print, image rotation, job bypass print, job retention, layout print, margin shift, multiple pamphlet, network tandem print, N-up printing, offset stacking, page interleave, pamphlet style, poster print, proof print, print and send, tab paper print, tab printing, transparency inserts, tray status, user authentication single sign-on, watermarks, zoom print
Direct Printing	File Types: TIFF, JPEG, PCL, PRN, TXT, and PNG. Optional: PDF, Compact PDF, Encrypted PDF, PS, DOCX, XLSX and PPTX. Methods: FTP, SMB, Web page, Email and USB memory. PDF file formats support the Adobe Embedded Print Engine
Resident Fonts	80 outline fonts (PCL), 139 fonts (PS) (Host)
Interface	RJ-45 Ethernet 10/100/1000 Base-T, USB 2.0, Wireless
Operating Systems and Environments	Windows 7, Windows 8, Windows 10, Windows Server 2008, Windows Server 2012, Windows Server 2016, Windows Server 2019, Chrome [®] , Mac OS X 10.9 to 10.14, Unix, Linux, Citrix [®] , and SAP device types ¹
Printing Protocols	LPR, IPP, IPPS, Raw TCP (port 9100), FTP, POP3, HTTP, and LPD and LPR for Unix
Network Scanning System	
Scan Modes	Standard: Color, monochrome, grayscale
Max. Original Size	11" x 17"
Optical Resolution	600 dpi
Output Modes	600 dpi, 400 dpi, 300 dpi, 200 dpi, 150 dpi, 100 dpi
Image	Monochrome Scanning: Uncompressed, G3 (MH), G4 (MR/MMR)
Compression	Color/Grayscale: JPEG (high, middle, low) Internet Fax mode: MH/MMR (option) ¹

Network Scanning System (continued)

Image Formats	Monochrome: TIFF, PDF, PDF/A-1b, Encrypted PDF, XPS Optional: PDF/A-1a, Text-searchable PDF, PPTX, XLSX, DOCX, TXT, RTF Color/Grayscale: TIFF, JPEG, PDF, PDF/A-1b, Encrypted PDF, XPS Optional: PDF/A-1a, Compact PDF, Text-searchable PDF, PPTX, XLSX, DOCX, TXT, RTF Internet Fax: TIFF-FX, TIFF-F, TIFF-S ¹
Scan Destinations	Email, Desktop, FTP, Folder (SMB), USB, Internet fax (option), Super G3 fax (option)
One-touch Destinations	Up to 2,000 (combined scan destinations)
Group Destinations	Up to 500
Programs	48 (combined)
Max. Jobs	Up to 100
Enhanced Email Integration	Standard Gmail connector, standard Exchange connector
Software¹	Sharpdesk personal document management software, Network Scanner tool, Sharpdesk Mobile (download)

Optional Equipment

MX-60ABD	Deluxe Copier Cabinet Base (with front door)
MX-DE25N	Stand/1 x 550-sheet Paper Drawer
MX-DE26N	Stand/2 x 550-sheet Paper Drawers
MX-DE27N	Stand/3 x 550-sheet Paper Drawers
MX-DE28N	Stand/1 x 550 + 2,100-sheet Split Tandem Paper Drawers
MX-DE29N	Low Stand/1 x 550-sheet Paper Drawer
MX-LC17N	3,000-sheet Large Capacity Cassette (letter, requires MX-DE25N/26N/27N/28N)
MX-LT10	Long Paper Feeding Tray
MX-FN27N	50-sheet Staple Inner Finisher
MX-FN28	1K Stacking 50-sheet Staple Finisher
MX-FN29	1K Stacking 50-sheet Staple/Saddle Stitch Finisher
MX-FN30	3K Stacking 65-sheet Staple Finisher
MX-FN31	3K Stacking 65-sheet Staple/Saddle Stitch Finisher
MX-RB25N	Paper Pass Unit (required for MX-FN28/29/30/31)
MX-PN14B	3-Hole Punch Unit (requires MX-FN27N)
MX-PN15B	3-Hole Punch Unit (requires MX-FN28/29)
MX-PN16B	3-Hole Punch Unit (requires MX-FN30/31)
MX-SCX1	Staple Cartridge for MX-FN27N/28
AR-SC2	Saddle-stitch Staple Cartridge for MX-FN29
MX-SC11	Staple Cartridge for MX-FN30/31
MX-SC12	Saddle-stitch Staple Cartridge for MX-FN31
MX-TR19N	Right Side Exit Tray
MX-TR20	Job Separator Tray
MX-TU16	Center Exit Tray
MX-UT10	Utility Table
MX-EB18	Wireless LAN
MX-EB19L	Compact PDF Kit
MX-EB20L	OCR Expansion Kit
MX-FX15	Fax Expansion Kit
MX-FWX1L	Internet Fax Kit
MX-PF10	Bar Code Font Kit
MX-PK13L	Adobe PostScript 3 Expansion Kit
MX-PU10L	Direct Print Expansion Kit
AR-SU1	Stamp Unit (requires AR-SV1 Stamp Cartridge)
AR-SV1	Stamp Cartridge
MX-AMX1L	Application Integration Module
MX-AMX2L	Application Communication Module
MX-AMX3L	External Accounting Module
MX-FR64U	Data Security Kit
DVENDFSV	Generic Vendor Interface Kit
Supplies	
MX-561NT	Toner Cartridge
MX-561NV	Developer
MX-560DR	Drum
MX-609HB	Toner Collection Container



SHARP ELECTRONICS CORPORATION
100 Paragon Drive, Montvale, NJ 07645
1-800-BE-SHARP • www.sharpsusa.com

Design and specifications subject to change without notice. Sharp, Sharp OSA, Sharpdesk, My Sharp, and all related trademarks are trademarks or registered trademarks of Sharp Corporation and/or its affiliated companies. Microsoft, Office 365, Active Directory, Windows, Windows Server, Excel, PowerPoint, OneDrive, and SharePoint are trademarks or registered trademarks of Microsoft Corporation. Android, Chrome, Gmail, Google Drive, Google Cloud Print, and Chromebook are trademarks or registered trademarks of Google LLC. Adobe, the Adobe logo, PostScript, and PostScript 3 are either registered trademarks or trademarks of Adobe in the United States and/or other countries. Qualcomm DirectOffice is a product of Qualcomm Technologies, Inc. and/or its subsidiaries. Qualcomm is a trademark of Qualcomm Incorporated, registered in the United States and other countries. DirectOffice is a trademark of CSR Imaging US, LP, registered in the United States and other countries, used with permission. Amazon, Alexa, and all related logos and motion marks are trademarks of Amazon.com, Inc. or its affiliates. All other trademarks are the property of their respective owners.

SHARP®

ADVANCED SERIES MONOCHROME DOCUMENT SYSTEMS



MX-M3071S
MX-M3571S
MX-M4071S



"Most Reliable Monochrome
Copier MFP Brand 2018-2021"



"2019 Copier MFP Line of the Year"
"New to the Line"

The Sharp Monochrome Advanced Series document systems deliver cutting-edge integration and powerful productivity.

DESIGNED FOR THE TECHNOLOGY-DRIVEN WORKPLACE

advanced

The Sharp MX-M3071S, MX-M3571S and MX-M4071S Advanced Series monochrome document systems are built using the latest technology available to deliver the performance, features and reliability needed in today's busy workplace environments. These MFPs are also easy to use and offer enhanced productivity, all to provide customers with a seamless, intuitive experience, and the confidence in knowing their jobs will come out right the first time, every time. The Monochrome Advanced Series also offers leading-edge security features to help businesses protect their data and personal information.

Key Features

- **Ease of Use** – Award-winning touchscreen display offers a user-friendly graphical interface with simplified Easy Modes, integrated user guides and quick access to network services. With the Sharp **MFP Voice** feature available for these models, you can interact with the machine with the power of natural language.
- **Productive Features** – Standard full multifunction capability out-of-box, including copying, network printing and color network scanning. Adobe Embedded Print Engine technology direct prints PDF files from a variety of sources with greater performance and rendering accuracy.
- **Workplace Friendly** – Integrates seamlessly with today's complex network environments, and supports popular cloud services and mobile technologies. The Sharp **Application Portal** enables administrators to easily add new apps or update existing apps right from the MFP.

The MX-M3071S, MX-M3571S and MX-M4071S Monochrome Advanced Series offers businesses powerful multitasking features, enabling them to quickly execute the ever-changing workflow tasks of today's busy office environments.



POWERED BY
Adobe Embedded Print Engine

POWERFUL PERFORMANCE, STRONG PRODUCTIVITY



An advanced design plus multifunctional capability allow you to meet tomorrow's business needs today.

- Standard 150-sheet **duplexing single-pass document feeder** scans documents at speeds up to 220 images per minute (ipm).
- **Flexible paper handling** supports media up to 110 lb. cover (300 gsm) and feeds up to 12" x 18" through the paper trays, allowing users to print on a wide variety of media.
- Available Sharp **MFP Voice** feature enables users to control the device with simple verbal commands. Experience hands-free, voice-first interaction with **Amazon Alexa**.
- Network-ready **PCL® 6** and **Adobe® PostScript® 3™** printing systems ensure your documents print with the clarity and formatting you expect.
- Easily **convert documents** to popular Microsoft® file formats, as well as a variety of PDF formats, with standard OCR (optical character recognition) capabilities.

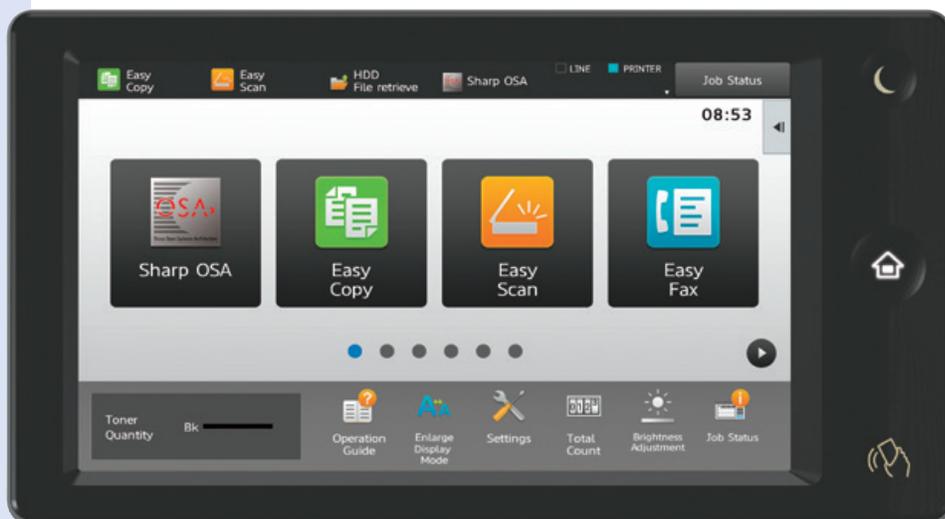
EASY TO USE

PRODUCTIVE FEATURES

WORKPLACE FRIENDLY



"PaceSetter Award in Ease of Use 2018-2019"



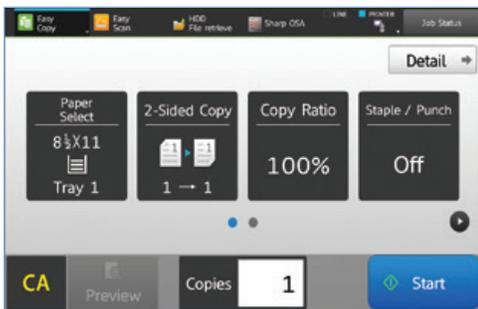
- Award-winning 10.1" (diagonal) **customizable touchscreen display** with a clean design enables easy access to features and functions when setting up jobs.
- **Built-in walk-up motion sensor** automatically detects approaching users and immediately wakes the machine, making it ready for use within seconds.
- Optional **wireless networking** feature can connect directly to your network or to mobile devices for convenient scanning and printing with the **Sharpdesk® Mobile App**.
- Access popular cloud services, such as Microsoft OneDrive™ for Business, SharePoint® Online, Google Drive™, Dropbox and more with the Sharp **Cloud Connect** feature.
- **Multi-layered, leading-edge security features** provide enhanced protection while an End-of-Lease feature can erase all data and personal information at time of trade-in.



Built-in retractable keyboard simplifies email address and subject line entries as well as repetitive scanning tasks and user authentication.



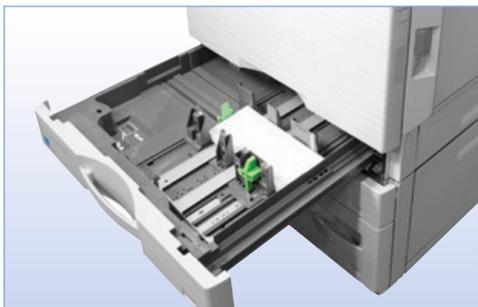
ENHANCED FUNCTIONALITY – INTUITIVE DESIGN



Easy Copy Screen offers the most commonly used settings.



MX-M4071S shown in both a compact configuration with inner finisher and full configuration with saddle stitch finisher and large capacity cassette.



Feeds up to 50 envelopes from the standard paper tray.

From paper handling to networking, the MX-M3071S, MX-M3571S and MX-M4071S Monochrome Advanced Series will exceed your expectations.

Simple and Intuitive Operation

From the most basic of copy functions, to the most complex scan jobs, the Monochrome Advanced Series will perform them with ease and efficiency. Use one of the **Easy Modes** for fast, simple operation, with basic functions displayed in **large, clearly-labeled tiles** and keys. Easy Modes are available for the standard copy and scan functions, as well as for the optional fax expansion kit. And for more advanced features, just touch the “Detail” button—it’s that easy.

The Productivity You Need with the Performance You Want

When it’s time to get the job done, the Advanced Series monochrome document systems are outstanding performers. Quickly scan documents at speeds up to **220 ipm**. Then use the **manual stapling feature** on select finishers to restaple your originals. **Multiple finishing options** give you the output you require, be it stacked, stapled, or saddle-stitched. There’s even an available built-in **stapleless finishing** feature, which can bind up to five sheets of paper by adding a crimp to the corner of the set, saving regular staples for larger sets. These models also feed up to 50 envelopes from the standard paper tray.*

Experience Hands-free, Voice-first Interaction at the MFP with Alexa

Sharp has always been known for enhancing MFP productivity in the workplace by offering innovative, easy-to-use features. Sharp has done it again with the **MFP Voice feature** available for the Monochrome Advanced Series document systems. With the Sharp MFP Voice feature, you can interact with the machine just by using the power of natural language. With simple voice commands, you can ask the Sharp document system to make copies or scan a document.



“Alexa, ask Sharp Copier to scan to me.”



MX-M4071S shown with available Sharp MFP Voice feature with Alexa.

*See specifications for a list of supported envelopes.

HIGH IMPACT VERSATILITY AND SCALABILITY

The MX-M3071S/M3571S/M4071S Advanced Series monochrome document systems provide high-performance functionality that easily adapts to your business needs.

innovative features

Duplexing Single Pass Feeder (DSPF)

Standard 150-sheet dual head document feeder scans both sides of a document in a single pass, and a built-in indicator light flashes to remind you to take your originals.

Convenient Mobile Connectivity

Scanning and printing from mobile devices is made quick and easy with the available Sharpdesk Mobile App.

Easy-to-Use Smart Touchscreen

Award-winning, tablet-style menu provides quick access to features and functions.

High Quality Printing

1,200 x 1,200 dpi resolution produces razor-sharp documents. Adobe PostScript 3 drivers offer extensive job control.

Built-in Retractable Keyboard

Full-size QWERTY keyboard enables easy data entry.

Hands-free Operation

The available MFP Voice feature enables users to control the device using simple verbal commands with Alexa.

In-line Stapling

Produce professional-looking corner-staple or edge-staple documents up to 65 pages.

Walk-up Motion Sensor

Detects walk-up users and wakes the machine from sleep mode, making it ready for use within seconds.

Manual Stapler

Manual stapling feature makes it easy to re-staple originals after scanning.

100-sheet Bypass Tray

Manual bypass tray feeds envelopes, OHP film, glossy paper, as well as paper up to 300 gsm.

Saddle Stitch Finishers

Make high quality booklets up to 80 pages.

Multi-layered Security Features

Leading-edge security features provide enhanced protection of data and personal information and helps protect against network intrusions.

Easily Access Popular Cloud Applications

With the available Cloud Connect feature, users gain access to Microsoft OneDrive, Google Drive, Dropbox and more. The Sharp Application Portal makes it easy for administrators to add or update apps right from the MFP control panel.

Advanced Finishing

Sharp gives you a choice of five high-performance finishers to give your documents a professional look. Choose from a compact inner finisher to a high capacity, floor-standing saddle stitch finisher.

Flexible Paper Handling

Paper drawers feed up to 12" x 18" and support media up to 300 gsm. Also feeds up to 50 envelopes through the standard paper tray.* A variety of paper tray options are available, including a large capacity cassette and split tandem paper drawers.

Large Capacity Cassette

Large capacity cassette option adds an additional 3,000 sheets of paper for a total on-line capacity of up to 6,300 sheets.



* See specifications for a list of supported envelopes.

ENHANCED COLLABORATION FOR STREAMLINED WORKFLOWS



Access popular cloud applications, distribute files and print documents more easily.



Scan and convert documents to popular file types seamlessly with the Sharp built-in OCR function.

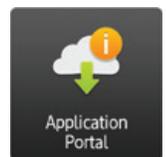


Standard Serverless Print Release enables users to securely print a job and release it from up to six supported models on the same network.

Powerful document workflow solutions help you work more efficiently.

Distribute, Access and Print Your Documents with Ease

Sharp makes it easy to go beyond traditional network scanning with standard **Email Connect** and **Cloud Connect** features. With **Email Connect**, scan to email is seamlessly integrated with Microsoft Exchange/Office 365[®] and Gmail[™] user accounts, making it easy to identify the sender of scanned files. With Cloud Connect, users can easily scan-to and print-from **Microsoft OneDrive for Business, SharePoint Online, Google Drive, Box and Dropbox**. And with the Sharp Application Portal, administrators can **easily add new apps** and update existing apps right from the MFP touchscreen panel.



Scan and Print Files Easily from Mobile Devices

The Advanced Series monochrome document systems also make it easy to scan and print files from tablets and smart phones using **Sharpdesk Mobile**, a free downloadable app available for most mobile devices.* These models also support popular mobile technologies such as **Android[™] print framework**. With optional **wireless networking**, users can also print directly to the MFP from mobile devices without interfering with the corporate network!

Simplify Managing Different File Types with Intelligent Image Processing

With standard OCR capabilities, users can easily scan and convert documents to popular file formats including Microsoft Word, PowerPoint and Excel, as well as Searchable PDF, Encrypted PDF and others. You can even directly print these same file types from thumb drives, cloud applications and mobile devices. This function is enabled via Qualcomm DirectOffice technology. These models also support **Adobe Embedded Print Engine**, which direct prints PDF files from a variety of sources with greater performance and rendering accuracy.

Flexible Printing Solutions Help Maximize Productivity

Standard PCL 6 and Adobe PostScript 3 printing systems to help you speed through all of your output needs. The Sharp **Serverless Print Release** feature enables users to securely print a job and release it from up to six supported models on your network.* Microsoft Universal Print eliminates the need for on-premises infrastructure, and enables IT to manage printers directly through a centralized portal.

Simplify Complex Business Workflows with Sharp OSA[®] Technology

Sharp OSA technology can help your business leverage the power of your network applications, back-end systems and cloud services. Easily automate complex processes and help eliminate redundant tasks. Talk to your authorized Sharp dealer to see how they can help you implement a streamlined workflow solution.



*Go to www.sharppusa.com for a list of supported equipment and operating systems.

TAKING CARE OF BUSINESS SAFELY AND SECURELY

Manage your device, help safeguard your data, help protect your business.

To help protect employees' privacy and intellectual property, the Monochrome Advanced Series is armed with leading-edge, **multi-layered security features**, including **Firmware Attack Prevention and Self Recovery**, which can help identify a malicious intrusion and restore the machine firmware to its original state. The **Application Whitelisting** feature detects access attempts to the machine file system and denies access if the source data is not on the whitelist. **Authority Groups** help manage and restrict copying, printing and scanning features to safeguard data and control costs. Administrators can also apply **Active Directory® Group Policy** to the device, which offers centralized configuration and control. **Confidential Printing** helps ensure sensitive documents are kept safe by requiring users to enter a PIN code to print them. These models also support Active Directory user authentication and secure **Single Sign-On**. **Integrated ID card authentication** is also available.* When you are ready to trade the machine in, a convenient **End-of-Lease** feature can erase all data and personal information, as well as print a confirmation report.



These scalable security offerings aim to help protect your confidential and personal information, as well as help your business meet regulatory requirements. For additional information visit: www.sharppusa.com/security.

**Some features require optional equipment and/or software.*



With **Sharp Remote Device Manager (SRDM)**, administrators can take control of system features and simplify installation and management. SRDM makes it easy to view service logs, click counts, history reports and more. Event-driven service alerts help monitor the device and maximize uptime. The centrally managed **security dashboard** monitors security settings and can automatically reset the security policy if changed locally at the machine. Also, **Centralized Admin Password Management** and **Centralized Power Management** make it easy to deploy changes when needed. The **Remote Front Panel** feature enables administrators to control the machine's LCD panel from a PC to troubleshoot issues and train operators. Sharp also offers both **built-in** and additional **auditing hardware and software to control, access and track usage** of each device on the network.* And with **My Sharp™**, you get a dedicated training website customized to your Advanced Series model to help you understand all of the features.



ENVIRONMENTAL COMMITMENT



An Environmentally Responsible Approach to Product Design

Sharp is committed to environmental sustainability and corporate responsibility including planning, design, manufacturing, distribution and product end-of-life management. The Monochrome Advanced Series adhere to the Sharp Green Products Guidelines in pursuit of these commitments. These guidelines include designing products that consume less power, using recycled materials, reducing the amount of material used in products and packaging, and labeling the type of materials used. Sharp also aims to design products that are upgradable, easy to repair and easy to take apart for recycling.

The MX-M3071S/M3571S/M4071S document systems are ENERGY STAR® qualified and RoHS compliant to restrict the use of hazardous substances. These products also have low TEC values. Sharp MFPs are EPEAT® registered.



Toner Recycling Program

As part of our commitment to help preserve the environment, Sharp offers zero-waste-to-landfill recycling for Sharp consumables at no cost to our customers. This program includes cartridges, bottles, toner collection containers and drum units. Sharp encourages customers to recycle their used Sharp toner cartridges in bulk by providing them with a pre-paid recycling kit for their return to our facility.

Environmental Leadership

As a testament to our commitment to the environment, Sharp is a multi-year winner of the ENERGY STAR annual Excellence in Energy Proficiency Product Design. Sharp is also a multi-year winner of the SmartWay® Excellence Award which recognizes companies for conserving energy and lowering greenhouse gas emissions in logistics and transportation.

For more information about Sharp's environmental leadership including information about energy efficient products, electronics or toner cartridge recycling, please visit www.sharppusa.com/environment.

MX-M3071S/M3571S/M4071S SPECIFICATIONS

Main Specifications

MX-M3071S/ M3571S/M4071S	Base models include multitasking controller, 150-sheet DSPP, PCL® 6 and Adobe PostScript® 3™ printing systems, network scanning, auto duplexing, 1 x 550-sheet paper drawer, 100-sheet bypass tray.
Type	Monochrome multi-function digital document system
Display	10.1" (diagonally measured) color dot matrix high-resolution touch panel tilting display. 1,024 x 600 dots (W-SVGA)
Functions	Copy, print, network print, network scan, document filing and fax ¹
Copy System	Dry electrostatic transfer/Dual component developer/Magnetic brush development/OPC drums/Belt fusing/white LED exposure
Originals	Sheets and bound documents
Max.	11" x 17"
Original Size	
Output Size	Min. 5½" x 8½", Max. 12" x 18"
Copy Speed	30/35/40 ppm (8½" x 11")
Multiple Copy	Max. 9,999 copies
First Copy Time (In Seconds)²	Platen Glass: 4.5 DSPP: 7.4
Warm Up Time	27 seconds (from main power switch on), 14 seconds (from [Power] button on)
Magnification	25% to 400% in 1% increments (with DSPP 25%-200%)
Original Feed	150-sheet DSPP with original size detection
Scan Speed	Copy: Up to 220 ipm (Mono) Scan: Up to 220 ipm (Mono/Color)
Original Sizes	5½" x 8½", 8½" x 11", 8½" x 11" R, 8½" x 14", 11" x 17"
Paper Capacity	Standard: 650 Sheets, Maximum: 6,300 Sheets
Paper Feed System	Standard: (1) paper drawer 550 sheets (letter/legal/ledger/stmt. size) or up to 50 envelopes (max. height: 25 mm), 100-sheet (or 20 envelope) bypass tray. Optional: Single, double, or triple paper drawer(s) (550, 1,100, or 1,650 sheets), split tandem paper drawers 2,100 sheets (letter) + (1) 550-sheet paper drawer (letter/legal/ledger/statement size).
Paper Weights and Types	Paper drawers: 18 lb. bond to 110 lb. cover. Drawer 1: 20-24 lb. bond or Monarch/Com-9 envelopes. Split Tandem Drawers: 18 lb. bond to 28 lb. bond or plain, pre-printed, recycled, pre-punched, letterhead and color paper. Bypass tray: 16-28 lb. bond (plain paper), 13-16 lb. bond (thin paper), 28 lb. bond-110 lb. cover (heavy paper), tab paper (letter) and Monarch/Com-10 envelopes. Also label, gloss, preprinted, recycled, pre-punched, letterhead and color paper or OHP film.
Duplexing	Standard automatic duplex copying and printing
CPU	Up to 1.4 GHz multi-processor design
Interface	10/100/1000 Base-T Ethernet, USB 2.0: 2 host ports (front & rear), 1 device port (rear), opt. wireless 802.11 b/g/n
Memory	Standard 5 GB copy/print (shared)
Hard Disk Drive	500 GB
Copy Resolution	Scan: Up to 600 x 600 dpi Output: Up to 1200 x 1200 dpi
Copy Modes	Monochrome/Grayscale
Exposure Control Modes	Automatic, Text, Text/Photo, Text/Printed-Photo, Printed-Photo, Printed-Photo, Map, Pale-Color Document. Settings: Auto or 9 step manual
Halftone	256 gradations/2 levels (monochrome)
Copy Features	Scan-Once Print-Many, electronic sorting, offset-stacking, Auto Paper Selection (APS), Auto Magnification Selection (AMS), Auto Tray Switching (ATS), black-white reversal, blank page skip, book copy, book divide, card shot, center erase, centering, cover pages, dual page copy, edge erase, image edit, image preview, insert pages, job build, job programs, margin shift, mirror image, mixed size original, multi-page enlargement, original count, pamphlet style, proof copy, repeat layout, reserve copy, rotated copy, stamp, stamp custom image, suppress background, tab copy, tab-paper insertion, tandem copy, toner save mode, transparency inserts, watermark, 2-in-1 / 4-in-1 / 8-in-1 multi shot
Account Control	Up to 1,000 users. Supports user-number authentication via local, LDAP and Active Directory for copy, print, scan and document management

Main Specifications (continued)

Output Tray	Center Exit Tray (Main): 250 sheets (face down)
Capacity	Job Separator (Upper Tray): 100 sheets (face down) Right Side Exit Tray: 100 sheets (face down)
Cloud Supported Services	Google Drive, Box, OneDrive for Business, SharePoint Online, Dropbox, Office 365, Gmail
Network Protocols	TCP/IP (IPv4, IPv6, IPsec), HTTP/HTTPS, IPP/IPP-SSL, FTP/FTPS, SNNPv3, SMTP/SMTP-SSL, POP3/POP3-SSL, LDAP/LDAP-SSL, 802.1x for Windows and Unix.
Network and Data Security	Includes IP/MAC address filtering, protocol filtering, port control, user authentication (local/LDAP/Active Directory), TLS Encryption, Kerberos support
Firmware Management	Flash ROM with local (USB), network update capability and firmware update 1 to N with SRDM (Sharp Remote Device Manager)
Device Setup	Web-based management with user/admin level login
Service/Functions	Remote Front Panel, remote access to service logs and click counts
Accessibility Features	Free stop tilting front panel, adjustment of key touch sound and speed, concave key, document feeder free stop, job programs, remote front panel, universal grip for paper trays, disable screen timeout and voice interaction
Environmental Standards	International Energy Star Program Ver. 3.0, European RoHS, Blue Angel (RAL-UZ205)
Power Source	110-127 V AC, 60 Hz, 15 A receptacle
Power Consumption	1.5 kW or less
Weight	Approx. 159 lbs.
Dimensions	Approx. 24" (w) x 26" (d) 33" (h)
Network Printing System	
PDL	Standard PCL 6, Adobe PostScript 3
Resolution	1200 x 1200 dpi
Print Speed	30/35/40 pages per minute (8½" x 11")
Print Drivers	Windows® 7, Windows 8.1, Windows 10, Windows Server® 2008, Windows Server 2012, Windows Server 2016, Windows Server 2019, Windows PPD, Mac® OS X® (including 10.9 to 10.14), all Mac PPD, UNIX®, Linux®, Universal Print (requires Microsoft connector)
Mobile Printing¹	Android printing framework (Sharp Print Service Plugin), Sharpdesk Mobile
Print Features	Auto configuration, serverless print release, chapter inserts, confidential print, continuous printing, custom image registration, document control, document filing, duplex printing, electronic sorting, form overlay, hidden pattern print, image rotation, job bypass print, job retention, layout print, margin shift, multiple pamphlet, network tandem print, N-up printing, offset stacking, page interleave, pamphlet style, poster print, proof print, print and send, tab paper print, tab printing, transparency inserts, tray status, user authentication single sign-on, watermarks, zoom print
Direct Printing	File Types: TIFF, JPEG, PCL, PRN, TXT, PNG, PDF, Compact PDF, Encrypted PDF, PS, DOCX, XLSX and PPTX. Methods: FTP, SMB, Web page, Email and USB memory. Adobe Embedded Print Engine support for PDF file formats.
Resident Fonts	80 outline fonts (PCL), 139 fonts (PS)
Interface	RJ-45 Ethernet 10/100/1000 Base-T, USB 2.0, opt. wireless
Operating Systems and Environments	Windows 7, Windows 8, Windows 10, Windows Server 2008, Windows Server 2012, Windows Server 2016, Windows Server 2019, Chrome®, Mac OS X 10.9 to 10.14, Unix, Linux, Citrix®, and SAP device types ¹
Printing Protocols	LPR, IPP, IPPS, Raw TCP (port 9100), FTP, POP3, POP3S, HTTP, HTTPS, and LPR and LPD for Unix
Network Scanning System	
Scan Modes	Standard: Color, monochrome, grayscale
Max. Original Size	11" x 17"
Optical Resolution	600 dpi
Output Modes	600 dpi, 400 dpi, 300 dpi, 200 dpi, 150 dpi, 100 dpi
Image Compression	Monochrome Scanning: Uncompressed, G3 (MH), G4 (MR/MMR) Color/Grayscale: JPEG (high, middle, low) Internet Fax mode: MH/MMR (option) ¹

Network Scanning System (continued)

Image Formats	Monochrome: TIFF, PDF, PDF/A-1b, PDF/A-1a, Encrypted PDF, Searchable PDF, XPS, PPTX, XLXS, DOCX, TXT, RTF Color/Grayscale: TIFF, JPEG, PDF, PDF/A-1b, PDF/A-1a, Encrypted PDF, Compact PDF, Searchable PDF, XPS, PPTX, XLXS, DOCX, TXT, RTF Internet Fax: TIFF-FX, TIFF-F, TIFF-S ¹
Scan Destinations	Email, Desktop, FTP, Folder (SMB), USB, Internet fax (option), Super G3 fax (option)
One-touch Destinations	Up to 2,000 (combined scan destinations)
Group Destinations	Up to 500
Programs	48 (combined)
Max. Jobs	Up to 100
Enhanced Email Integration	Standard Gmail connector, standard Exchange connector
Scanning Protocols	HTTP/HTTPS, FTP/FTPS, SMTP/SMTP-SSL/ESMTP, SMB, POP3, LDAP, S/MIME
Software¹	Sharpdesk personal document management software, Network Scanner tool, Sharpdesk Mobile (download)
Optional Equipment	
MX-60ABD	Deluxe Copier Cabinet Base (with front door)
MX-DE25N	Stand/1 x 550-sheet Paper Drawer
MX-DE26N	Stand/2 x 550-sheet Paper Drawers
MX-DE27N	Stand/3 x 550-sheet Paper Drawers
MX-DE28N	Stand/1 x 550 + 2,100-sheet Split Tandem Paper Drawers
MX-DE29N	Low Stand/1 x 550-sheet Paper Drawer
MX-LC17N	3,000-sheet Large Capacity Cassette (letter, requires MX-DE25N/26N/27N/28N)
MX-LT10	Long Paper Feeding Tray
MX-FN27N	50-sheet Staple Inner Finisher
MX-FN28	1K Stacking 50-sheet Staple Finisher
MX-FN29	1K Stacking 50-sheet Staple/Saddle Stitch Finisher
MX-FN30	3K Stacking 65-sheet Staple Finisher
MX-FN31	3K Stacking 65-sheet Staple/Saddle Stitch Finisher
MX-RB25N	Paper Pass Unit (required for MX-FN28/29/30/31)
MX-PN14B	3-Hole Punch Unit (requires MX-FN27N)
MX-PN15B	3-Hole Punch Unit (requires MX-FN28/29)
MX-PN16B	3-Hole Punch Unit (requires MX-FN30/31)
MX-SCX1	Staple Cartridge for MX-FN27N/28
AR-SC2	Saddle-stitch Staple Cartridge for MX-FN29
MX-SC11	Staple Cartridge for MX-FN30/31
MX-SC12	Saddle-stitch Staple Cartridge for MX-FN31
MX-TR19N	Right Side Exit Tray
MX-TR20	Job Separator Tray
MX-TU16	Center Exit Tray
MX-UT10	Utility Table
MX-EB18	Wireless LAN Adapter
MX-FX15	Fax Expansion Kit
MX-FWX1L	Internet Fax Kit
MX-PF10	Bar Code Font Kit
AR-SU1	Stamp Unit (requires AR-SV1 Stamp Cartridge)
AR-SV1	Stamp Cartridge
MX-AMX1L	Application Integration Module
MX-FR64U	Data Security Kit
DVENDFSV	Generic Vendor Interface Kit
Supplies	
MX-561NT	Toner Cartridge
MX-561NV	Developer
MX-560DR	Drum
MX-609HB	Toner Collection Container

¹ Some features require optional equipment. See your local dealer.

² May vary depending on product configuration, machine settings and operating and/or environmental conditions.



SHARP ELECTRONICS CORPORATION
100 Paragon Drive, Montvale, NJ 07645
1-800-BE-SHARP • www.sharpsusa.com

Sharp, Sharp OSA, Sharpdesk, My Sharp, and all related trademarks are trademarks or registered trademarks of Sharp Corporation and/or its affiliated companies. Microsoft, Office 365, Active Directory, Windows, Windows Server, Excel, PowerPoint, OneDrive, and SharePoint are trademarks or registered trademarks of Microsoft Corporation. Android, Chrome, Gmail, Google Drive and Chromebook are trademarks or registered trademarks of Google LLC. Adobe, the Adobe logo, PostScript, and PostScript 3 are either registered trademarks or trademarks of Adobe in the United States and/or other countries. Qualcomm DirectOffice is a product of Qualcomm Technologies, Inc. and/or its subsidiaries. Qualcomm is a trademark of Qualcomm Incorporated, registered in the United States and other countries. DirectOffice is a trademark of CSR Imaging US, LP, registered in the United States and other countries, used with permission. Amazon, Alexa, and all related logos and motion marks are trademarks of Amazon.com, Inc. or its affiliates. All other trademarks are the property of their respective owners. Design and specifications subject to change without notice.

SHARP®

ADVANCED SERIES MONOCHROME DOCUMENT SYSTEMS



MX-M5071S
MX-M6071S



"Most Reliable Monochrome
Copier MFP Brand 2018-2021"



"2019 Copier MFP Line of the Year"
"New to the Line"

The Sharp Monochrome Advanced Series document systems deliver cutting-edge integration and powerful productivity.

DESIGNED FOR THE TECHNOLOGY-DRIVEN WORKPLACE

advanced

The Sharp MX-M5071S and MX-M6071S Advanced Series monochrome document systems are built using the latest technology available to deliver the performance, features and reliability needed in today's busy workplace environments. These MFPs are also easy to use and offer enhanced productivity, all to provide customers with a seamless, intuitive experience, and the confidence in knowing their jobs will come out right the first time, every time. The Monochrome Advanced Series also offers leading-edge security features to help businesses protect their data and personal information.

Key Features

- **Ease of Use** – Award-winning touchscreen display offers a user-friendly graphical interface with simplified Easy Modes, integrated user guides and quick access to network services. With the Sharp **MFP Voice** feature available for these models, you can interact with the machine with the power of natural language.
- **Productive Features** – Standard full multifunction capability out-of-box, including copying, network printing and color network scanning. Adobe Embedded Print Engine technology direct prints PDF files from a variety of sources with greater performance and rendering accuracy.
- **Workplace Friendly** – Integrates seamlessly with today's complex network environments, and supports popular cloud services and mobile technologies. The Sharp **Application Portal** enables administrators to easily add new apps or update existing apps right from the MFP.

The MX-M5071S and MX-M6071S Monochrome Advanced Series offers businesses powerful multitasking features, enabling them to quickly execute the ever-changing workflow tasks of today's busy office environments.



POWERED BY
Adobe Embedded Print Engine

POWERFUL PERFORMANCE, STRONG PRODUCTIVITY



An advanced design plus multifunctional capability allow you to meet tomorrow's business needs today.

- Standard 150-sheet **duplexing single-pass document feeder** scans documents at speeds up to 220 images per minute (ipm).
- **Flexible paper handling** supports media up to 110 lb. cover (300 gsm) and feeds up to 12" x 18" through the paper trays, allowing users to print on a wide variety of media.
- Available Sharp **MFP Voice** feature enables users to control the device with simple verbal commands. Experience hands-free, voice-first interaction with **Amazon Alexa**.
- Network-ready **PCL® 6** and **Adobe® PostScript® 3™** printing systems ensure your documents print with the clarity and formatting you expect.
- Easily **convert documents** to popular Microsoft® file formats, as well as a variety of PDF formats, with standard OCR (optical character recognition) capabilities.

EASY TO USE

PRODUCTIVE FEATURES

WORKPLACE FRIENDLY



"PaceSetter Award in
Ease of Use 2018–2019"



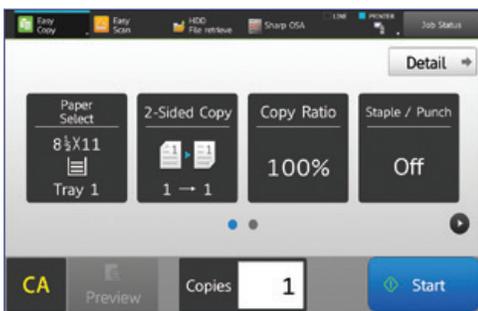
- Award-winning 10.1" (diagonal) **customizable touchscreen display** with a clean design enables easy access to features and functions when setting up jobs.
- **Built-in walk-up motion sensor** automatically detects approaching users and immediately wakes the machine, making it ready for use within seconds.
- Optional **wireless networking** feature can connect directly to your network or to mobile devices for convenient scanning and printing with the **Sharpdesk® Mobile App**.
- Access popular cloud services, such as Microsoft OneDrive™ for Business, SharePoint® Online, Google Drive™, Dropbox and more with the Sharp **Cloud Connect** feature.
- **Multi-layered, leading-edge security features** provide enhanced protection while an End-of-Lease feature can erase all data and personal information at time of trade-in.



Built-in retractable keyboard simplifies email address and subject line entries as well as repetitive scanning tasks and user authentication.



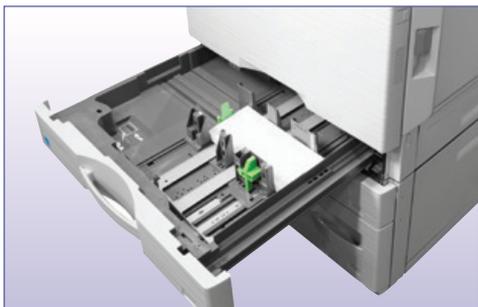
ENHANCED FUNCTIONALITY – INTUITIVE DESIGN



Easy Copy Screen offers the most commonly used settings.



MX-M6071S shown in both a compact configuration with inner finisher and full configuration with saddle stitch finisher and large capacity cassette.



Feeds up to 50 envelopes from the standard paper tray.

From paper handling to networking, the MX-M5071S and MX-M6071S Monochrome Advanced Series will exceed your expectations.

Simple and Intuitive Operation

From the most basic of copy functions, to the most complex scan jobs, the Monochrome Advanced Series will perform them with ease and efficiency. Use one of the **Easy Modes** for fast, simple operation, with basic functions displayed in **large, clearly-labeled tiles** and keys. Easy Modes are available for the standard copy and scan functions, as well as for the optional fax expansion kit. And for more advanced features, just touch the “Detail” button—it’s that easy.

The Productivity You Need with the Performance You Want

When it’s time to get the job done, the Advanced Series monochrome document systems are outstanding performers. Quickly scan documents at speeds up to **220 ipm**. Then use the **manual stapling feature** on select finishers to restaple your originals. **Multiple finishing options** give you the output you require, be it stacked, stapled, or saddle-stitched. There’s even an available built-in **stapleless finishing** feature, which can bind up to five sheets of paper by adding a crimp to the corner of the set, saving regular staples for larger sets. These models also feed up to 50 envelopes from the standard paper tray.*

Experience Hands-free, Voice-first Interaction at the MFP with Alexa

Sharp has always been known for enhancing MFP productivity in the workplace by offering innovative, easy-to-use features. Sharp has done it again with the **MFP Voice feature** available for the Monochrome Advanced Series document systems. With the Sharp MFP Voice feature, you can interact with the machine just by using the power of natural language. With simple voice commands, you can ask the Sharp document system to make copies or scan a document.



“Alexa, ask Sharp Copier to scan to me.”



MX-M6071S shown with available Sharp MFP Voice feature with Alexa.

*See specifications for a list of supported envelopes.

HIGH IMPACT VERSATILITY AND SCALABILITY

The MX-M5071S and MX-M6071S Advanced Series monochrome document systems provide high-performance functionality that easily adapts to your business needs.

innovative features

Duplexing Single Pass Feeder (DSPF)

Standard 150-sheet dual head document feeder scans both sides of a document in a single pass, and a built-in indicator light flashes to remind you to take your originals.

Convenient Mobile Connectivity

Scanning and printing from mobile devices is made quick and easy with the available Sharpdesk Mobile App.

Easy-to-Use Smart Touchscreen

Award-winning, tablet-style menu provides quick access to features and functions.

High Quality Printing

1,200 x 1,200 dpi resolution produces razor-sharp documents. Adobe PostScript 3 drivers offer extensive job control.

Built-in Retractable Keyboard

Full-size QWERTY keyboard enables easy data entry.

Hands-free Operation

The available MFP Voice feature enables users to control the device using simple verbal commands with Alexa.

In-line Stapling

Produce professional-looking corner-staple or edge-staple documents up to 65 pages.

Walk-up Motion Sensor

Detects walk-up users and wakes the machine from sleep mode, making it ready for use within seconds.

Manual Stapler

Manual stapling feature makes it easy to re-staple originals after scanning.

100-sheet Bypass Tray

Manual bypass tray feeds envelopes, OHP film, glossy paper, as well as paper up to 300 gsm.

Saddle Stitch Finishers

Make high quality booklets up to 80 pages.

Multi-layered Security Features

Leading-edge security features provide enhanced protection of data and personal information and helps protect against network intrusions.

Easily Access Popular Cloud Applications

With the available Cloud Connect feature, users gain access to Microsoft OneDrive, Google Drive, Dropbox and more. The Sharp Application Portal makes it easy for administrators to add or update apps right from the MFP control panel.

Advanced Finishing

Sharp gives you a choice of five high-performance finishers to give your documents a professional look. Choose from a compact inner finisher to a high capacity, floor-standing saddle stitch finisher.

Flexible Paper Handling

Paper drawers feed up to 12" x 18" and support media up to 300 gsm. Also feeds up to 50 envelopes through the standard paper tray.* A variety of paper tray options are available, including a large capacity cassette and split tandem paper drawers.

Large Capacity Cassette

Large capacity cassette option adds an additional 3,000 sheets of paper for a total on-line capacity of up to 6,300 sheets.

* See specifications for a list of supported envelopes.

ENHANCED COLLABORATION FOR STREAMLINED WORKFLOWS



Access popular cloud applications, distribute files and print documents more easily.



Scan and convert documents to popular file types seamlessly with the Sharp built-in OCR function.



Standard Serverless Print Release enables users to securely print a job and release it from up to six supported models on the same network.

Powerful document workflow solutions help you work more efficiently.

Distribute, Access and Print Your Documents with Ease

Sharp makes it easy to go beyond traditional network scanning with standard **Email Connect** and **Cloud Connect** features. With **Email Connect**, scan to email is seamlessly integrated with Microsoft Exchange/Office 365[®] and Gmail[™] user accounts, making it easy to identify the sender of scanned files. With Cloud Connect, users can easily scan-to and print-from **Microsoft OneDrive for Business, SharePoint Online, Google Drive, Box and Dropbox**. And with the Sharp Application Portal, administrators can **easily add new apps** and update existing apps right from the MFP touchscreen panel.



Scan and Print Files Easily from Mobile Devices

The Advanced Series monochrome document systems also make it easy to scan and print files from tablets and smart phones using **Sharpdesk Mobile**, a free downloadable app available for most mobile devices.* These models also support popular mobile technologies such as **Android™ print framework**. With optional **wireless networking**, users can also print directly to the MFP from mobile devices without interfering with the corporate network!

Simplify Managing Different File Types with Intelligent Image Processing

With standard OCR capabilities, users can easily scan and convert documents to popular file formats including Microsoft Word, PowerPoint and Excel, as well as Searchable PDF, Encrypted PDF and others. You can even directly print these same file types from thumb drives, cloud applications and mobile devices. This function is enabled via Qualcomm DirectOffice technology. These models also support **Adobe Embedded Print Engine**, which direct prints PDF files from a variety of sources with greater performance and rendering accuracy.

Flexible Printing Solutions Help Maximize Productivity

Standard PCL 6 and Adobe PostScript 3 printing systems to help you speed through all of your output needs. Sharp's **Serverless Print Release** feature enables users to securely print a job and release it from up to six supported models on your network.* Microsoft Universal Print eliminates the need for on-premises infrastructure, and enables IT to manage printers directly through a centralized portal.

Simplify Complex Business Workflows with Sharp OSA[®] Technology

Sharp OSA technology can help your business leverage the power of your network applications, back-end systems and cloud services. Easily automate complex processes and help eliminate redundant tasks. Talk to your authorized Sharp dealer to see how they can help you implement a streamlined workflow solution.



*Go to www.sharppusa.com for a list of supported equipment and operating systems.

TAKING CARE OF BUSINESS SAFELY AND SECURELY

Manage your device, help safeguard your data, help protect your business.

To help protect employees' privacy and intellectual property, the Monochrome Advanced Series is armed with leading-edge, **multi-layered security features**, including **Firmware Attack Prevention and Self Recovery**, which can help identify a malicious intrusion and restore the machine firmware to its original state. The **Application Whitelisting** feature detects access attempts to the machine file system and denies access if the source data is not on the whitelist. **Authority Groups** help manage and restrict copying, printing and scanning features to safeguard data and control costs. Administrators can also apply **Active Directory® Group Policy** to the device, which offers centralized configuration and control. **Confidential Printing** helps ensure sensitive documents are kept safe by requiring users to enter a PIN code to print them. These models also support Active Directory user authentication and secure **Single Sign-On**. **Integrated ID card authentication** is also available.* When you are ready to trade the machine in, a convenient **End-of-Lease** feature can erase all data and personal information, as well as print a confirmation report.



These scalable security offerings aim to help protect your confidential and personal information, as well as help your business meet regulatory requirements. For additional information visit: www.sharppusa.com/security.

**Some features require optional equipment and/or software.*



With **Sharp Remote Device Manager (SRDM)**, administrators can take control of system features and simplify installation and management. SRDM makes it easy to view service logs, click counts, history reports and more. Event-driven service alerts help monitor the device and maximize uptime. The centrally managed **security dashboard** monitors security settings and can automatically reset the security policy if changed locally at the machine. Also, **Centralized Admin Password Management** and **Centralized Power Management** make it easy to deploy changes when needed. The **Remote Front Panel** feature enables administrators to control the machine's LCD panel from a PC to troubleshoot issues and train operators. Sharp also offers both **built-in** and additional **auditing hardware and software to control, access and track usage** of each device on the network.* And with **My Sharp™**, you get a dedicated training website customized to your Advanced Series model to help you understand all of the features.



ENVIRONMENTAL COMMITMENT



An Environmentally Responsible Approach to Product Design

Sharp is committed to environmental sustainability and corporate responsibility including planning, design, manufacturing, distribution and product end-of-life management. The Monochrome Advanced Series adhere to the Sharp Green Products Guidelines in pursuit of these commitments. These guidelines include designing products that consume less power, using recycled materials, reducing the amount of material used in products and packaging, and labeling the type of materials used. Sharp also aims to design products that are upgradable, easy to repair and easy to take apart for recycling.

The MX-M5071S and MX-M6071S document systems are ENERGY STAR® qualified and RoHS compliant to restrict the use of hazardous substances. These products also have low TEC values. Sharp MFPs are EPEAT® registered.



Toner Recycling Program

As part of our commitment to help preserve the environment, Sharp offers zero-waste-to-landfill recycling for Sharp consumables at no cost to our customers. This program includes cartridges, bottles, toner collection containers and drum units. Sharp encourages customers to recycle their used Sharp toner cartridges in bulk by providing them with a pre-paid recycling kit for their return to our facility.

Environmental Leadership

As a testament to our commitment to the environment, Sharp is a multi-year winner of the ENERGY STAR annual Excellence in Energy Proficiency Product Design. Sharp is also a multi-year winner of the SmartWay® Excellence Award which recognizes companies for conserving energy and lowering greenhouse gas emissions in logistics and transportation.

For more information about Sharp's environmental leadership including information about energy efficient products, electronics or toner cartridge recycling, please visit www.sharppusa.com/environment.

MX-M5071S/M6071S SPECIFICATIONS

Main Specifications

MX-M5071S/ M6071S	Base models include multitasking controller, 150-sheet DSPP, PCL 6 and Adobe PostScript® 3™ printing systems, network scanning, auto duplexing, 1 x 550-sheet paper drawer, 100-sheet bypass tray.	
Type	Monochrome multi-function digital document system	
Display	10.1" (diagonally measured) color dot matrix high-resolution touch panel tilting display. 1,024 x 600 dots (W-SVGA)	
Functions	Copy, print, network print, network scan, document filing and fax ¹	
Copy System	Dry electrostatic transfer/Dual component developer/Magnetic brush development/OPC drums/Belt fusing/white LED exposure	
Originals	Sheets and bound documents	
Max. Original Size	11" x 17"	
Output Size	Min. 5½" x 8½", Max. 12" x 18"	
Copy Speed	50/60 ppm (8½" x 11")	
Multiple Copy	Max. 9,999 copies	
First Copy Time (In Seconds)²	MX-M5071S	MX-M6071S
	Platen Glass	3.7
	DSPP	6.6
Warm Up Time	MX-M5071S: 29 seconds (from main power switch on), 16 seconds (from [Power] button on) MX-M6071S: 31 seconds (from main power switch on), 18 seconds (from [Power] button on)	
Magnification	25% to 400% in 1% increments (with DSPP 25%-200%)	
Original Feed	150-sheet DSPP with original size detection	
Scan Speed	Copy: Up to 220 ipm (Mono) Scan: Up to 220 ipm (Mono/Color)	
Original Sizes	5½" x 8½", 8½" x 11", 8½" x 11" R, 8½" x 14", 11" x 17"	
Paper Capacity	Standard: 650 Sheets, Maximum: 6,300 Sheets	
Paper Feed System	Standard: (1) paper drawer 550 sheets (letter/legal/ledger/stmt. size) or up to 50 envelopes (max. height: 25 mm), 100-sheet (or 20 envelope) bypass tray. Optional: Single, double, or triple paper drawer(s) (550, 1,100, or 1,650 sheets), split tandem paper drawers 2,100 sheets (letter) + (1) 550-sheet paper drawer (letter/legal/ledger/statement size).	
Paper Weights and Types	Paper drawers: 18 lb. bond to 110 lb. cover. Drawer 1: 20-24 lb. bond or Monarch/Com-9 envelopes. Split Tandem Drawers: 18 lb. bond to 28 lb. bond or plain, pre-printed, recycled, pre-punched, letterhead and color paper. Bypass tray: 16-28 lb. bond (plain paper), 13-16 lb. bond (thin paper), 28 lb. bond-110 lb. cover (heavy paper), tab paper (letter) and Monarch/Com-10 envelopes. Also label, gloss, preprinted, recycled, pre-punched, letterhead and color paper or OHP film.	
Duplexing	Standard automatic duplex copying and printing	
CPU	Up to 1.4 GHz multi-processor design	
Interface	10/100/1000 Base-T Ethernet, USB 2.0: 2 host ports (front & rear), 1 device port (rear), opt. wireless 802.11 b/g/n	
Memory	Standard 5 GB copy/print (shared)	
Hard Disk Drive	500 GB	
Copy Resolution	Scan: Up to 600 x 600 dpi Output: Up to 1200 x 1200 dpi	
Copy Modes	Monochrome/Grayscale	
Exposure Control Modes	Automatic, Text, Text/Photo, Text/Printed-Photo, Printed-Photo, Printed-Photo, Photo, Map, Pale-Color Document. Settings: Auto or 9 step manual	
Halftone	256 gradations/2 levels (monochrome)	
Copy Features	Scan-Once Print-Many, electronic sorting, offset-stacking, Auto Paper Selection (APS), Auto Magnification Selection (AMS), Auto Tray Switching (ATS), black-white reversal, blank page skip, book copy, book divide, card shot, center erase, centering, cover pages, dual page copy, edge erase, image edit, image preview, insert pages, job build, job programs, margin shift, mirror image, mixed size original, multi-page enlargement, original count, pamphlet style, proof copy, repeat layout, reserve copy, rotated copy, stamp, stamp custom image, suppress background, tab copy, tab-paper insertion, tandem copy, toner save mode, transparency inserts, watermark, 2-in-1 / 4-in-1 / 8-in-1 multi shot	
Account Control	Up to 1,000 users. Supports user-number authentication via local, LDAP and Active Directory for copy, print, scan and document management	

Main Specifications (continued)

Output Tray Capacity	Center Exit Tray (Main): 250 sheets (face down) Job Separator (Upper Tray): 100 sheets (face down) Right Side Exit Tray: 100 sheets (face down)
Cloud Supported Services	Google Drive, Box, OneDrive for Business, SharePoint Online, Dropbox, Office 365, Gmail
Network Protocols	TCP/IP (IPv4, IPv6, IPsec), HTTP/HTTPS, IPP/IPP-SSL, FTP/FTPS, SNNPv3, SMTP/SMTP-SSL, POP3/POP3-SSL, LDAP/LDAP-SSL, 802.1x for Windows and Unix.
Network and Data Security	Includes IP/MAC address filtering, protocol filtering, port control, user authentication (local/LDAP/Active Directory), TLS Encryption, Kerberos support
Firmware Management	Flash ROM with local (USB), network update capability and firmware update 1 to N with SRDM (Sharp Remote Device Manager)
Device Setup	Web-based management with user/admin level login
Service/Functions	Remote Front Panel, remote access to service logs and click counts
Accessibility Features	Free stop tilting front panel, adjustment of key touch sound and speed, concave key, universal feeder free stop, job programs, remote front panel, download grid for paper trays, disable screen timeout and voice interaction
Environmental Standards	International Energy Star Program Ver. 3.0, European RoHS, Blue Angel (RAL-UZ205)
Power Source	110-127 V AC, 60 Hz, 15 A receptacle
Power	1.5 kW or less
Consumption	
Weight	Approx. 159 lbs.
Dimensions	Approx. 24" (w) x 26" (d) 33" (h)
Network Printing System	
PDL	Standard PCL 6, Adobe PostScript 3
Resolution	1200 x 1200 dpi
Print Speed	50/60 pages per minute (8½" x 11")
Print Drivers	Windows® 7, Windows 8.1, Windows 10, Windows Server® 2008, Windows Server 2012, Windows Server 2016, Windows Server 2019, Windows PPD, Mac® OS X® (including 10.9 to 10.14), all Mac PPD, UNIX®, Linux®, Universal Print (requires Microsoft connector)
Mobile Printing¹	Android printing framework (Sharp Print Service Plugin), Sharpdesk Mobile
Print Features	Auto configuration, serverless print release, chapter inserts, confidential print, continuous printing, custom image registration, document control, document filing, duplex printing, electronic sorting, form overlay, hidden pattern print, image rotation, job bypass print, job retention, layout print, margin shift, multiple pamphlet, network tandem print, N-up printing, offset stacking, page interleave, pamphlet style, poster print, proof print, print and send, tab paper print, tab printing, transparency inserts, tray status, user authentication single sign-on, watermarks, zoom print
Direct Printing	File Types: TIFF, JPEG, PCL, PRN, TXT, PNG, PDF, Compact PDF, Encrypted PDF, PS, DOCX, XLSX and PPTX. Methods: FTP, SMB, Web page, Email and USB memory. Adobe Embedded Print Engine support for PDF file formats.
Resident Fonts	80 outline fonts (PCL), 139 fonts (PS)
Interface	RJ-45 Ethernet 10/100/1000 Base-T, USB 2.0, opt. wireless
Operating Systems and Environments	Windows 7, Windows 8, Windows 10, Windows Server 2008, Windows Server 2012, Windows Server 2016, Windows Server 2019, Chrome®, Mac OS X 10.9 to 10.14, Unix, Linux, Citrix®, and SAP device types ³
Printing Protocols	LPR, IPP, IPPS, Raw TCP (port 9100), FTP, POP3, POP3S, HTTP, HTTPS, and LPR and LPD for Unix
Network Scanning System	
Scan Modes	Standard: Color, monochrome, grayscale
Max. Original Size	11" x 17"
Optical Resolution	600 dpi
Output Modes	600 dpi, 400 dpi, 300 dpi, 200 dpi, 150 dpi, 100 dpi
Image	Monochrome Scanning: Uncompressed, G3 (MH), G4 (MR/MMR)
Compression	Color/Grayscale: JPEG (high, middle, low) Internet Fax mode: MH/MMR (option) ⁴

Network Scanning System (continued)

Scan Destinations	Email, Desktop, FTP, Folder (SMB), USB, Internet fax (option), Super G3 fax (option)
Image Formats	Monochrome: TIFF, PDF, PDF/A-1b, PDF/A-1a, Encrypted PDF, Searchable PDF, XPS, PPTX, XLSX, DOCX, TXT, RTF Color/Grayscale: TIFF, JPEG, PDF, PDF/A-1b, PDF/A-1a, Encrypted PDF, Compact PDF, Searchable PDF, XPS, PPTX, XLSX, DOCX, TXT, RTF Internet Fax: TIFF-FX, TIFF-F, TIFF-S ¹
One-touch Destinations	Up to 2,000 (combined scan destinations)
Group Destinations	Up to 500
Programs	48 (combined)
Max. Jobs	Up to 100
Enhanced Email Integration	Standard Gmail connector, standard Exchange connector
Scanning Protocols	HTTP/HTTPS, FTP/FTPS, SMTP/SMTP-SSL/ESMTP, SMB, POP3, LDAP, S/MIME
Software¹	Sharpdesk personal document management software, Network Scanner tool, Sharpdesk Mobile (download)
Optional Equipment	
MX-60ABD	Deluxe Copier Cabinet Base (with front door)
MX-DE25N	Stand/1 x 550-sheet Paper Drawer
MX-DE26N	Stand/2 x 550-sheet Paper Drawers
MX-DE27N	Stand/3 x 550-sheet Paper Drawers
MX-DE28N	Stand/1 x 550 + 2,100-sheet Split Tandem Paper Drawers
MX-DE29N	Low Stand/1 x 550-sheet Paper Drawer
MX-LC17N	3,000-sheet Large Capacity Cassette (letter, requires MX-DE25N/26N/27N/28N)
MX-LT10	Long Paper Feeding Tray
MX-FN27N	50-sheet Staple Inner Finisher
MX-FN28	1K Stacking 50-sheet Staple Finisher
MX-FN29	1K Stacking 50-sheet Staple/Saddle Stitch Finisher
MX-FN30	3K Stacking 65-sheet Staple Finisher
MX-FN31	3K Stacking 65-sheet Staple/Saddle Stitch Finisher
MX-RB25N	Paper Pass Unit (required for MX-FN28/29/30/31)
MX-PN14B	3-Hole Punch Unit (requires MX-FN27N)
MX-PN15B	3-Hole Punch Unit (requires MX-FN28/29)
MX-PN16B	3-Hole Punch Unit (requires MX-FN30/31)
MX-SCX1	Staple Cartridge for MX-FN27N/28
AR-SC2	Saddle-stitch Staple Cartridge for MX-FN29
MX-SC11	Staple Cartridge for MX-FN30/31
MX-SC12	Saddle-stitch Staple Cartridge for MX-FN31
MX-TR19N	Right Side Exit Tray
MX-TR20	Job Separator Tray
MX-TU16	Center Exit Tray
MX-UT10	Utility Table
MX-EB18	Wireless LAN Adapter
MX-FX15	Fax Expansion Kit
MX-FWX1L	Internet Fax Kit
MX-PF10	Bar Code Font Kit
AR-SU1	Stamp Unit (requires AR-SV1 TAMP Cartridge)
AR-SV1	Stamp Cartridge
MX-AMX1L	Application Integration Module
MX-FR64U	Data Security Kit
DVENDFSV	Generic Vendor Interface Kit
Supplies	
MX-561NT	Toner Cartridge
MX-561NV	Developer
MX-560DR	Drum
MX-609HB	Toner Collection Container

¹ Some features require optional equipment. See your local dealer.

² May vary depending on product configuration, machine settings and operating and/or environmental conditions.



SHARP ELECTRONICS CORPORATION
100 Paragon Drive, Montvale, NJ 07645
1-800-BE-SHARP • www.sharpsusa.com

Sharp, Sharp OSA, Sharpdesk, My Sharp, and all related trademarks are trademarks or registered trademarks of Sharp Corporation and/or its affiliated companies. Microsoft, Office 365, Active Directory, Windows, Windows Server, Excel, PowerPoint, OneDrive, and SharePoint are trademarks or registered trademarks of Microsoft Corporation. Android, Chrome, Gmail, Google Drive and Chromebook are trademarks or registered trademarks of Google LLC. Adobe, the Adobe logo, PostScript, and PostScript 3 are either registered trademarks or trademarks of Adobe in the United States and/or other countries. Qualcomm DirectOffice is a product of Qualcomm Technologies, Inc. and/or its subsidiaries. Qualcomm is a trademark of Qualcomm Incorporated, registered in the United States and other countries. DirectOffice is a trademark of CSR Imaging US, LP, registered in the United States and other countries, used with permission. Amazon, Alexa, and all related logos and motion marks are trademarks of Amazon.com, Inc. or its affiliates. All other trademarks are the property of their respective owners. Design and specifications subject to change without notice.

SHARP®

HIGH-SPEED MONOCHROME DOCUMENT SYSTEMS



MX-M6570 MX-M7570



"2019 Copier MFP Line of the Year"

The Sharp high-speed monochrome document systems deliver leading-edge integration and powerful productivity.

THE NEW BENCHMARK OF INNOVATION

productive

The Sharp MX-M6570 and MX-M7570 high-speed monochrome document systems offer crisp, high quality output at speeds up to 75 pages per minute coupled with exceptional ease of use. These new models are designed to provide customers with a seamless, intuitive experience, and the confidence in knowing their jobs will come out right the first time, every time. These new document systems focus on user operability and draw inspiration from the latest networking and imaging technologies available today, all to create a document system that delivers the productivity you need, with the reliable performance you want.

Key Features

- **Ease of Use** – Sharp's customizable touchscreen display offers a user-friendly graphical interface with a clean design, simplified Easy Modes and integrated operation guides.
- **Integration** – Equipped with the latest version of Sharp OSA® technology for easy integration with network applications and cloud services, these models can unlock advanced capabilities to help you better manage your workflow.
- **Productivity** – An integrated walk-up motion sensor and an easy-to-use graphical interface combine with a fast warm up time to create a workflow experience with virtually no waiting time.

The MX-M6570 and MX-M7570 monochrome document systems offer customers powerful multitasking features enabling them to quickly execute the ever-changing workflow tasks of today's busy office environments. And with Sharp's multi-layered Security Suite, these new models can help protect your data and personal information from the first day of operation to the time of trade-in.



"Most Reliable Monochrome Copier MFP Brand 2018-2021"

DESIGNED TO DELIVER PERFORMANCE AND PRODUCTIVITY



An advanced design plus multifunctional capability allow you to meet tomorrow's workflow needs today.

- Automatic **walk-up motion sensor** wakes the machine, and it's ready within seconds.
- **3,200-sheet** standard paper capacity **expandable to 6,700 sheets** with options.
- Large 10.1" (diagonally measured) **customizable touchscreen display** with a clean design enables easy access to features and functions.

EASY-TO-USE DESIGN

ENHANCED INTEGRATION WITH STANDARD WIRELESS CAPABILITY

HIGH PRODUCTIVITY

VERSATILE FINISHING CAPABILITIES



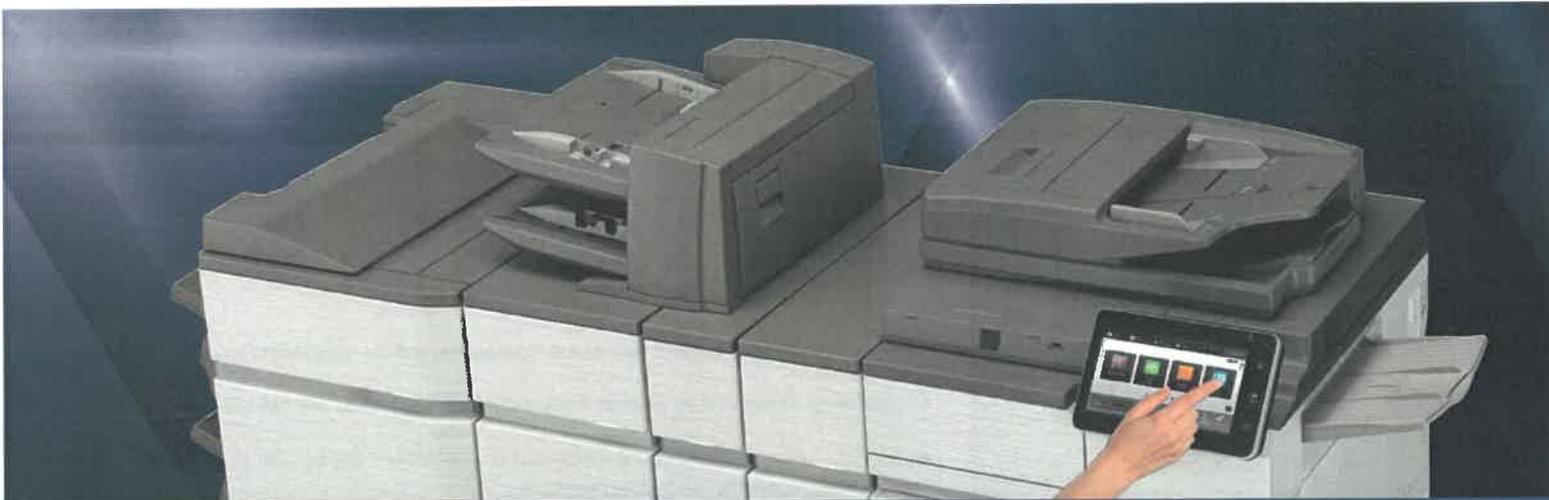
"PaceSetter Award in
Ease of Use 2018-2019"



- Sharp's **Easy Connect** feature makes it simple to print or scan with mobile devices using the free **Sharpdesk® Mobile** app.
- Built-in **Optical Character Recognition (OCR)** function can convert scanned documents to text searchable PDF format, Microsoft® Office file formats, and others.
- Easily **access popular cloud applications**, including Microsoft OneDrive® for Business, SharePoint® Online, Google Drive™ and more with Sharp's Cloud Connect features.
- Direct print **Microsoft Word, PowerPoint® and Excel®** files from thumb drives, cloud applications, network folders and more. This function is enabled via **DirectOffice™** technology.
- **Standard security platform** includes 256-bit encryption, up to 10-times data overwrite and an End-of Lease feature that erases all data and personal information at trade-in.
- Standard **150-sheet duplexing document feeder** scans both sides of a document in a single pass at speeds up to **200 images per minute (ipm)**, increasing reliability and productivity.



Built-in retractable keyboard simplifies email address and subject line entries as well as repetitive scanning tasks and user authentication.



ADVANCED FUNCTIONALITY – INTUITIVE DESIGN



Easy Copy Screen offers the most commonly used settings.



Standard Copy Screen offers more advanced features.



Built-in wireless network interface for convenient scanning and printing from mobile devices.

From paper handling to networking, the MX-M6570 and MX-M7570 high-speed monochrome document systems will exceed your expectations.

Simple and Intuitive Operation

From the most basic of copy functions, to the most complex scan jobs, these models will perform them with ease and efficiency. Walk up to the control panel, and the machine senses you approaching and **automatically wakes up**. Within seconds from the time you place your originals in the feeder and select your settings, it's ready to print. Use one of the **Easy Modes** for fast, simple operation, with basic functions displayed in **large, clearly-labeled tiles** and keys. And for more advanced features, just touch the "Details" button – it's that easy.

A "Well-connected" Device

Connecting a multifunction printer (MFP) to your wireless network and accessing it from mobile devices has never been so easy with the standard wireless networking features found on the MX-M6570 and MX-M7570. Print-from or scan-to popular cloud services such as **Box, Microsoft OneDrive for Business, SharePoint Online, and Google Drive** with Sharp's **Cloud Connect** feature. **Single Sign-on (SSO)** support for accessing these services makes scan-to-folder and scan-to-email operations simpler than ever. Even printing from your desktop is made easier with Sharp's **Serverless Print Release** function. Easily send a job to one device, and print it on another when and where it's most convenient for you.

The Productivity You Need, the Performance You Want

When it's time to get the job done, the MX-M6570 and MX-M7570 monochrome document systems are outstanding performers. Quickly scan documents at speeds up to **200 images per minute**. Built-in optical character recognition (OCR) can convert your scanned documents into **text-searchable PDFs** or **Microsoft Office** file formats, simplifying your workflow. Use the **manual stapling feature** on select finishers to restaple your originals. **Multiple finishing options** give you the output you require, be it stacked, stapled or saddle-stitched. There's even an available built-in **stapleless finishing** feature, which can bind up to five sheets of paper by adding a crimp to the corner of the set, saving regular staples for larger sets.



MX-M7570 shown with compact inner finisher.



MX-M7570 shown with 3K saddle stitch finisher and large capacity cassette.

HIGH IMPACT VERSATILITY AND SCALABILITY

The MX-M6570 and MX-M7570 high-speed monochrome document systems provide high-performance functionality adaptable to your business needs.

innovative features

High Quality Printing

1200 x 1200 dpi resolution produces razor-sharp documents. Genuine Adobe® PostScript® 3™ drivers offer extensive job control.

Duplexing Single Pass Feeder (DSPF)

Standard 150-sheet dual head document feeder scans both sides of a document in a single pass at speeds up to 200 IPM.

Advanced Network Scanning

Sharp's ImageSEND™ feature provides one-touch distribution to email, network folders, cloud applications and more.

Compact PDF

Standard compact PDF feature dramatically reduces the file size of most color scanned documents.

Easy-to-Use Smart Touchscreen

Tablet-style menu provides quick access to features and functions.

In-line Stapling

Produce professional-looking corner-staple or edge-staple documents up to 100 pages.

Manual Stapler

Available manual stapling feature makes it easy to re-staple originals after scanning.

Saddle Stitch Finishers

Make high quality saddle stitch booklets up to 80 pages long.

Advanced Finishing

Sharp gives you a choice of five high-performance finishers to give your documents a professional look. Choose from a compact inner finisher to a high capacity, floor-standing saddle stitch finisher.

Multi-folding Unit

Provides a variety of folds including z-fold, c-fold, accordion-fold, double-fold and half-fold.

Large Capacity Cassette

Available large capacity cassettes add an additional 3,000 to 3,500 sheets of paper for a total on-line capacity of up to 6,700 sheets.

Built-in Retractable Keyboard

Full-size QWERTY keyboard enables easy data entry.

Walk-up Motion Sensor

Detects walk-up users and wakes the machine from sleep mode, making it ready for use.

On-board Document Storage

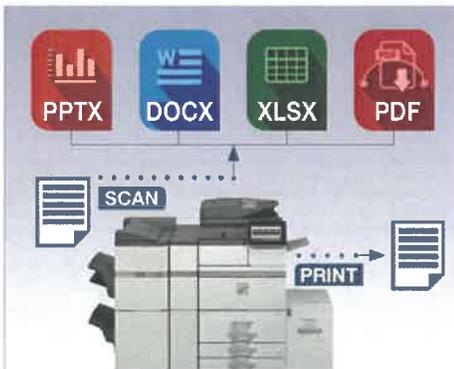
Sharp's easy-to-use Document Filing System enables users to store frequently used files.

Enhanced Security Features

256-bit data encryption with up to 10-times data overwrite, as well as Sharp's convenient End-of-Lease feature.



ENHANCED COLLABORATION FOR STREAMLINED WORKFLOWS



Scan and convert documents to popular file formats seamlessly with Sharp's built-in OCR function.



Distribute, access and print documents more easily.



With Serverless Print Release you can securely print a job and release it from up to six supported models (including host).

Powerful document workflow solutions help you work more efficiently.

Simplify Managing Different File Types with Intelligent Image Processing

Easily scan and **convert documents** to popular file formats including **Microsoft Word**, **PowerPoint** and **Excel**, as well as a variety of **PDF formats** such as Searchable PDF, Encrypted PDF, Compact PDF and others. You can also direct print these same file types from thumb drives, cloud applications and mobile devices. This function is enabled via **DirectOffice™** technology. With this much flexibility, you can speed through your workflow tasks faster than ever!

Distribute, Access and Print Your Documents with Ease

Sharp makes it easy to send documents to the destinations you need, and goes beyond traditional network scanning with standard **Email Connect** and **Cloud Connect** features. With Email Connect, scan to email is seamlessly integrated with Microsoft Exchange and Gmail™. With Cloud Connect, you can easily print from and scan to **Box**, **Microsoft OneDrive for Business**, **SharePoint Online** and **Google Drive** without additional middleware.

Scan and Print Files Easily from Mobile Devices

These high-speed monochrome document systems also make it easy to print and scan with tablets and smartphones using the free **Sharpdesk Mobile** app. Sharp's **Easy Connect** feature quickly identifies most mobile devices via NFC or QR Code.¹ The MX-M6570 and MX-M7570 models also support popular mobile technologies such as **AirPrint®**, **Android™ print framework** and **Google Cloud Print™**.² You can print locally from your device or download files from supported cloud applications. Since these new models can connect to mobile devices through a **point-to-point wireless connection**, there is no interference with your corporate network.

Flexible Printing Solutions Help Speed Up Your Office Productivity

The MX-M6570 and MX-M7570 come standard with **genuine Adobe PostScript 3** and **PCL6** printing systems to help you speed through all of your output needs with accuracy. To help streamline your jobs, these powerful performers include **Serverless Print Release**, enabling you to securely print a job and release it from up to six supported models (including host) on your network. And with Google Cloud Print web printing service, you can print from Chromebook™ notebook computers, PCs and more from virtually anywhere.

Simplify Complex Business Workflows

Sharp OSA technology can help your business leverage the power of your network applications, back-end systems and cloud services.² Easily automate complex processes and help eliminate redundant tasks. Create your own custom integrations or take advantage of the growing portfolio of Sharp OSA applications available from Sharp Partner Program members.



¹ Go to www.sharppusa.com for a list of supported devices and operating systems.

² Some features require optional equipment and/or software/services.

TAKING CARE OF BUSINESS SAFELY AND SECURELY

Manage your device, help safeguard your data, help protect your business.

Businesses require that the devices on their networks are properly managed and closely monitored to ensure their data remains uncompromised. To help achieve this, the MX-M6570 and MX-M7570 offer powerful device management utilities, web-based customer training and advanced, **multi-layered security features**.

With the **Sharp Remote Device Manager (SRDM)***, administrators can take control of system features and simplify installation and management. SRDM makes it easy to view service logs, click counts, history reports and more. Its event-driven service alerts help you monitor the device and maximize uptime. The **Remote Front Panel** feature allows administrators to view and control the machine's LCD panel from a PC to troubleshoot issues and train operators remotely. Sharp also offers both **built-in** and additional **auditing hardware and software to control, access and track usage** of each device on the network.* And with **My Sharp™**, you get a dedicated training website customized to your model and configuration to help you understand and utilize all of the advanced features of your Sharp product, including those for security.



To help protect employees' privacy and intellectual property, the MX-M6570 and MX-M7570 are armed with a variety of security measures, including features such as **data encryption**, **data overwrite protection** and **data erase**. Multiple **security protocols** help restrict access to the device while in operation, and a convenient **End-of-Lease** feature overwrites all data at time of trade-in. **Authority Groups** help manage and restrict specific copying, printing, scanning and fax features to safeguard data and control costs. The **Admin Audit Log** feature allows IT administrators to track activity on the device. **Confidential Printing** and **Secure Fax Release** help ensure that sensitive documents are kept safe by requiring users to enter a PIN code in order to print them. For advanced security, these models support Active Directory user authentication and secure single sign-on to network folders and emails. For an optimized workflow experience, ID card authentication is also available.*



These scalable security offerings aim to help **protect your intellectual property**, preserve confidential information and help your business meet regulatory requirements including the Health Insurance Portability and Accountability Act (HIPAA) and the Family Educational Rights and Privacy Act (FERPA). For additional information visit: www.sharppusa.com/security.

**Some features require optional equipment and/or software.*



ENVIRONMENTAL COMMITMENT



An Environmentally Responsible Approach to Product Design

Sharp is committed to environmental sustainability and corporate responsibility including planning, design, manufacturing, distribution and product end-of-life management. The MX-M6570 and MX-M7570 adhere to Sharp's Green Products Guidelines in pursuit of these commitments. These guidelines include designing products that consume less power, using recycled materials, reducing the amount of material used in products and packaging, and labeling the type of materials used. Sharp also aims to design products that are upgradable, easy to repair and easy to take apart for recycling.

The MX-M7570 document system is ENERGY STAR® qualified and RoHS compliant to restrict the use of hazardous substances. These products also have low TEC values. Sharp MFPs are EPEAT® registered.



Toner Recycling Program

As part of our commitment to helping preserve the environment, Sharp offers our customers zero-waste-to-landfill recycling for Sharp consumables, including cartridges, bottles, toner collection containers and drum units. Sharp encourages customers to recycle their used Sharp toner cartridges in bulk by providing a pre-paid recycling kit for their return to our facility.

Environmental Leadership

As a testament to our commitment to the environment, Sharp is a multi-year winner of the ENERGY STAR annual Excellence in Energy Proficiency Product Design. Sharp is also a multi-year winner of the SmartWay® Excellence Award which recognizes companies for conserving energy and lowering greenhouse gas emissions in logistics and transportation.

For more information about Sharp's environmental leadership including information about energy efficient products, electronics or toner cartridge recycling, please visit www.sharppusa.com/environment.

MX-M6570/M7570 SPECIFICATIONS

Main Specifications

MX-M6570/M7570	Base models include multitasking controller, 150-sheet DSPF, PCL® 6 and Adobe® PostScript® 3™ printing systems, network scanning, auto duplexing, 2,100-sheet tandem paper drawer, 2 x 500-sheet paper drawer, 100-sheet bypass tray.									
Type	Monochrome multi-function digital document system									
Display	10.1" (diagonally measured) color dot matrix high-resolution touch panel tilting display. 1024 x 600 dots (W-SVGA)									
Functions	Copy, print, network print, network scan, document filing and fax ¹									
Copy System	Dry electrostatic transfer/Dual component developer/Magnetic brush development/OPC drums/Belt fusing/white LED exposure									
Originals	Sheets and bound documents									
Max. Original Size	11" x 17"									
Output Size	Min. 5½" x 8½", Max. 12" x 18"									
Copy Speed	65/75 ppm (8½" x 11")									
Multiple Copy	Max. 9,999 copies									
First Copy Time (in seconds)²	<table border="1"> <tr> <td></td> <td>MX-M6570</td> <td>MX-M7570</td> </tr> <tr> <td>Platen Glass</td> <td>3.9</td> <td>3.5</td> </tr> <tr> <td>DSPF</td> <td>5.9</td> <td>5.4</td> </tr> </table>		MX-M6570	MX-M7570	Platen Glass	3.9	3.5	DSPF	5.9	5.4
	MX-M6570	MX-M7570								
Platen Glass	3.9	3.5								
DSPF	5.9	5.4								
Warm Up Time	43 seconds (from main power switch on), 27 seconds (from [Power] button on)									
Magnification	25% to 400% in 1% increments (with DSPF 25%-200%)									
Original Feed	150-sheet DSPF with original size detection									
Scan Speed	Up to 100 lpm simplex, up to 200 lpm duplex									
Original Sizes	5½" x 8½", 8½" x 11", 8½" x 11" R, 8½" x 14", 11" x 17"									
Paper Capacity	Standard: 3,200 Sheets/Maximum: 6,700 Sheets									
Paper Feed System	Standard: Tandem Tray 1 – 1,250 sheets (letter), Tandem Tray 2 – 850 sheets (letter) + (2) 500-sheet paper drawers (letter/legal/ledger/statement) and 100-sheet bypass tray (letter/legal/ledger/statement). Optional: 3,500-sheet large capacity tray (letter) or 3,000-sheet large capacity tray (ledger).									
Paper Weights and Types	Tandem drawers: 16 lb. bond to 28 lb. bond. Paper drawers: 16 lb. bond to 80 lb. cover. Other paper types include plain, recycled, letterhead, pre-printed, pre-punched, and color paper. Bypass tray: 16-28 lb. bond (plain paper), 15-16 lb. bond (thin paper), 80-110 lb. cover (heavy paper), and tab paper (letter). Also label paper, gloss paper, recycled, letterhead, pre-printed, pre-punched, color paper and OHP film.									
Duplexing	Standard automatic duplex copying and printing									
CPU	Up to 1.4 GHz multi-processor design									
Interface	10/100/1000 Base-T Ethernet, USB 2.0: 2 host ports (front and rear), 1 available device port (rear), wireless 802.11 b/g/n									
Memory	Standard 5 GB copy/print (shared)									
Hard Disk Drive	500 GB									
Copy Resolution	Scan: Up to 600 x 600 dpi Output: Up to 1200 x 1200 dpi									
Copy Modes	Monochrome/Grayscale									
Exposure Control Modes	Automatic, Text, Text/Photo, Text/Printed-Photo, Printed-Photo, Photo, Map, Pale-Color Document									
Settings	Auto or 9 step manual									
Half-tone	256 gradations/2 levels (monochrome)									
Copy Features	Scan-Once Print-Many, electronic sorting, offset-stacking, Auto Paper Selection (APS), Auto Magnification Selection (AMS), Auto Tray Switching (ATS), black-white reversal, blank page skip, book copy, book divide, card shot, center erase, centering, cover pages, dual page copy, edge erase, image edit, image preview, insert pages, job build, job programs, margin shift, mirror image, mixed size original, multi-page enlargement, original count, pamphlet style, proof copy, repeat layout, reserve copy, related copy, stamp, stamp custom image, suppress background, tab copy, tab-paper insertion, tandem copy, toner save mode, transparency inserts, watermark, 2-in-1 / 4-in-1 / 8-in-1 multi shot									
Account Control	Up to 1,000 users. Supports user authentication via local, LDAP, and Active Directory® for copy, print, scan and document management.									
Output Tray	Main output tray (top): 250 sheets (face down); optional right side exit tray: 100 sheets (face down)									
Capacity										
Cloud Supported Services	Box, Google® Cloud Print, Google Drive, OneDrive® for Business, SharePoint® Online									
Network Protocols	TCP/IP (IPv4, IPv6, IPsec), HTTP/HTTPS, IPP/IPP-SSL, FTP/FTPS, S/MIME, SMTP/SMTP-SSL, POP3/POP3-SSL, LDAP/LDAP-SSL, 802.1x for Windows and Unix.									

Main Specifications (continued)

Network and Data Security	Includes IP/MAC address filtering, protocol filtering, port control, TLS Encryption, Kerberos support, Active Directory integration, data encryption, End-of-Lease, data overwrite (up to 10x), DoD 5220.22-M
Firmware Management	Flash ROM with local (USB), network update capability and firmware update 1 to N with SRDM (Sharp Remote Device Manager)
Device Setup	Web-based management/cloning with user/administrator level login
Service/Functions	Remote Front Panel, remote access to service logs and click counts
Accessibility Features	Free stop tilting front panel, adjustment of key touch sound and speed, concave key, document feeder free stop, job programs, remote front panel, universal grip for paper trays and disable screen timeout
Environmental Standards	International Energy Star Program Ver. 3.0 for MX-M7570 only, European RoHS
Power Source	110-127 V AC, 60 Hz, 20 A Receptacle
Power	1.92 kW or less
Consumption	
Weight	Approx. 362 lbs.
Dimensions	Approx. 26" (w) x 30-1/2" (d) 48" (h)

Network Printing System

PDL	Standard PCL® 6, Adobe PostScript 3
Resolution	1200 x 1200 dpi
Print Speed	65/75 ppm (8½" x 11")
Print Drivers	Windows 7, Windows 8.1, Windows 10, Windows Server® 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, Windows Server 2016, Windows PPD, MAC OS X® (including 10.6 to 10.13), all MAC PPD, Linux® PPD
Mobile Printing	AirPrint®, Android™ printing framework (Sharp Print Service Plugin), Sharpdesk® Mobile ³
Print Features	Auto configuration, serverless print release, bar code font printing, carbon copy print, chapter inserts, confidential print, continuous printing, custom image registration, different cover page/last page/other page, document control, document filing, duplex printing, electronic sorting, folding, form overlay, hidden pattern print, image rotation, image stamp, image type, job bypass print, job retention, layout print, margin shift, multiple pamphlet, network tandem print, N-up printing, offset stacking, page interleave, pamphlet style, poster print, proof print, print and send, punching, stapling, tab paper print, tab printing, toner save mode, transparency inserts, tray status, user authentication, watermarks, zoom print
Direct Printing	File Types: TIFF, JPEG, PCL, PRN, TXT, PDF, Compact PDF, Encrypted PDF, PostScript, DOCX, XLSX, PPTX, and PNG. Methods: FTP, SMB, Web page, Email and USB memory
Resident Fonts	80 outline fonts (PCL), 139 fonts (PS)
Interface	RJ-45 Ethernet 10/100/1000 Base-T, USB 2.0, Wireless
Operating Systems and Environments	Windows® 7, Windows 8.1, Windows 10, Windows Server® 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, Windows Server 2016, Mac OS X 10.6-10.13, UNIX®, Linux, Citrix® (XenApp 5.0-7.12), Windows Remote Desktop Services, SAP device types ¹
Printing Protocols	LPR, IPP, IPPS, PAP, Raw TCP (port 9100), FTP, POP3, HTTP, LPD and LPR for Unix

Network Scanning System

Scan Modes	Standard: Color, monochrome, grayscale
Max. Original Size	11" x 17"
Optical Resolution	600 dpi
Output Modes	600 dpi, 400 dpi, 300 dpi, 200 dpi, 150 dpi, 100 dpi
Image	Monochrome Scanning: Uncompressed, G3 (MH), G4 (MR/MMR)
Compression	Color/Grayscale: JPEG (high, middle, low) Internet Fax mode: MH/MMR (option) ¹
Image Formats	Monochrome: TIFF, PDF, PDF/A, Encrypted PDF, XPS, Searchable PDF, DOCX, XLSX, PPTX, TXT, and RTF. Color/Grayscale: TIFF, JPEG, PDF, PDF/A, Compact PDF, Encrypted PDF, XPS, Searchable PDF, DOCX, XLSX, PPTX, TXT and RTF. Internet Fax: TIFF-FX, TIFF-F, TIFF-S ¹
Scan Destinations	Email, Desktop, FTP, Folder (SMB), USB, Internet fax (option), Super G3 fax (option)

Network Scanning System (continued)

One-touch Destinations	Up to 2,000 (combined scan destinations)
Group Destinations	Up to 500
Programs	48 (combined)
Max. Jobs	Up to 100
Enhanced Email Integration	Standard Gmail connector, standard Exchange connector
Scanning Protocols	HTTP/HTTPS, FTP/FTPS, SMTP/SMTP-SSL/ESMTP, SMB, POP3, LDAP, S/MIME
Software	Sharpdesk® desktop personal document management software (1 user license included), Sharpdesk Mobile (download)

3K Stacking 65-Sheet Staple Finisher (MX-FN34 option)

Type	3,000-sheet console staple finisher (65-sheet stapling)
Output Trays	Top tray: 250 sheets (letter size, non-stapled) Lower tray: Moving offset tray (up to 3,000 letter size sheets)
Stapling Capacity	Up to 65 sheets (letter)
Stapling Media	Plain paper, letter/legal/ledger size or mixed
Stapling Positions	1 front, 1 rear, or 2 point stitching

3K Stacking 65-Sheet Staple/Saddle Stitch Finisher (MX-FN35 option)

Type	3,000-sheet console staple finisher (65-sheet stapling)
Output Trays	Top tray: 250 sheets (letter size, non-stapled) Lower tray: Moving offset tray (up to 3,000 letter size sheets)
Stapling Capacity	Up to 65 sheets (letter)
Stapling Media	Plain paper, letter/legal/ledger size or mixed
Stapling Positions	1 front, 1 rear, or 2 point stitching
Saddle Stitch	2-point center stitch and bi-folding letter/legal/ledger
Saddle Stitch	Up to 10 sets (11-20 sheets per set)/15 sets (6-10 sheets per set)/25 sets (1-5 sheets per set)

Optional Equipment

MX-LC18	Large Capacity Tray (letter)
MX-LC19	Large Capacity Tray (ledger)
MX-LT10	Long Paper Feeding Tray
MX-FN33	Inner Finisher ¹
MX-FN34	3K Stacking 65-sheet Staple Finisher ¹
MX-FN35	3K Stacking 65-sheet Staple/Saddle Stitch Finisher ¹
MX-FN21	4K Stacking 100-sheet Staple Finisher ¹
MX-FN22	4K Stacking 100-sheet Staple/Saddle Stitch Finisher ¹
MX-PN16B	3-Hole Punch Unit (requires MX-FN34/35)
MX-PN13B	3-Hole Punch Unit (requires MX-FN21/22)
MX-SC11	Staple Cartridge for MX-FN34, MX-FN35
MX-SC12	Staple Cartridge for MX-FN35
MX-SCX1	Staple Cartridge for MX-FN33, MX-FN22
MX-SCX2	Staple Cartridge for MX-FN21, MX-FN22
MX-RB13	Relay Unit ¹
MX-RB24	Paper Pass Unit for MX-FN33
MX-RB26	Paper Pass Unit ¹
MX-RB27	Gulf Correction Unit ¹
MX-TM10	Trimmer Unit (requires MX-FN22)
MX-CF11	2-Tray Inserter Unit ¹
MX-FD10	Multi-folding Unit ¹
MX-TR21	Right Side Exit Tray
MX-TU15	Center Exit Tray
MX-PF10	Barcode Font Kit
MX-FX15	Fax Expansion Kit
AR-SU1	Stamp Unit (requires AR-SV1 Stamp Cartridge)
AR-SV1	Stamp Cartridge (required for AR-SU1 Stamp Unit)
MX-FWX1	Internet Fax Expansion Kit
MX-FR60U	Commercial Data Security Kit (available shortly after launch)
MX-AMX1L	Application Integration Module
DVENDFSV	Generic Vendor Interface Kit

Supplies

MX-754NT	Toner Cartridge
MX-754NV	Developer
MX-754DR	Drum
MX-700HB	Toner Collection Container

¹ Some features require optional equipment. See your local dealer.

² May vary depending on product configuration, machine settings and operating and/or environmental conditions.

³ Go to www.sharpusa.com for a list of supported devices and operating systems.



SHARP ELECTRONICS CORPORATION
100 Paragon Drive, Montvale, NJ 07645
1-800-BE-SHARP • www.sharpusa.com

Design and specifications subject to change without notice. Sharp, Sharp OSA, Sharpdesk, My Sharp and all related trademarks are trademarks or registered trademarks of Sharp Corporation and/or its affiliated companies. Windows, Windows Server, Excel, PowerPoint, OneDrive and SharePoint are registered trademarks of Microsoft Corporation. Android, Google Drive, Google Cloud Print, Gmail and Chromebook are registered trademarks of Google LLC. AirPrint is a registered trademark of Apple Inc. Adobe and PostScript are registered trademarks of Adobe Systems Inc. DirectOffice is a trademark of CSR Imaging US, LP, registered in the United States and other countries, used with permission. Box is a registered trademark of Box, Inc. and/or its affiliates. BLI Reliability award based on devices tested from January 2012 through May 2016. All other trademarks are the property of their respective owners.



Totten, Mark L <mark.l.totten@wv.gov>

ESR attachment error from 1/18/2022

Lisa Comer <lisa.comer@wvoasis.gov>

Tue, Jan 18, 2022 at 4:29 PM

To: Mark Totten <mark.l.totten@wv.gov>

Cc: HelpDesk <HelpDesk@wvoasis.gov>, Finance Team <FinanceTeam@wvoasis.gov>, Interfaces Group <Interfaces@wvoasis.gov>, Guy L Nisbet <guy.l.nisbet@wv.gov>, Alisha Pettit <alisha.s.pettit@wv.gov>, Robert M Ross <robert.m.ross2@wv.gov>, Lu Cottrill <lu.a.cottrill@wv.gov>

Mark,

It appears to be a corrupt file that we cannot open from VSS either.

Thank you,
Lisa Comer

From: Totten, Mark L <mark.l.totten@wv.gov>**Sent:** Tuesday, January 18, 2022 4:10:37 PM**To:** Lisa Comer <lisa.comer@wvoasis.gov>**Cc:** HelpDesk <HelpDesk@wvoasis.gov>; Finance Team <FinanceTeam@wvoasis.gov>; Interfaces Group <Interfaces@wvoasis.gov>; Guy L Nisbet <guy.l.nisbet@wv.gov>; Alisha Pettit <alisha.s.pettit@wv.gov>; Robert M Ross <robert.m.ross2@wv.gov>; Lu Cottrill <lu.a.cottrill@wv.gov>**Subject:** Re: ESR attachment error from 1/18/2022

Lisa:

If OASIS can't open it, I'm content that the error originates with the vendor. As for reaching out to the vendor, at this stage of the procurement process, we would not do that for the purposes of posting bids. If you can confirm the error exists on your end, we will disqualify that attachment and post the rest of the response.

Please let me know if you have any questions. Thank you,

Mark

On Tue, Jan 18, 2022 at 3:35 PM Lisa Comer <lisa.comer@wvoasis.gov> wrote:

Mark, we are still looking into this issue with the vendor's attachment. Is the vendor able to go into their VSS account and open the attachment from their response there for you to see?

From: Totten, Mark L <mark.l.totten@wv.gov>**Sent:** Tuesday, January 18, 2022 2:55 PM**To:** Lisa Comer <lisa.comer@wvoasis.gov>**Cc:** HelpDesk <HelpDesk@wvoasis.gov>; Finance Team <FinanceTeam@wvoasis.gov>; Interfaces Group <Interfaces@wvoasis.gov>; Guy L Nisbet <guy.l.nisbet@wv.gov>; Alisha Pettit <alisha.s.pettit@wv.gov>; Robert M Ross <robert.m.ross2@wv.gov>; Lu Cottrill <lu.a.cottrill@wv.gov>**Subject:** Re: ESR attachment error from 1/18/2022

Lisa:

Thanks for your quick response. Yes, the file IT_Reference_Guide.pdf in particular produces an error when all of us download and try to open it.

Please let me know if you have any questions. Thank you,

Mark

On Tue, Jan 18, 2022 at 2:54 PM Lisa Comer <lisa.comer@wvoasis.gov> wrote:

Hello Mark,

I see there are 23 attachments on this vendor's response. I tried a few random attachments and they opened. Is there a specific or select attachments that will not open, or is it all of the attachments you are not able to open?

Thank you,

Lisa Comer

Finance Team

WV Enterprise Resource Planning Board

Phone: 304-935-0487 (**NEW PHONE NUMBER**)

Email: FinanceTeam@wvOASIS.gov

Web: wvOASIS.gov

wvOASIS

From: Totten, Mark L <mark.l.totten@wv.gov>

Sent: Tuesday, January 18, 2022 2:42 PM

To: HelpDesk <HelpDesk@wvoasis.gov>; Finance Team <FinanceTeam@wvoasis.gov>; Interfaces Group <Interfaces@wvoasis.gov>

Cc: Guy L Nisbet <guy.l.nisbet@wv.gov>; Alisha Pettit <alisha.s.pettit@wv.gov>; Robert M Ross <robert.m.ross2@wv.gov>; Lu Cottrill <lu.a.cottrill@wv.gov>

Subject: ESR attachment error from 1/18/2022

To Whom It May Concern:

We would like to request assistance with a vendor's PDF file that will not open successfully once downloaded. The attachment, IT_Reference_Guide.pdf, is in procurement folder 967276 inside ESR0113220000004234.

We understand this could be an error with how the vendor created the document. Could you assist us with troubleshooting so we can eliminate any potential system problems? We want to ensure we open the file if there is a way it can be opened.

Please let me know if you need more information. Thank you,

--

Mark L. Totten

Technical Services Manager

West Virginia Department of Administration

Purchasing Division

304.558.7839

mark.l.totten@wv.gov / WVPurchasing.gov