



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 8

List View

General Information

Contact

Default Values

Discount

Document Information

Procurement Folder: 395021

SO Doc Code: CRFQ

Procurement Type: Central Contract - Fixed Amt

SO Dept: 0432

Vendor ID: 000000192906



SO Doc ID: DCH1800000004

Legal Name: NMS IMAGING INC

Published Date: 11/22/17

Alias/DBA:

Close Date: 12/7/17

Total Bid: \$72,672.24

Close Time: 13:30

Response Date: 12/06/2017



Status: Closed

Response Time: 9:02

Solicitation Description: Microfilm Scanner/Viewers for Archives

Total of Header Attachments: 8

Total of All Attachments: 8

Apply Default Values to Commodity Lines

View Procurement Folder



Purchasing Division
2019 Washington Street East
Post Office Box 50130
Charleston, WV 25305-0130

State of West Virginia
Solicitation Response

Proc Folder : 395021

Solicitation Description : Microfilm Scanner/Viewers for Archives

Proc Type : Central Contract - Fixed Amt

Date issued	Solicitation Closes	Solicitation Response	Version
	2017-12-07 13:30:00	SR 0432 ESR12061700000002449	1

VENDOR

000000192906
NMS IMAGING INC

Solicitation Number: CRFQ 0432 DCH1800000004

Total Bid : \$72,672.24

Response Date: 2017-12-06

Response Time: 09:02:56

Comments:

FOR INFORMATION CONTACT THE BUYER

Michelle L Childers
(304) 558-2063
michelle.l.childers@wv.gov

Signature on File

FEIN #

DATE

All offers subject to all terms and conditions contained in this solicitation

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
1	Microfiche or microfilm viewers	6.00000	EA	\$9,442.820000	\$56,656.92

Comm Code	Manufacturer	Specification	Model #
45112001			

Extended Description : Microfiche or microfilm viewers

Comments: The Scanner proposed MEETS and EXCEEDS all of the specifications enumerated in your bid
Please do review the documents attached that establishes our assertion

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
2	Microfiche or microfilm viewers: Maintenance, 1st Year				\$5,338.44

Comm Code	Manufacturer	Specification	Model #
81112306			

Extended Description : Annual Maintenance for Microfilm Reader Scanners- Year 1

Comments: Maintenance Support will be provided by NMS Imaging as per the requirements enumerated in the bid

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
3	Microfiche or microfilm viewers: Maintenance, 1st Renewal				\$5,338.44

Comm Code	Manufacturer	Specification	Model #
81112306			

Extended Description : Annual Maintenance for Microfilm Reader Scanners- First Renewal

Comments: Maintenance Support will be provided by NMS Imaging as per requirements enumerated in the bid

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
4	Microfiche or microfilm viewers: Maintenance, 2nd Renewal				\$5,338.44

Comm Code	Manufacturer	Specification	Model #
81112306			

Extended Description :	Annual Maintenance for Microfilm Reader Scanners- Second Renewal
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Comments: Maintenance Support will be provided by NMS Imaging as per the requirements enumerated in the bid



December 4, 2017

West Virginia Purchasing Division
2019 Washington Street, East
Charleston, WV 25305-0130

Attn: Ms. Michelle Childers, Senior Buyer

Dear Ms. Childers:

Response to SOLICITATION # CRFQ 0432 DCH1800000004 FOR MICROFILM SCANNER / VIEWERS FOR ARCHIVES

In response to the above-mentioned Solicitation for the supply of SIX Microfilm Scanners and maintenance support services, we are pleased to submit our response for your review and consideration.

NMS Imaging is a small business based in Silver Spring Maryland. We have been in the field of micrographics for over 45 years and have the necessary experience and expertise to study, recommend, implement, train and provide ongoing maintenance support services. We are the authorized reseller for ST Imaging for the complete range of ST ViewScan Microfilm Scanners- letter attached. We also represent NEXTSCAN for the range of high speed production microfilm scanners. Our technical support team are factory trained to provide prompt and effective support

We are delighted to offer the ST ViewScan 4 Color Microfilm Scanner – that MEETS and / or EXCEEDS the specifications requested in your Solicitation. The price includes the ST ViewScan 4 Color Microfilm Scanner with 3M Universal Base, Premium Software, OCR software, onsite installation & training. The pricing for maintenance for the first year and optional additional years. The maintenance support covers the recommended preventative maintenance, parts & labor, software updates & upgrades and training as needed.

Attached for your kind review and consideration are the following:

1. Solicitation forms duly completed and signed
2. Purchase Affidavit form duly completed, signed and notarized
3. Product brochure for the ST ViewScan 4 Microfilm Scanner
4. ST ViewScan 4: Exclusive Capabilities
5. ST ViewScan 4: New Enhanced Features
6. OCR software
7. Why the ST ViewScan III Microfilm Scanner is the BEST for Microfiche Scanning
8. Authorization Letter from the manufacturer – ST Imaging

Please let me know if you have any questions or need any additional information or clarification.
Look forward to your valued order.

Thank you

Sincerely,

A handwritten signature in black ink, appearing to read 'Ganesh Venkat CDIA', with a long horizontal stroke extending to the right.

Ganesh Venkat CDIA
Major Accounts Manager
240-645-4357 direct
703-585-5693 cell
571-403-1826 (google voice)
301-622-2536 fax
www.nmsimaging.com



Purchasing Division
2019 Washington Street East
Post Office Box 50130
Charleston, WV 25305-0130

State of West Virginia
Request for Quotation
21 — Info Technology

Proc Folder: 395021

Doc Description: Microfilm Scanner/Viewers for Archives

Proc Type: Central Contract - Fixed Amt

Date Issued	Solicitation Closes	Solicitation No	Version
2017-11-22	2017-12-07 13:30:00	CRFQ 0432 DCH1800000004	1

BID RECEIVING LOCATION

BID CLERK

DEPARTMENT OF ADMINISTRATION

PURCHASING DIVISION

2019 WASHINGTON ST E

CHARLESTON

WV

25305

US

VENDOR

Vendor Name, Address and Telephone Number:

NMS Imaging
12501 Prosperity Drive
Suite #205
Silver Spring, MD 20904
301-622-4300 / 240-645-4357 (direct)

FOR INFORMATION CONTACT THE BUYER

Michelle L Childers

(304) 558-2063

michelle.l.childers@wv.gov

Signature 

FEIN # 52-0913097

DATE 12/05/17

All offers subject to all terms and conditions contained in this solicitation

ADDITIONAL INFORMATION:

Request for Quotation

The West Virginia Purchasing Division is soliciting bids on behalf of The West Virginia Division of Culture and History to establish a contract for the purchase of six microfilm scanner/viewers with maintenance.

INVOICE TO		SHIP TO	
RECEIVING DEPARTMENT DIVISION OF CULTURE & HISTORY CULTURAL CENTER 1900 KANAWHA BLVD E CHARLESTON WV25305-0300 US		RECEIVING DEPARTMENT DIVISION OF CULTURE & HISTORY CULTURAL CENTER 1900 KANAWHA BLVD E CHARLESTON WV 25305-0300 US	

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
1	Microfiche or microfilm viewers	6.00000	EA	\$9,442.82	\$56,656.92

Comm Code	Manufacturer	Specification	Model #
45112001	ST Imaging	see brochure attached	ST ViewScan 4 Color Universal Microfilm Scanner

Extended Description :

Microfiche or microfilm viewers

INVOICE TO		SHIP TO	
RECEIVING DEPARTMENT DIVISION OF CULTURE & HISTORY CULTURAL CENTER 1900 KANAWHA BLVD E CHARLESTON WV25305-0300 US		RECEIVING DEPARTMENT DIVISION OF CULTURE & HISTORY CULTURAL CENTER 1900 KANAWHA BLVD E CHARLESTON WV 25305-0300 US	

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
2	Microfiche or microfilm viewers: Maintenance, 1st Year	6	EA	\$889.74	\$5,339.44

Comm Code	Manufacturer	Specification	Model #
81112306	Maintenance Support by NMS Imaging		ST ViewScan 4 including hardware and software

Extended Description :

Annual Maintenance for Microfilm Reader Scanners- Year 1

INVOICE TO		SHIP TO	
RECEIVING DEPARTMENT DIVISION OF CULTURE & HISTORY CULTURAL CENTER 1900 KANAWHA BLVD E CHARLESTON WV25305-0300 US		RECEIVING DEPARTMENT DIVISION OF CULTURE & HISTORY CULTURAL CENTER 1900 KANAWHA BLVD E CHARLESTON WV 25305-0300 US	

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
3	Microfiche or microfilm viewers: Maintenance, 1st Renewal	6	EA	\$889.74	\$5,339.44

Comm Code	Manufacturer	Specification	Model #
81112306	Maintenance Support by NMS Imaging	ST ViewScan 4 including hardware and software	

Extended Description :

Annual Maintenance for Microfilm Reader Scanners- First Renewal

INVOICE TO		SHIP TO	
RECEIVING DEPARTMENT DIVISION OF CULTURE & HISTORY CULTURAL CENTER 1900 KANAWHA BLVD E CHARLESTON WV25305-0300 US		RECEIVING DEPARTMENT DIVISION OF CULTURE & HISTORY CULTURAL CENTER 1900 KANAWHA BLVD E CHARLESTON WV 25305-0300 US	

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
4	Microfiche or microfilm viewers: Maintenance, 2nd Renewal	6	EA	\$889.74	\$5,339.44

Comm Code	Manufacturer	Specification	Model #
81112306	Maintenance Support by NMS Imaging	ST ViewScan 4 including hardware and software	

Extended Description :

Annual Maintenance for Microfilm Reader Scanners- Second Renewal

DCH1800000004	Document Phase Final	Document Description Microfilm Scanner/Viewers for Archives	Page 4 of 4
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ADDITIONAL TERMS AND CONDITIONS

See attached document(s) for additional Terms and Conditions

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.

Ganesh Venkat, Major Account Manager

(Name, Title)
Ganesh Venkat, Major Account Manager

(Printed Name and Title)
12501 Prosperity Drive, Silver Spring, MD 20904

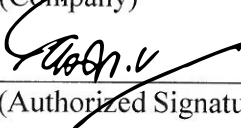
(Address)
301-622-4300 / 301-622-2536 (fax)

(Phone Number) / (Fax Number)
gvenkat@nmsimaging.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.

NMS Imaging

(Company)


(Authorized Signature) (Representative Name, Title)
Ganesh Venkat, Major Account Manager

(Printed Name and Title of Authorized Representative)
12/05/17

(Date)
240-645-4357 / 301-622-2536 (fax)

(Phone Number) (Fax Number)

STATE OF WEST VIRGINIA
Purchasing Division

PURCHASING AFFIDAVIT

MANDATE: 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 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: NMS Imaging

Authorized Signature: _____

Date: 12/05/17

State of MARYLAND

County of PRINCE GEORGE'S, to-wit:

Taken, subscribed, and sworn to before me this 5 day of DECEMBER

My Commission expires APRIL 30, 2020.

AFFIX SEAL HERE

NOTARY PUBLIC _____



Purchasing Affidavit (Revised 08/01/2015)



Load Film Under Guides
and Raised Top Glass

VIEWSCAN 4

BRING YOUR FILM TO LIFE

VIEWSCAN 4 DELIVERS THE CLEAREST VIEW OF THE PAST

Prior to the digital age, microfilm was the standard for document preservation. Now, thanks to ST Imaging's ViewScan 4, historians, students, researchers and businesses can bring these documents to life as easily as making a copy.

Advances in computers and software allow this innovative microfilm scanner to instantly display high-resolution images, making browsing fast and easy. The ViewScan 4 can view all microforms, roll microfilm, microfiche, aperture cards, jackets, micro cards and even color slides. In addition, with its advanced hardware and all-new, user-friendly software, the ViewScan 4 becomes an invaluable asset to libraries, universities, government institutions or any company that needs to retrieve information from their archival documents in digital form.

EXCLUSIVE HARDWARE

To increase user familiarity, the ViewScan 4 has similar features to our previous digital scanners, including the film control keys on the carrier. Plus, its small footprint can be incorporated into any location, from a small office to a vast research room. Its technological updates make it our most efficient viewer to date.

Exclusive film motor controls on the scanner, nearly identical to old reader/printer carriers, make it familiar, easy to use and, most importantly, easy to learn



VirtualFilm Technology

The all-new PerfectView Software includes a stunning new capability for our desktop microfilm scanner: VirtualFilm Technology. This innovation turns all captured images into a virtual roll of film, which can optionally be saved and recalled. It takes our ground-breaking Image Bin feature and adds capabilities to re-load, re-size, retrieve and further edit, enhance and share previously scanned images.

Onboard PC Option

With the purchase of the optional Intel-based micro PC, your ViewScan 4 will arrive with all the software and hardware options you ordered, pre-assembled for minimal setup. In fact, it's basically ready to use as soon as you've unboxed it. Just plug your monitor, keyboard and mouse into the unit and begin exploring your microfilm archive. And because the ViewScan 4 supports a touch screen monitor, a mouse is actually optional.

Energy Saving Design

ST Imaging is committed to protecting our environment. The ViewScan 4 is designed to meet or exceed energy savings standards with product designs and materials not detrimental to the earth and features like automatic Sleep Mode and power down functions. Learn more about our energy saving features online at <http://www.stimaging.com/energystar-and-microfilm-scanners/>

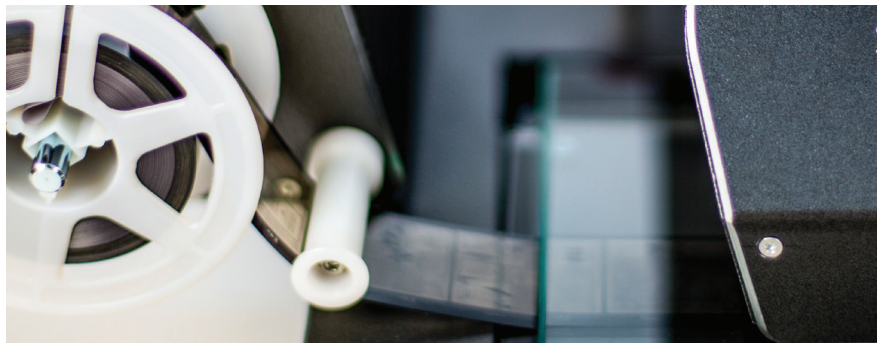
CLARITY IN ST PERFECTFOCUS

ViewScan 4's ST PerfectFocus precision motors zoom and focus the lens simultaneously, ensuring a consistently clear view whether scrolling or zooming. From 35 mm roll film to the smallest images found on microfiche sheets, users can anticipate sharp and easy-to-read images which are properly oriented, focused and vibrant every time.

14-MEGAPIXEL COLOR CAMERA

At the heart of the ViewScan 4 is our custom-designed 14-megapixel camera that is optimized for all your microfilm records. Capturing images with our native 14-megapixel sensor eliminates the need for other technology to try and improve a low megapixel camera. The ST PerfectView software creates compact files with stunning quality, whether black and white, grayscale or color.

It is also available with a 7-megapixel black and white camera.



ST PERFECTVIEW SOFTWARE

Our powerful new ST PerfectView Software streamlines every aspect of the research process, allowing users to browse and capture images from 16 mm or 35 mm microfilm rolls, microfiche, aperture cards and more with astounding ease. In fact, combined with our familiar, user-friendly hardware, it takes almost no time to master the ViewScan 4.

COLOR CODED, USER-FRIENDLY SOFTWARE

ST Imaging is known for its easy-to-use software. Now after three years of research and development on user interface, we are again setting an unparalleled standard of simplicity for microfilm viewers. The ViewScan 4's new ST PerfectView software is vastly more user-friendly than ever before, while offering new capabilities as well. Our innovative color-coding of the three basic operations—*Browse*, *Edit* or *Share*—has further simplified the learning and ease-of-use for any level of user.



BROWSE YOUR MICROFILM WITH EASE

- Scroll and Live-Stream images without refresh, distortions or flickering
- Capture the entire image or a portion of it with one click of a button
- Instantly print or save images with our one-click feature
- Dynamically resize the Image Ribbon to make it easy to see exactly what you captured
- Easy cropping with drag and drop anchor points
- AutoBrowse automatically advances rolls of film at a speed you choose
- Fully integrated OCR capability makes images word-searchable
- Automatic film rewind



EDIT YOUR IMAGES TO INCLUDE ALL INFORMATION

- Click on any captured image to review and edit further
- Re-size any cropped image without having to re-scan it
- Review and edit captured images before printing or sharing
- The optional Research Assistant tools let you further edit captured images
 - Add notes and highlight information
 - Redact information from the image
 - Combine, arrange and edit multiple images onto one page with ClipMerge with a simple drag and drop from the Image Ribbon



SMARTSHARE YOUR FINDINGS WITH THE WORLD

- Print any selected images or save to a USB drive
- Select any popular file formats (PDF, TIFF, etc.) at time of sharing
- Simple and consistent sharing options makes it easy to learn and save to Google Drive, Dropbox, FamilySearch, OCLC and integrated email

VIEWSCAN 4

offers enhanced microfilm technology

- *ST PerfectView Software*
- *ST PerfectFocus*
- *VirtualFilm Technology*
- *SmartShare Capabilities*
- *Film Movement Buttons on the scanner*
- *Onboard PC option*



Product Specifications

Film Scanner Carrier Configurations

- Universal Carrier
- Motorized roll film, fiche and aperture cards
- Fiche or aperture card only
- 3M (M-type) cartridge film adapter on Universal Carrier
- ANSI film clip adapter on Universal Carrier

File Outputs

- PDF Multi-Page
- PDF Single Page
- PDF Searchable* Multi-Page
- PDF Searchable* Single Page
- Bitmap
- JPEG
- JPEG 2000
- PNG
- TIFF
- Multi-Page TIFF
- TIFF with Group 4 Compression
- Multi-Page 1-Bit Bitonal TIFF (300 DPI) with Group 4 Compression

* with optional OCR software

Scannable Media

Designed to scan all microforms created with 7x-105x reduction, including microfilm (35/16 mm), microfiche, aperture cards, jackets, slides and more.

Warranty

- Three year factory warranty
- Assembled in the USA

Get full product technical details online at <http://www.stimaging.com>



Contact your ST Imaging representative at [847.501.3344](tel:847.501.3344) today to learn more about this ground-breaking fourth-generation scanner in the ViewScan product line.

**THE FUTURE OF MICROFILM SCANNING
TECHNOLOGY HAS NEVER BEEN SO CLEAR**



630 Dundee Rd.
Suite 210
Northbrook, IL 60062
847.501.3344
stimaging.com

ST ViewScan 4 Exclusive Features

Are you looking to separate the ST ViewScan III from the competition? The chart below shows all the features and capabilities of the ST ViewScan III with Premium Software. The competition have copied some of our innovations, but no other product on the market has all of the features listed.

Many unique features are **highlighted**.

Digital Viewer and Scanner Requirements – ST ViewScan III Digital Microfilm Microfiche Scanner
Compact desktop system for enhanced live-image view and immediate high resolution scan of positive and negative microform images.
USB port on the base of the unit to allow flexibility in PC placement.
Motor Control buttons on the physical unit in addition to screen icons.
5" x 7" large glass area to easily accommodate aperture cards, opaque, & microfiche film sizes
Easy load design that provides visibility of the film positioning and eye-readable fiche titles.
Capture to always visible Image Bin to dramatically simplify the work process.
Secure Public Email mode
Secure Staff Private Email mode
NEW: CameraLock® Admin can lock the best position of camera for capture from 35mm or 16mm operation
Multiple Output options from one scan without rescanning.
Fast image refresh no fuzzy image after moving, no frustration when browsing.
Fast Digital Zoom In/Out plus ability to toggle between full-page view and any zoom level.
Target Area Enhance from Captured Image Review Bin.
Auto apply of higher resolution to all selected images before save.
Auto apply of higher resolution to all selected images before print.
Set, Save and Restore Settings for various film types without being an Admin.
Annotation software included to add highlights, text, certification notation to film images
Scissor Cut Cropping™ Easily captures irregular sized areas from film images
ClipMerge™ Software that allows multiple clippings to be assembled onto a single page
Option to display User defined Copyright or other notice prior to scanning.
Customer customizable, Kiosk Style, Start Screen with user profiles.
Background Send from manufacturer provided Email server option.
Admin control automatically enabled by Microsoft Windows Authority Levels rather than guest access password.
One Click EasySave Multipage PDF and Multipage TIFF without having to prearrange a folder for them.
Quiet start up, operation, with no fan or fan noise
Microsoft Office Tool Bar "look and feel." Shorter learning curve, avoiding the need for constant support from staff to instruct users in operations.
NEW: 14MP Monochrome and Color camera with USB 3 Connection
7X to 105X Optical Zoom, with exclusive Digital Auto Zoom™ to region of interest. No need to wait for slow, noisy manual zoom and refocus. No need to create a magnify window.
High Resolution exceeding 300 dpi at document, higher resolutions selectable
Microfilm (16/35mm Rolls); microfiche; aperture cards; and micro opaque
NEW: Use Reports for period and total scan count, and distribution count for all forms of output.
Automated scanning processes and OCR available
How It Works™ Video Help integrated into software showing how to use features as needed
ST = White LED Lamps, Lifetime warranty



ST ViewScan 4 Microfilm Scanner: Key Feature Highlights and new features

ST ViewScan 4 Camera:

- Camera Imager: 14.3 megapixels (most of any desktop scanner)
- Maximum Optical Data Capture: 57 MP (most of any desktop scanner)
- Maximum Single Image Size: 1GB (most of any desktop scanner)
- Image Type: Full Color, plus Monochrome Black & White and Grayscale
- Connectivity: USB 3.0 (fastest on the market)
- Reduction Zoom Range: 7X – 105X (most of any desktop scanner)

ST Imaging File Compression Expansion:

- Raw compression
- JPEG compression
- JPEG 2000 Compression

User Controls Levels of Compression

- Lossless Compression
- Maximum Quality
- High Quality
- Medium Quality
- Maximum Compression

ST Imaging Offers Files Saving Solutions for Ever Widening Set of Custom Requirements & Criteria

- Standard PDF Documents
- Newer Archival Standard Compliant PDF Documents
- PDF Documents with Searchable Text (Requires ST OCR)
- Image and text files that conform to Online Data Base, bit size, compression, color, black and white levels, dpi resolutions, and other standards
- More Common JPEG Photo formats
- Web design compatible and other digital photo types including PNG and JPEG 2000

ST Imaging's new Enhanced Format Suite provides for all of these capabilities to be met with a few mouse clicks. And it also goes well beyond.

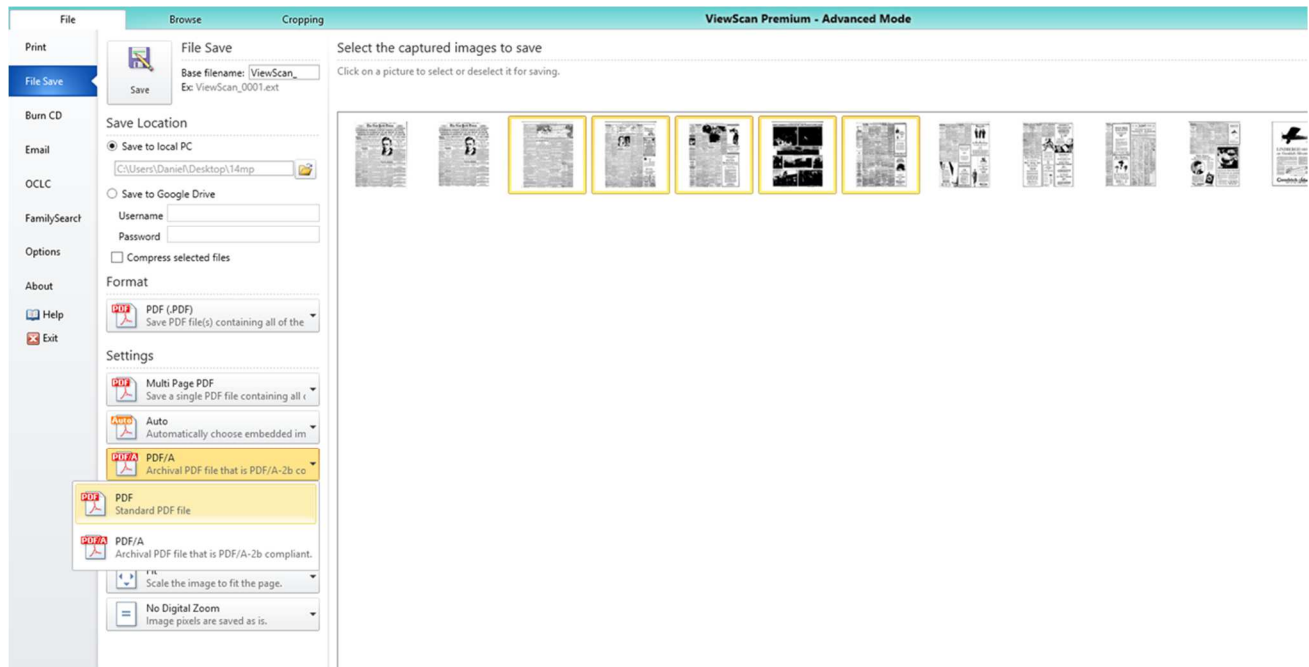
Every file format conforms to various standards so that it can be read using the appropriate retrieval application.

Beyond just meeting the format requirement, the size of images and the number of images, the quality possible, and the compression type are more and more important. Just because you can make a single document page as large as several hundred Megabytes, does not mean it is appropriate, necessary, or feasible without good compression techniques to do so.



The completely new set of enhanced format choices only from ST Imaging meet these requirements by allowing the customer to use automatic default compression solutions popular with specific file types, and also allow the customer to select any combination of Compression Type, Quality level, and resulting file size appropriate to their environment.

Digital Microfilm Scanning Industry's Largest and Most Versatile Set of Imaging Formats





The ST OCR Searchable Text Tools

The ST OCR Searchable Text Tools deliver world class OCR - Optical Character Recognition capability. Our text recognition solution works both inside *and beyond* our ST ViewScan Microfilm Scanner Software program. At less than the price of a comparable desktop OCR software package, we provide multiple tools for creating searchable text. This includes while viewing live microfilm images before scanning, as well as when automatically apply OCR to all of the images before saving as a multi-page searchable PDF document. Graphics images previously saved from any scanner or photo image file can also be converted to searchable text. Unlike some other desktop OCR products, ours includes a license for an unlimited volume of pages you can convert without additional royalties, subscriptions, or fees.

Like a High Performance Car, a better engine delivers better performance. Our software that works in XP, Windows 32 and Windows 64 environments is constructed using Microsoft and Intel 64 bit software protocol. That means that it is more efficient, fast, and effective compared to even more expensive and well known OCR software products that have been on the market for quite some time, but are based on older 32 bit technology.

Here are four ways we deliver fast, easy, and powerful performance with ST OCR Searchable Text Tools

TOOL #1 IMMEDIATE VIEWED PAGE SEARCH AND TEXT CAPTURE TOOL

- Just like our market leading automated Target Area Enhance feature, OCR can be applied immediately to any live image or series of pages selected during the viewing of microfilm pages.
- **FIND TEXT**: Enter a word or phrase as you would do in an Adobe PDF document. It will highlight all occurrences of any word or phrase on the page.

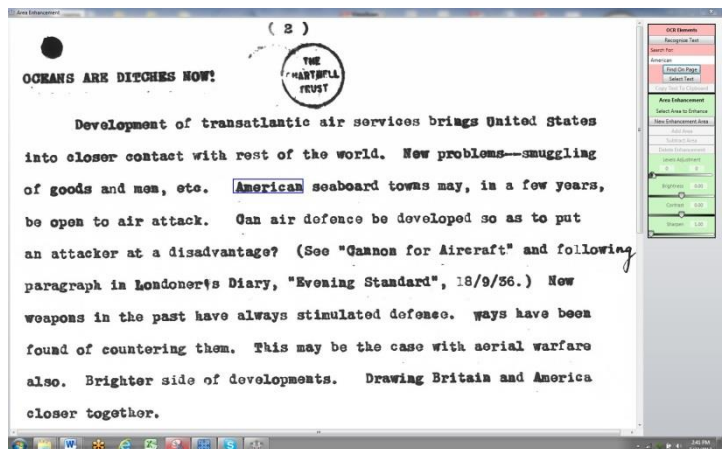


Figure 1: ST OCR Finds "American" in unevenly typed text from the 1936 personal notes in the Sir Winston Churchill Papers Collection

- **COPY TEXT:** Because the text has been converted, you can also copy it into Wikipedia, Google Search, or anywhere you would be able to drop a captured or phrase that you would select from an Adobe PDF page.
- At the same time you can use the Target Area Enhance to improve the appearance of photos, damaged or dark regions of film before you try to capture them using OCR.

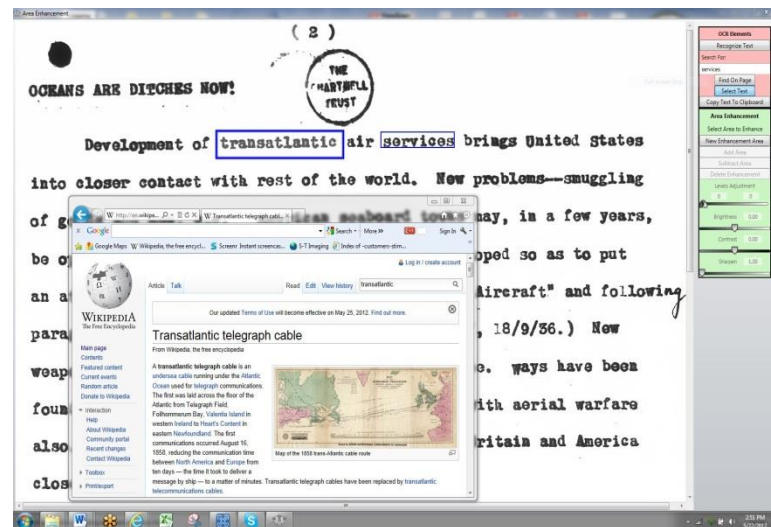
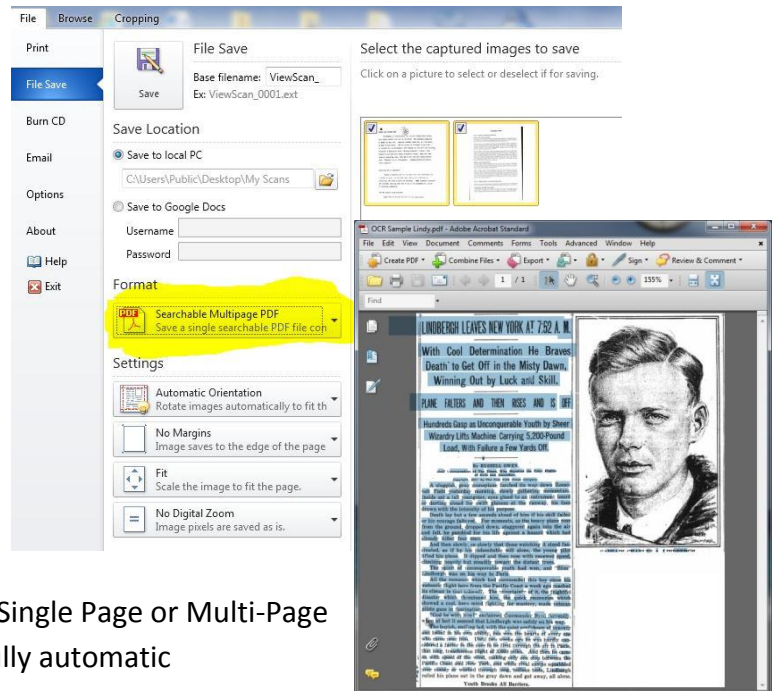


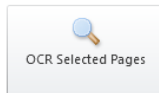
Figure 2: Copy words or phrases like "transatlantic" and then Paste to Google Search, Wikipedia, or other destinations including Word Documents and Spreadsheets

TOOL #2: IMMEDIATE CREATION OF SEARCHABLE PDF DOCUMENTS TOOL

- **Automatic Creation of Searchable PDF Documents:** Only ST Imaging's Exclusive Captured Image Bin feature allows you to see each page added to your collection of pages before you file them. You can then select which ones you want to print, save to any standard format, or convert to a Searchable PDF document.
- One click will select from all the images, only those you want to use, apply OCR, and then create Single Page or Multi-Page Searchable PDF document in a fully automatic background process.



TOOL #3: HANDS-ON OCR FILE EDITING TOOL



Sometimes you want to see what is going on during the conversion process. You want to be able to fine tune the areas of a page that are converted into text zones, image or photo content. You want to examine

the results of the conversion process and fine tune and edit the output.

- **The OCR Selected Pages Icon:** Launches the Hands On-OCR Editing Tool. This allows you to bring the conversion process to the foreground. Images you select from your collection of captured microfilm pages waiting to be distributed can be submitted to the OCR program, and the process is brought to the foreground. You can make changes, and you can correct your output for

any errors prior to saving.

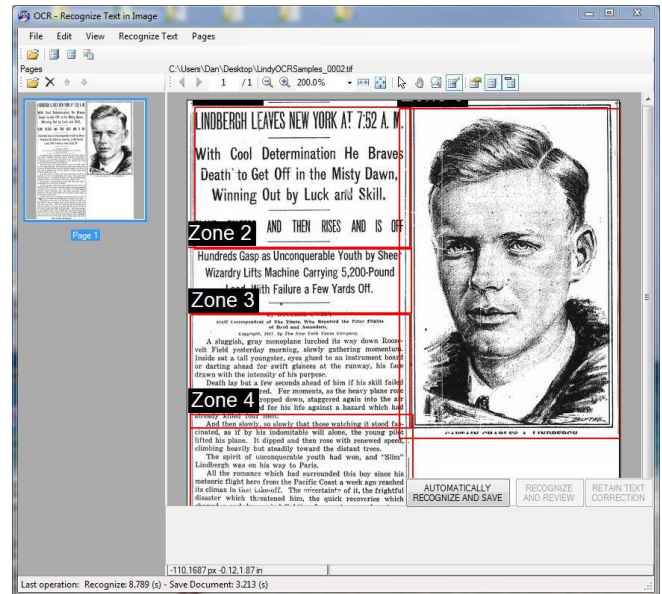


Figure 3: The powerful Hands-On Conversion tool is available from inside the ViewScan program and for use outside the program to convert previously saved files.

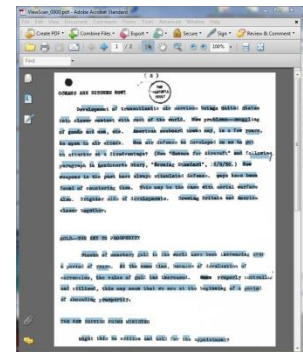
TOOL #4: DESKTOP OCR CONVERSION TOOL

- **OCR Existing Image Tool:** provides a robust and easy to use tool for converting



almost any graphics image files to searchable text documents. Just use the Desktop Icon to launch the "OCR Existing Image" Tool. Submit your images from any popular image file format, and

ST OCR will go to work converting your files to text searchable PDF documents, Word Documents, Rich Text and more. If those pages need enhancement, these features are also available to Deskew, Despeckle, Invert, Undither, Fill Characters, and much more. You can make changes, and you can correct your text output results for any errors or missing text prior to saving. This can be a foreground process that allows you to view and edit the results, or a completely automated background process.



Together, all of the powerful tools and performance in the ST OCR Searchable Text Tools provide a great compliment to the ST ViewScan system. Contact ST Imaging, or your authorized local reseller, to find out how easy it is to add this program to your ST ViewScan system.



ST Imaging

Collection Scanning Solutions



Why is the ST ViewScan III the best digital desktop scanner for microfiche?

When you scan from microfiche, you need to see what you are doing. It can be hard to find your place on a fiche card. Both of the other digital desktop scanners completely cover up the glass so you cannot see what you are doing. On the ScanPro models even if the camera housing was not in the way it would be very difficult to look at due to the harsh and very bright green light source. Insist on a system that uses a white light source under the film.

The ST ViewScan III has a glass area up to 40% larger than others, largest on the market, making it easier to load film and move around to an area of interest.

The ST ViewScan III has a cool white light DESIGNED to allow you to look at the Eye-Readable data found at the top of the fiche. In addition its only Green LED is a small vertical element on the front that serves an important function - to point exactly to the column of images in the middle of the camera viewing area to make it easier to find your place on the microfiche.

The digital zoom and automatic toggle between Fit (see all of fiche frame) and zoom level selected, allow fast view of details and return to full size for capture without the time and effort of zooming in and out, or the need to redraw or refresh the screen.

The system should use an Image Bin Process to allow the user to easily gather multiple images from one or more fiche, and sent them out together after review and or page by page enhancement, as a single document. ST Imaging uses the Image Bin process to allow staging, review, enhancement, and then selection from the group of saved images those to place in a multipage document. In addition the Image Bin image staging process allows the same set of images to be reviewed, enhanced, and then printed, emailed or saved without rescanning the images for the additional distribution process. Insist on a system that uses the Image Bin Process rather than scanning directly to a file folder or printer.



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847-501-3344
www.stimaging.com

January 5, 2015

To Whom it may concern:

This letter is to declare that NMS Imaging, is an authorized local Reseller for all ST Imaging products. NMS Imaging is authorized to provide sales, service, and support for ST ViewScan Digital Microfilm/ Microfiche Scanner systems and the ST 600-K Full Color Library Book Scanner Kiosk .

NMS Imaging has been trained by ST Imaging on how to install, train your employees on the use of the system and on how to support and provide software upgrades as needed for the ST ViewScan System and the ST 600-K Full Color Library Book Scanner Kiosk

NMS Imaging is the certified dealer; they have participated in company sponsored training programs for sales and service personnel. Because our equipment is very specialized and continually undergoes enhancements and improvements, we have elected to sell our products and parts only through an authorized reseller who is familiar with microfilm.

If you have any questions regarding this matter, please do not hesitate to call me at (847) 501-3344.

Sincerely,

Bruce

Bruce Rennecker
Vice President
ST Imaging, Inc.