Workforce WV

RFP WWV12105

Submitted on 12/5/2011
by IKON Office Solutions, Inc.

Mike Morgan, MAE

Tom Clark, PPS

IKON **Document Efficiency**
At Work.®

A RICOH COMPANY

State of West Virginia
Department of Administration
Purchasing Division
2019 Washington Street East
Post Office Box 50130
Charleston, WV 25305-0130

Request for Quotation

RFQ NUMBER	PAGE
WWV12105	1

ADDRESS CORRESPONDENCE TO ATTENTION OF:

FRANK WHITTAKER
304-558-2316

VENDOR	SHIP TO
IKON OFFICE SOLUTIONS 3006 MT. VERNON ROAD HURRICANE, WV 25526	WORKFORCE WEST VIRGINIA OFFICE OF ADMIN. SUPPORT-5302 112 CALIFORNIA AVENUE CHARLESTON, WV 25305-0112 304-558-2631

DATE PRINTED	TERMS OF SALE	SHIP VIA	F.O.B.	FREIGHT TERMS
10/31/2011				

BID OPENING DATE:	12/06/2011	BID OPENING TIME	01:30PM

LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
0001	1	LS		205-49		

COMPUTER PRINTERS

THE WEST VIRGINIA PURCHASING DIVISION, FOR THE AGENCY,
WORKFORCE WEST VIRGINIA, IS SOLICITING BIDS FOR
TWO (2) HIGH SPEED MICR PRINTERS PER THE ATTACHED
SPECIFICATIONS.

ALL TECHNICAL QUESTIONS MUST BE SUBMITTED IN WRITING TO
FRANK WHITTAKER IN THE WV PURCHASING DIVISION VIA EMAIL
AT FRANK.M.WHITTAKER@WV.GOV OR VIA FAX AT 304-558-4115.
DEADLINE FOR ALL TECHNICAL QUESTIONS IS 11/15/2011 AT
4:00 PM. ALL TECHNICAL QUESTIONS WILL BE ADDRESSED BY
ADDENDUM AFTER THE DEADLINE.
EXHIBIT 3

LIFE OF CONTRACT: THIS CONTRACT BECOMES EFFECTIVE ON
.... AND EXTENDS FOR A PERIOD OF ONE (1)
YEAR OR UNTIL SUCH "REASONABLE TIME" THEREAFTER AS IS
NECESSARY TO OBTAIN A NEW CONTRACT OR RENEW THE
ORIGINAL CONTRACT. THE "REASONABLE TIME" PERIOD SHALL
NOT EXCEED TWELVE (12) MONTHS. DURING THIS "REASONABLE
TIME" THE VENDOR MAY TERMINATE THIS CONTRACT FOR ANY
REASON UPON GIVING THE DIRECTOR OF PURCHASING 30 DAYS
WRITTEN NOTICE.

UNLESS SPECIFIC PROVISIONS ARE STIPULATED ELSEWHERE
IN THIS CONTRACT DOCUMENT, THE TERMS, CONDITIONS AND
PRICING SET HEREIN ARE FIRM FOR THE LIFE OF THE
CONTRACT.

RENEWAL: THIS CONTRACT MAY BE RENEWED UPON THE MUTUAL

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE	TELEPHONE 304-757-9699x125	DATE 12/6/2011
TITLE DIRECTOR OF SALES	FEIN 23-0334400	ADDRESS CHANGES TO BE NOTED ABOVE

WHEN RESPONDING TO RFQ, INSERT NAME AND ADDRESS IN SPACE ABOVE LABELED 'VENDOR'

State of West Virginia
Department of Administration
Purchasing Division
2019 Washington Street East
Post Office Box 50130
Charleston, WV 25305-0130

Request for Quotation

RFQ NUMBER	PAGE
WWV12105	2

ADDRESS CORRESPONDENCE TO ATTENTION OF:

FRANK WHITTAKER
304-558-2316

RFQ COPY
TYPE NAME/ADDRESS HERE

IKON Office Solutions
3006 Mt. Vernon Rd
Hurricane WV 25526

WORKFORCE WEST VIRGINIA
OFFICE OF ADMIN. SUPPORT-5302

112 CALIFORNIA AVENUE
CHARLESTON, WV
25305-0112   304-558-2631

DATE PRINTED	TERMS OF SALE	SHIP VIA	F.O.B.	FREIGHT TERMS
10/31/2011				

BID OPENING DATE:	12/06/2011		BID OPENING TIME	01:30PM

LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT

WRITTEN CONSENT OF THE SPENDING UNIT AND VENDOR,
SUBMITTED TO THE DIRECTOR OF PURCHASING THIRTY (30)
DAYS PRIOR TO THE EXPIRATION DATE. SUCH RENEWAL SHALL
BE IN ACCORDANCE WITH THE TERMS AND CONDITIONS OF THE
ORIGINAL CONTRACT AND SHALL BE LIMITED TO TWO (2) ONE
(1) YEAR PERIODS.

CANCELLATION: THE DIRECTOR OF PURCHASING RESERVES THE
RIGHT TO CANCEL THIS CONTRACT IMMEDIATELY UPON WRITTEN
NOTICE TO THE VENDOR IF THE COMMODITIES AND/OR SERVICES
SUPPLIED ARE OF AN INFERIOR QUALITY OR DO NOT CONFORM
TO THE SPECIFICATIONS OF THE BID AND CONTRACT HEREIN.

OPEN MARKET CLAUSE: THE DIRECTOR OF PURCHASING MAY
AUTHORIZE A SPENDING UNIT TO PURCHASE ON THE OPEN
MARKET, WITHOUT THE FILING OF A REQUISITION OR COST
ESTIMATE, ITEMS SPECIFIED ON THIS CONTRACT FOR
IMMEDIATE DELIVERY IN EMERGENCIES DUE TO UNFORESEEN
CAUSES (INCLUDING BUT NOT LIMITED TO DELAYS IN TRANS-
PORTATION OR AN UNANTICIPATED INCREASE IN THE VOLUME
OF WORK.)

QUANTITIES: QUANTITIES LISTED IN THE REQUISITION ARE
APPROXIMATIONS ONLY, BASED ON ESTIMATES SUPPLIED BY
THE STATE SPENDING UNIT. 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.

BANKRUPTCY: IN THE EVENT THE VENDOR/CONTRACTOR FILES
FOR BANKRUPTCY PROTECTION, THE STATE MAY DEEM THE
CONTRACT NULL AND VOID AND TERMINATE SUCH CONTRACT
WITHOUT FURTHER ORDER.

THE TERMS AND CONDITIONS CONTAINED IN THIS CONTRACT

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE	TELEPHONE	DATE
(signature)	304-757-9699x125	12/5/2011
TITLE *DIRECTOR OF SALES*	FEIN *23-0334400*	ADDRESS CHANGES TO BE NOTED ABOVE

WHEN RESPONDING TO RFQ, INSERT NAME AND ADDRESS IN SPACE ABOVE LABELED 'VENDOR'

State of West Virginia
Department of Administration
Purchasing Division
2019 Washington Street East
Post Office Box 50130
Charleston, WV 25305-0130

Request for Quotation

RFQ NUMBER	PAGE
WWV12105	3

ADDRESS CORRESPONDENCE TO ATTENTION OF:

FRANK WHITTAKER
304-558-2316

RFQ COPY
TYPE NAME/ADDRESS HERE

IKON Office Solutions
3006 Mt Vernon Rd
Hurricane WV 25526

WORKFORCE WEST VIRGINIA
OFFICE OF ADMIN. SUPPORT-5302

112 CALIFORNIA AVENUE
CHARLESTON, WV
25305-0112   304-558-2631

DATE PRINTED	TERMS OF SALE	SHIP VIA	F.O.B.	FREIGHT TERMS
10/31/2011				

BID OPENING DATE:	12/06/2011	BID OPENING TIME	01:30PM

LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT

SHALL SUPERSEDE ANY AND ALL SUBSEQUENT TERMS AND
CONDITIONS WHICH MAY APPEAR ON ANY ATTACHED PRINTED
DOCUMENTS SUCH AS PRICE LISTS, ORDER FORMS, SALES
AGREEMENTS OR MAINTENANCE AGREEMENTS, INCLUDING ANY
ELECTRONIC MEDIUM SUCH AS CD-ROM.

REV. 05/26/2009   NOTICE

A SIGNED BID MUST BE SUBMITTED TO:

          DEPARTMENT OF ADMINISTRATION
          PURCHASING DIVISION
          BUILDING 15
          2019 WASHINGTON STREET, EAST
          CHARLESTON, WV 25305-0130

THE BID SHOULD CONTAIN THIS INFORMATION ON THE FACE OF
THE ENVELOPE OR THE BID MAY NOT BE CONSIDERED:

SEALED BID

BUYER: 44

RFQ. NO.:   WWV12105

BID OPENING DATE: 12/06/2011

BID OPENING TIME: 1:30 PM

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE	TELEPHONE	DATE
Neal W. Well	304-757-9699x125	12/5/2011
TITLE *DIRECTOR OF SALES*	FEIN 23-0334400	ADDRESS CHANGES TO BE NOTED ABOVE

WHEN RESPONDING TO RFQ, INSERT NAME AND ADDRESS IN SPACE ABOVE LABELED 'VENDOR'

State of West Virginia
Department of Administration
Purchasing Division
2019 Washington Street East
Post Office Box 50130
Charleston, WV 25305-0130

Request for Quotation

RFQ NUMBER	PAGE
WWV12105	4

ADDRESS CORRESPONDENCE TO ATTENTION OF:

FRANK WHITTAKER
304-558-2316

RFQ COPY
TYPE NAME/ADDRESS HERE

VENDOR

Ikon Office Solutions
3006 Mt. Vernon Rd
Hurricane WV 25526

WORKFORCE WEST VIRGINIA
OFFICE OF ADMIN. SUPPORT-5302

112 CALIFORNIA AVENUE
CHARLESTON, WV
   25305-0112   304-558-2631

DATE PRINTED	TERMS OF SALE	SHIP VIA	F.O.B.	FREIGHT TERMS
10/31/2011				

BID OPENING DATE: 12/06/2011   BID OPENING TIME   01:30PM

LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT

PLEASE PROVIDE A FAX NUMBER IN CASE IT IS NECESSARY
TO CONTACT YOU REGARDING YOUR BID:

-------------- (304) 757-7840 --------------

CONTACT PERSON (PLEASE PRINT CLEARLY):

-------------- Mike Morgan --------------
(304) 575-2073
Michael.d.morgan1@Ricoh-usa.com

****** THIS IS THE END OF RFQ   WWV12105 ****** TOTAL:

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE	TELEPHONE 304-757-9699x125	DATE 12/5/2011
TITLE DIRECTOR OF SALES	FEIN 23-0334400	ADDRESS CHANGES TO BE NOTED ABOVE

WHEN RESPONDING TO RFQ, INSERT NAME AND ADDRESS IN SPACE ABOVE LABELED 'VENDOR'

STATE OF WEST VIRGINIA
WORKFORCE WEST VIRGINIA
REQUEST FOR QUOTATION

WWV12105

(High Speed Printers)

General Information

1.1   Purpose:

WorkForce West Virginia "WFWV" is soliciting bids from qualified vendors to provide two (2) high-speed MICR laser printers and to provide monthly maintenance and replenishment contracts for each printer.

1.2   Project Overview:

The printers must provide backbone connectivity to all data center printers to accomplish three things: (see attachment I)

(1) Provide better connectivity for IS&C mainframe print.
(2) Provide means to be able to print from any remote location, allowing us to function as a Print Service Bureau to other entities.
(3) Provide more versatile printing connectivity to accommodate Business Recovery.

The vendor will be entirely responsible for installation, implementation, and the transition of the system to Workforce West Virginia staff.

1.3   Environment and Infrastructure

The successful vendor will perform a walk-through immediately after the bid is awarded and will identify, in writing, any electrical, and/or environmental issues involving the proposed site and installation. Information must include, but will not be limited to, the following:

1. Number and types of electrical outlets required, with required voltages and amperages
2. Environmental requirements (air conditioning, etc.)
3. Telephone lines required for electronic support
4. Space Requirements
5. Any other environmental issues identified

Workforce West Virginia will be responsible for all environmental and electrical changes deemed necessary and agreed upon by Workforce West Virginia.

The successful vendor will review our existing networking and planned networking facilities to ensure they are sufficient for successfully connecting the procured equipment to our existing LAN and WAN.

Acceptance of our networking and planned networking installation and/or any changes necessary will be documented by the vendor in writing and presented to the Workforce West Virginia project manager.

Workforce West Virginia will be responsible for making networking changes deemed necessary and agreed to by Workforce West Virginia.

1.4 Project Management:

WFWV will name a qualified project manager, who will be responsible for assembling the Workforce West Virginia project team and will be the focal point of contact for all project issues.

The vendor must name a single point of contact to coordinate activities with designated Workforce West Virginia personnel for the duration of the project. The vendor's designated contact person will be the focal point of contact for Workforce West Virginia personnel.

1.5 Installation

Installation of the purchased equipment will be implemented on a staggered basis. The first unit will be installed, tested, and placed in operation. After successful implementation, the second unit will be installed. The vendor must perform the installation on-site, and verify connectivity and proper operation to the satisfaction of the Workforce West Virginia project team. Installation shall be deemed complete when all hardware and software components are installed, fully configured and operational, tested, and successfully printing customer data to the satisfaction of the Workforce West Virginia project team.

The vendor must be responsible for the following:

1. Installation of first printer system
2. Installation of the operating systems of purchased equipment and all purchased software.
3. Patching the operating systems and all purchased software to the current level if applicable.
4. Successful configuration and connection to our existing network as defined in the RFQ.
5. All applications will be printed, tested, and verified as accurate and acceptable, including successful MICR check reject test.
6. Installation of second printer system and completion of testing.

Vendor shall be responsible for testing the installed equipment. All test results (documents, forms, checks, software and connectivity) must be documented in writing by the vendor and must be verified and accepted in writing by the Workforce West Virginia project team.

Test results must be documented in writing, presented to the Workforce West Virginia team for review, and subject to their written approval.

1.6   Documentation and Implementation

Upon completion of installation and vendor testing, the vendor will be required to provide Key operator documentation including the following:

1.   Hardware documentation manuals
2.   Software Documentation manuals
3.   Hardware configuration layout diagram
4.   Key Operator equipment maintenance documentation.

After the Workforce West Virginia project team accepts the documentation, a meeting **must** be scheduled, on the day that installation is completed, to discuss system turnover for support by Workforce West Virginia's Management Information Systems Division. The vendor **must** provide appropriate technical staff on-site for no less than one day while the operation and support of the installed systems is being transitioned to MIS staff members.

Printer Specifications

(1) Solution must have a minimum Sun Ultra 45 Print Controller, 1.6 GHz UltraSPARC III processor, 1GB memory, 250 GB hard drive, CD-RW/DVD-ROM drive, Ethernet interface (10,100,1000 Base T), Solaris 10 operating system, Adobe high-speed rip, or equal.
Exceeds requirements.

(2) Document Buffer - 10,000 pages, automatic page level recovery, and queue print ready jobs for minimal inter-job delay.
Meets all requirements.

(3) Printer must support TCP/IP with Ethernet connectivity.
Meets all requirements.

(4) Solution must provide support for Adobe PostScript 3, Adobe PDF 1.6, HP-PCL 6, TIFF group4, ASCII, and LCDS data streams with embedded DJDE's
Meets all requirements.

(5) Printer solution must support Windows NT OS 4.0, 2000, XP, Macintosh OS X, and UNIX/LPR print.
Meets all requirements.

(6) The printer solution must support all existing Elixir forms and resources.
IKON's solution meets all existing Elixir Forms and Resource requirements

(7) The printer solution must be compatible with all existing LCDS embedded form and resources calls within the data stream from the mainframe.
IKON's solution meets all compatibility requirements for all existing LCDS Embedded Forms and Resource Calls with the data stream from the Mainframe

(8) Each printer must have a duty cycle capable of printing up to 1 million or more impressions per month.
Exceeds all requirements. Each printer is capable of printing up to 4 million impressions per month to allow for growth opportunity.

(9) Each printer must print at a minimum of 115 impressions per minute (simplex or duplex). Each printer must be field upgradeable to a speed no higher than 300 impressions per minute if needed.
Each printer is capable of printing 125 impressions per minute (simplex or duplex). Each printer is field upgradable from 125 impressions per minute (Simplex) to 300 images per minute (Duplex). When field upgraded to 300 images per minute (Duplex), each printer is capable of producing 8 million impressions per month

(10)Printers must support 600 DPI.
Meets all requirements.

(11)Printers must support simplex and duplex operation.
Meets all requirements.

(12)Printers must support paper weights from 16 lb. to 110 lb. index, expandable to 150 lb. index.
Meets all requirements.

(13)Printers must support paper sizes from 8"x9" to 18"x14".
Meets all requirements. Minimum compatible paper size is 7" x 8" to a maximum of 18.5" x 14.33

(14)Printers must support label stock, pre-perforated stock, and pre-drilled paper.
Meets all requirements.

(15)Each printer must have a least 6 input trays - totaling 8,000 sheets, expandable to 9 input trays – 12,000 sheets.
Meets all requirements. IKON's proposed solution has 6 input trays totaling 8,000 sheets and is expandable to 9 input trays totaling 12,000 sheets

(16)All paper trays must utilize air knife / vacuum feed system to reduce paper misfeeds and improve reliability.
Meets all requirements. Air Knife/Vacuum Feed System is available in all paper drawers. This is the most reliable paper feeding method proven over the years for use in high speed offset presses

(17)Each printer must have capability to add the optional post fuser inserter
Meets all requirements. An optional post fuser inserter has 3 paper trays totaling 4,000 sheet capability.

(18)Printers must have straight paper path for simplex operation.
Meets all requirements. The proposed solution has a short straight, waist high paper path, approximately 54" (137 CM) for Simplex operation

(19)Printers must have active registration for both in-track and cross-track up to .030 inch.
Meets all requirements. Active Registration for both In-Track and Cross-Track up to 0.0030" Front to Back. Center Based Registration Process holds specified tolerances for consistant performance

(20)Printer imaging system must be "write black" for superb image quality.
Meets requirements.

(21)Prefer printers have removable MICR feature to save on ink costs.
The proposed solution has a removable MICR Printing Station which can be changed on a job-by-job basis. This capability can add an additional level of security. In addition, the proposed solution offers better asset utilization resulting in potential cost savings. IKON also provides a MICR Check Guarrentee. MICR Certification: (1) PIRA Grade 1 Certification for fraud resistence; (2) Complies with relevant ANSI Standards; (3) APACS Certified for Voucher Infilling and MICR Code-Line Printing.

(22)Prefer printers have self-cleaning coronas.
Meets all requirements.

(23)Printers must have finisher with a minimum of 100 sheet (20lb. bond) stapling capability. Finisher must stack a minimum of 2,500 sheets with off-set capability (staple or non-staple mode). **Meets all requirements**

(24)Printers must support multi-position staple capability. **Meets all requirements. The proposed printing solution provides multi-position staple, subset stapling, and 100-page stitch capability. Staple is a measure stitch based on the thickness of the document.**

(25)Each printer must have a minimum of a 2,500 sheet stacker unit with two removable dollys with capability to add 2 additional stacking units for a maximum total of 15,000 sheets (must have off-set stacking capability). **Meets all requirements. Each printer has a 5,000 sheet stacker with two removable dollys. Each printer has the capability to add 2 additional stacking units for a total of 15,000 sheets with off-set stacking capability.**

(26)Stacker must be fully integrated page level recovery. **Meets all requirements**

(27)Printers must support load / unload while running. **Meets all requirements**

(28) The system must have a centralized printer controller interface with the capability of capturing and managing mainframe and network jobs. **Meets all requirements. The proposed solution captures mainframe and network-based jobs to a centralized controller. Print jobs can be passed through directly to either printer or held in a job queue for later print distribution in its entirety or on a page-range basis. When held in the print queue, jobs can be prioritized and/or reprinted without resubmission from the host.**

(29)The system must provide turn-key emergency back-up for the hardware and software solution. **Meets all requirements. The proposed solution includes On-Site Backup for the hardware and software**

(30)System must have the option of storing and retrieving all required LCDS/Metacode resources either on a centralized control system or a secured network repository. **Meets all requirements. All LCDS/Metacode Resources can be stored on the local controller or in the network directory accessible by the controller**

(31)System must consolidate all existing resource libraries into one master library. **Meets all requirements**

(32)System must be able to split jobs and route to authorized postscript printers. **Meets all requirements. IKON's proposed solution is able to separate jobs and direct to appropriate printing device for load balancing**

(33)System must be able to reprint jobs in its entirety or by page range. The production staff must be able to initiate their own page-level reprints without recomposing or initiating actions on the mainframe.

Meets all requirements. The proposed solution captures mainframe and network-based jobs to a centralized controller. Print jobs can be passed through directly to either printer or held in a job queue for later print distribution in its entirety or on a page-range basis. When held in the print queue, jobs can be prioritized and/or reprinted without resubmission from the host

(34)System must have the capability to route color network applications as well as mainframe color applications to color network printer.

Meets all requirements.

(35)The printer system must have the capability to quickly resume printing from an interruption and reprint the affected page.

Meets all requirements.

(36)The successful vendor must provide analyst support with Elixir Forms Design training and mainframe programming experience utilizing current and legacy LCDS data streams (Line Conditioned Data Streams. Analyst must have a minimum of two references detailing customer experience in an LCDS mainframe environment using DJDE (Dynamic Job Descriptor Entries) and JSL (Job Source Language) programming to design and maintain Elixir form calls.

The proposed IKON Solution meets the bid requirements for Analyst support. The Analyst has over twenty (20) years of experience in designing and developing Elixir forms in the Mainframe LCDS data stream environment utilizing DJDE form and resource call programming to merge Elixir forms and resources with legacy as well as new development applications. IKON's Analyst has worked with Workforce West Virginia for over twenty (20) years and is familiar with the environment, infrastructure and workflow.

References:
(1) Susan Neel, Highmark/Blue Cross Blue Shield, (740) 359-0147
(2) Mike White, BB & T, (304) 353-1798.

(37)Vendor must be able to provide a minimum of 2 trained service technicians for diagnostics and on-site repairs.

IKON has two (2) Sr. Service Technicians residing in Charleston WV fully trained on the proposed solution with 23 years and 29 years tenure respectively

(38)Vendor must provide (1) hour call back, and (2) hour on-site support.

Meets all requirements

(39)Vendor must provide 24 hour per day customer hotline support.

Meets all requirements

(40)Vendor must provide on-site analyst technical support as needed.

IKON will provide a fully trained Analyst with over 20 years of experience in a Mainframe LCDS environment with DJDE and JSL programming skills. IKON's Analyst is fully trained on all proposed software, printing systems products and Elixir Forms design

(41)Vendor must provide one (1) day consisting of 7.5 hours of on-site training for three (3) staff members. Vendor must provide ongoing training as required at no cost.
IKON will meet and/or exceed all requirements. If awarded RFP, IKON will provide a detailed Implementation and Training Schedule including a detailed Statement of Work

(42)Vendor must provide 24 hours 7 days a week technical support.
IKON will meet this requirement

(43)Vendor must provide monthly printer maintenance and monthly account reviews in person to Cost Center Manager and Data Center Supervisor.
IKON will meet and participate in the required monthly account reviews. In addition, IKON Representatives will be available for any additional unscheduled meetings as needed

(44)Proposed equipment must be newly manufactured, not remanufactured or used. The proposed equipment warranty will include all machine operating system software, printer controller software, as well as all future software updates and technical phone support for a period of five years as well as all replenishment. MUST include parts, labor and ink. Excludes paper and staples.
The proposed equipment will be newly manufactured, not remanufactured or used. All operating system software, printer control software, future updates and technical phone support will be included in the cost of the equipment for a 5-year period. Replenishment items, parts and labor are included within the maintenance contract, excluding paper and staples.
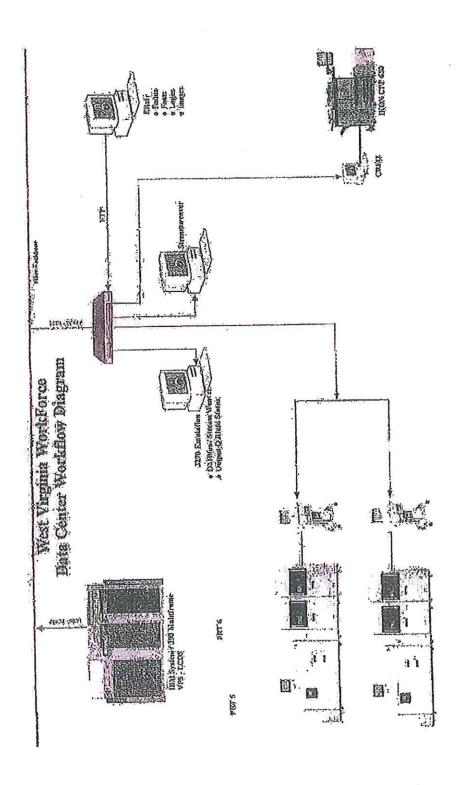
(45)Proposed equipment must fit within a 4'by 14' footprint, the same as existing equipment.
Meets all requirements

(46)Vendor shall provide annual maintenance costs: Monthly Charges, pages included. Overages-Cost per page.
Meets all requirements. See attached pricing section

Reservation of Rights—In response to your invitation, we are pleased to submit this proposal for your consideration. We recognize your right to negotiate and approve the terms and conditions of any contract following award and respectfully reserve the right to do the same. We acknowledge that all contract terms and conditions must be mutually agreed upon by both of us. Our proposal represents our commitment with respect to pricing, equipment specifications and service levels and contemplates that both parties reserve the right to review and negotiate appropriate and mutually acceptable terms and conditions in the exercise of good faith. As is customary for transactions of this type, our proposal is based upon the information provided by you and the assumptions set forth in our response, and any changes to such information or assumptions may, if material, require modification. Upon award, we will be pleased to work with you to promptly finalize mutually acceptable contract terms and, if applicable, provide copies of appropriate contract forms for that purpose.

ATTACHMENT I

West Virginia WorkForce
Data Center Workflow Diagram

COST SHEET FOR WWV1205

HIGH SPEED PRINTERS

NAME OF VENDOR **IKON Office Solutions**

	COST PER PRINTER	QUANTITY	EXTENDED COST A
ALL PRINTER HARDWARE & SOFTWARE INCLUDING INSTALLATION, FIVE (5) YEAR WARRANTY, SOFTWARE UPDATES PER YEAR DURING FIVE YEAR WARRANTY	$ 211,315.00	2	$ 422,630.00
*** SEE NOTE BELOW REPLENISHMENT COST PER CLICK FOR CLICKS EXCEEDING ONE (1) MILLION PER MONTH FOR BOTH PRINTERS POOLED	COST PER CLICK $ 0.0065/click*	ESTIMATED QUANTITY POOLED 5000	EXTENDED COST $ 32.50
			TOTAL A: $ 422,662.50

* NOTE: $0.0065 click charge includes on-site repair (24 hours/7 days per week) including all parts, labor, and supplies (excluding paper and staples)

MAINTENANCE PER YEAR- should include replenishment cost per click for clicks NOT exceeding one (1) million per month (for both printers pooled) *	EACH	QUANTITY	EXTENDED COST B
First Year Maintenance	$ 39,000.00	2	$ 78,000.00
Second Year Maintenance	$ 39,000.00	2	$ 78,000.00
Third Year Maintenance	$ 39,000.00	2	$ 78,000.00
Fourth Year Maintenance	$ 39,000.00	2	$ 78,000.00
Fifth Year Maintenance	$ 39,000.00	2	$ 78,000.00
			TOTAL B: $ 390,000.00

* NOTE: $0.0065 click charge includes on-site repair (24 hours/7 days per week) including all parts, labor, and supplies (excluding paper and staples)

GRAND TOTAL = EXTENDED COST A + B = $ 812,662.50 _____

By signing below the responding vendor hereby certifies that they have read and understood this RFQ and agree to meet all mandatory requirements contained therein.

VENDOR NAME:___*IKON Office Solutions*_____

AUTHORIZED REPRENSENTATIVE SIGNATURE___*N. Will*___ 12/5/2011

NOTE;

*** ESTIMATE GIVEN IS FOR BIDDING PURPOSES ONLY. ACTUAL QUANTITIES WILL VARY.

IKON Office Solutions Local Support Team:

Dan McCutcheon	Sales Manager
Tom Clark	Print Production Specialist
Mike Morgan	Major Account Executive
Mike Pelfrey	Production Printing Systems Engineer
John Hammond	Service Manager
Bob Brogan	Sr. Service Technician
Kenny Sparks	Sr. Service Technician
Jim Lemley	Sr. Service Technician

State of West Virginia
VENDOR PREFERENCE CERTIFICATE

Certification and application* is hereby made for Preference in accordance with *West Virginia Code*, §5A-3-37. (Does not apply to construction contracts). *West Virginia Code*, §5A-3-37, provides an opportunity for qualifying vendors to request (at the time of bid) preference for their residency status. Such preference is an evaluation method only and will be applied only to the cost bid in accordance with the *West Virginia Code*. This certificate for application is to be used to request such preference. The Purchasing Division will make the determination of the Resident Vendor Preference, if applicable.

1. ____ **Application is made for 2.5% resident vendor preference for the reason checked:**
   Bidder is an individual resident vendor and has resided continuously in West Virginia for four (4) years immediately preceding the date of this certification; **or,**

   ____ Bidder is a partnership, association or corporation resident vendor and has maintained its headquarters or principal place of business continuously in West Virginia for four (4) years immediately preceding the date of this certification; or 80% of the ownership interest of Bidder is held by another individual, partnership, association or corporation resident vendor who has maintained its headquarters or principal place of business continuously in West Virginia for four (4) years immediately preceding the date of this certification; **or,**

   ____ Bidder is a nonresident vendor which has an affiliate or subsidiary which employs a minimum of one hundred state residents and which has maintained its headquarters or principal place of business within West Virginia continuously for the four (4) years immediately preceding the date of this certification; **or,**

2. **X** **Application is made for 2.5% resident vendor preference for the reason checked:**
   Bidder is a resident vendor who certifies that, during the life of the contract, on average at least 75% of the employees working on the project being bid are residents of West Virginia who have resided in the state continuously for the two years immediately preceding submission of this bid; **or,**

3. ____ **Application is made for 2.5% resident vendor preference for the reason checked:**
   Bidder is a nonresident vendor employing a minimum of one hundred state residents or is a nonresident vendor with an affiliate or subsidiary which maintains its headquarters or principal place of business within West Virginia employing a minimum of one hundred state residents who certifies that, during the life of the contract, on average at least 75% of the employees or Bidder's affiliate's or subsidiary's employees are residents of West Virginia who have resided in the state continuously for the two years immediately preceding submission of this bid; **or,**

4. ____ **Application is made for 5% resident vendor preference for the reason checked:**
   Bidder meets either the requirement of both subdivisions (1) and (2) or subdivision (1) and (3) as stated above; **or,**

5. ____ **Application is made for 3.5% resident vendor preference who is a veteran for the reason checked:**
   Bidder is an individual resident vendor who is a veteran of the United States armed forces, the reserves or the National Guard and has resided in West Virginia continuously for the four years immediately preceding the date on which the bid is submitted; **or,**

6. ____ **Application is made for 3.5% resident vendor preference who is a veteran for the reason checked:**
   Bidder is a resident vendor who is a veteran of the United States armed forces, the reserves or the National Guard, if, for purposes of producing or distributing the commodities or completing the project which is the subject of the vendor's bid and continuously over the entire term of the project, on average at least seventy-five percent of the vendor's employees are residents of West Virginia who have resided in the state continuously for the two immediately preceding years.

Bidder understands if the Secretary of Revenue determines that a Bidder receiving preference has failed to continue to meet the requirements for such preference, the Secretary may order the Director of Purchasing to: (a) reject the bid; or (b) assess a penalty against such Bidder in an amount not to exceed 5% of the bid amount and that such penalty will be paid to the contracting agency or deducted from any unpaid balance on the contract or purchase order.

By submission of this certificate, Bidder agrees to disclose any reasonably requested information to the Purchasing Division and authorizes the Department of Revenue to disclose to the Director of Purchasing appropriate information verifying that Bidder has paid the required business taxes, provided that such information does not contain the amounts of taxes paid nor any other information deemed by the Tax Commissioner to be confidential.

Under penalty of law for false swearing (West Virginia Code, §61-5-3), Bidder hereby certifies that this certificate is true and accurate in all respects; and that if a contract is issued to Bidder and if anything contained within this certificate changes during the term of the contract, Bidder will notify the Purchasing Division in writing immediately.

Bidder: *IKON Office Solutions*   Signed: *[signature]*

Date: *12/5/2011*   Title: *DIRECTOR OF SALES*

Check any combination of preference consideration(s) indicated above, which you are entitled to receive.

RFQ No. WWV12105

STATE OF WEST VIRGINIA
Purchasing Division

PURCHASING AFFIDAVIT

West Virginia Code §5A-3-10a states: 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 the debt owed is an amount greater than one thousand dollars in the aggregate.

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.
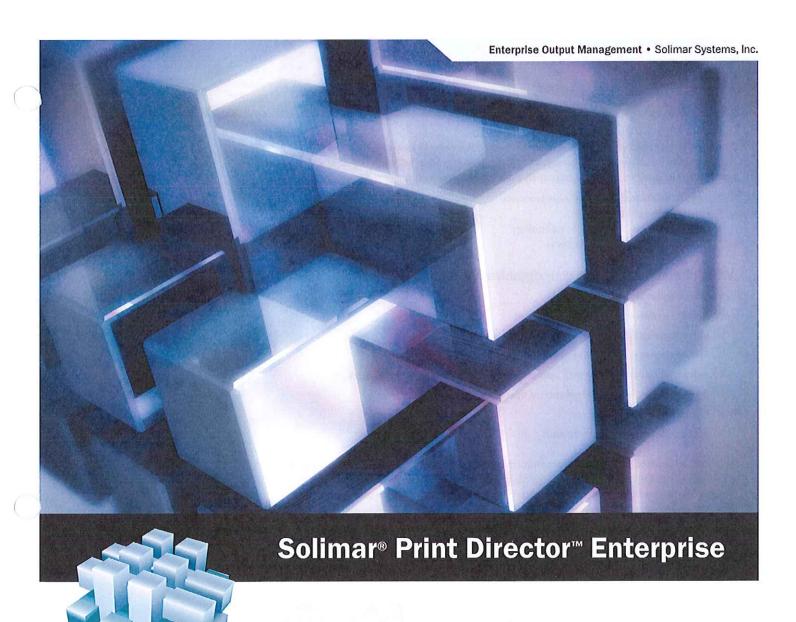
"Debtor" means any individual, corporation, partnership, association, limited liability company or any other form or business association owing a debt to the state or any of its political subdivisions. "Political subdivision" means any county commission; municipality; county board of education; any instrumentality established by a county or municipality; any separate corporation or instrumentality established by one or more counties or municipalities, as permitted by law; or any public body charged by law with the performance of a government function or whose jurisdiction is coextensive with one or more counties or municipalities. "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 exceed five percent of the total contract amount.

EXCEPTION: The prohibition of this section does not apply where a vendor has contested any tax administered pursuant to chapter eleven of this 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.

Under penalty of law for false swearing (*West Virginia Code* §61-5-3), it is hereby certified that the vendor affirms and acknowledges the information in this affidavit and is in compliance with the requirements as stated.

WITNESS THE FOLLOWING SIGNATURE

Vendor's Name: _Ikon Office Solutions_

Authorized Signature: _William W. Will_   Date: _12/5/2011_

State of _WV_

County of _Kanawha_ , to-wit:

Taken, subscribed, and sworn to before me this _5_ day of _December_ , 20 _11_.

My Commission expires _August 6_ , 20_20_.

AFFIX SEAL HERE   NOTARY PUBLIC _Patti S. Lowe_

NOTARY PUBLIC OFFICIAL SEAL
PATTI S. LOWE
State of West Virginia
My Comm. Expires Aug 6, 2020
1411 Virginia St E. Charleston, WV 25301

Purchasing Affidavit (Revised 12/15/09)

Solimar® Print Director™ Enterprise

Enterprise Output Management Solution

The Solimar® Print Director™ Enterprise is a client-server-based enterprise print management solution designed to improve the performance of production output processes and optimize management control.

Utilizing advanced technology, Solimar® Print Director™ Enterprise combines multi-level security, remote administrator and operator access, event logging and notification, direct device connectivity capabilities, powerful job routing and tracking with industry-leading data stream transformations.

SOLIMAR
SYSTEMS, INC

Print Smarter.™

Why Upgrade to Solimar Print Director Enterprise (SPDE)?

Solimar Systems has a proven track record of helping clients obtain long-term value by extending the useful life of its solutions through product upgrades. Solimar's solutions are specifically designed to anticipate constantly evolving business requirements, including:

- Improvements to existing business processes
- Functionality enhancements
- Opportunities to leverage new technology
- Changing regulatory requirements

Which functionality does your organization require?

☑ Client-server architecture

☑ Remote administration and management

☑ Event notification

☑ System message controls and filtering

☑ Advanced system security with operator log-in assigned rights and privileges

☑ Support for industry standard current operating system

☑ Optimized user interface

☑ Maximum processing performance

If any of the checked items can improve your environment, it is recommended that you upgrade to Solimar Print Director Enterprise. Upgrade to SPDE today to experience the exciting new technology that can empower you to greatly improve productivity and dramatically reduce the time and cost of output operations.

Solimar has over 45,000 products installed in thousands of sites worldwide.

SOLIMAR

FACTOID

SPDE Client Server Architecture

SPDE Administrator Console

SPDE Operator Console

SPDE Engines (1-N)

Operator Consoles (1-N)

SPDE Engine
Connectivity
Conversions
Job Management
Workflow Control
Security Manager

Solimar® Print Director™ Enterprise

Enterprise Output Management Solution

The Solimar® Print Director™ Enterprise is a client-server-based enterprise print management solution designed to improve the performance of production output processes and optimize management control.

Utilizing advanced technology, Solimar® Print Director™ Enterprise combines multi-level security, remote administrator and operator access, event logging and notification, direct device connectivity capabilities, powerful job routing and tracking with industry-leading data stream transformations.

SOLIMAR
SYSTEMS, INC

Print Smarter.™

Solimar Systems has a proven track record of helping clients obtain long-term value by extending the useful life of its solutions through product upgrades. Solimar's solutions are specifically designed to anticipate constantly evolving business requirements, including:

- Improvements to existing business processes
- Functionality enhancements
- Opportunities to leverage new technology
- Changing regulatory requirements

Which functionality does your organization require?

- ☑ Client-server architecture
- ☑ Remote administration and management
- ☑ Event notification
- ☑ System message controls and filtering
- ☑ Advanced system security with operator log-in assigned rights and privileges
- ☑ Support for industry standard current operating system
- ☑ Optimized user interface
- ☑ Maximum processing performance

If any of the checked items can improve your environment, it is recommended that you upgrade to Solimar Print Director Enterprise. Upgrade to SPDE today to experience the exciting new technology that can empower you to greatly improve productivity and dramatically reduce the time and cost of output operations.

Solimar has over 45,000 products installed in thousands of sites worldwide.

SOLIMAR

FACTOID

SPDE Client Server Architecture

SPDE
Administrator
Console

SPDE
Operator
Console

SPDE
Engines
(1-N)

Operator
Consoles
(1-N)

SPDE Engine
Connectivity
Conversions
Job Management
Workflow Control
Security Manager

Solimar® Print Director™ Enterprise

Enterprise Output Management Solution

The Solimar® Print Director™ Enterprise is a client-server-based enterprise print management solution designed to improve the performance of production output processes and optimize management control.

Utilizing advanced technology, Solimar® Print Director™ Enterprise combines multi-level security, remote administrator and operator access, event logging and notification, direct device connectivity capabilities, powerful job routing and tracking with industry-leading data stream transformations.

SOLIMAR®
SYSTEMS, INC

Print Smarter.™

Solimar Systems has a proven track record of helping clients obtain long-term value by extending the useful life of its solutions through product upgrades. Solimar's solutions are specifically designed to anticipate constantly evolving business requirements, including:

- Improvements to existing business processes
- Functionality enhancements
- Opportunities to leverage new technology
- Changing regulatory requirements

Which functionality does your organization require?

☑ Client-server architecture

☑ Remote administration and management

☑ Event notification

☑ System message controls and filtering

☑ Advanced system security with operator log-in assigned rights and privileges

☑ Support for industry standard current operating system

☑ Optimized user interface

☑ Maximum processing performance

If any of the checked items can improve your environment, it is recommended that you upgrade to Solimar Print Director Enterprise. Upgrade to SPDE today to experience the exciting new technology that can empower you to greatly improve productivity and dramatically reduce the time and cost of output operations.
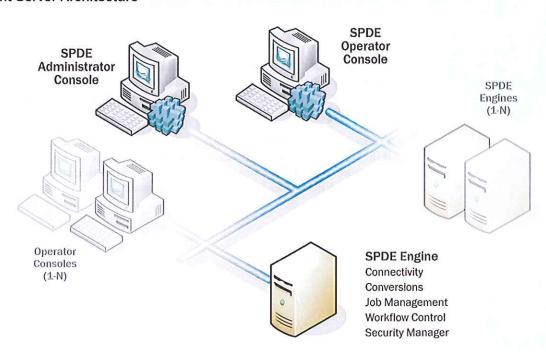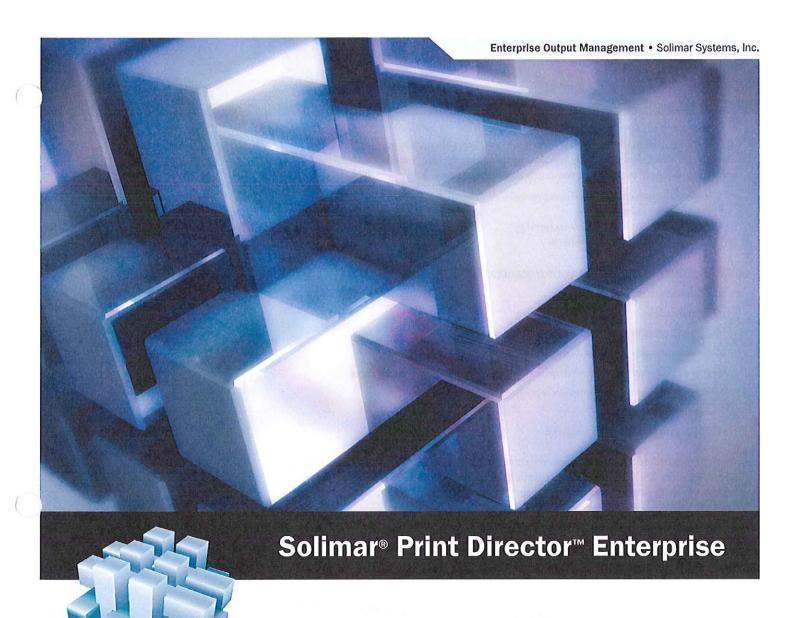
Solimar has over 45,000 products installed in thousands of sites worldwide.

SOLIMAR

FACTOID

SPDE Client Server Architecture

SPDE Administrator Console

SPDE Operator Console

Operator Consoles (1-N)

SPDE Engines (1-N)

SPDE Engine
Connectivity
Conversions
Job Management
Workflow Control
Security Manager

Solimar® Print Director™ Enterprise

Enterprise Output Management Solution

The Solimar® Print Director™ Enterprise is a client-server-based enterprise print management solution designed to improve the performance of production output processes and optimize management control.

Utilizing advanced technology, Solimar® Print Director™ Enterprise combines multi-level security, remote administrator and operator access, event logging and notification, direct device connectivity capabilities, powerful job routing and tracking with industry-leading data stream transformations.

SOLIMAR
SYSTEMS, INC

Print Smarter.™

Solimar Systems has a proven track record of helping clients obtain long-term value by extending the useful life of its solutions through product upgrades. Solimar's solutions are specifically designed to anticipate constantly evolving business requirements, including:

- Improvements to existing business processes
- Functionality enhancements
- Opportunities to leverage new technology
- Changing regulatory requirements

Which functionality does your organization require?

☑ Client-server architecture

☑ Remote administration and management

☑ Event notification

☑ System message controls and filtering

☑ Advanced system security with operator log-in assigned rights and privileges

☑ Support for industry standard current operating system

☑ Optimized user interface

☑ Maximum processing performance

If any of the checked items can improve your environment, it is recommended that you upgrade to Solimar Print Director Enterprise. Upgrade to SPDE today to experience the exciting new technology that can empower you to greatly improve productivity and dramatically reduce the time and cost of output operations.
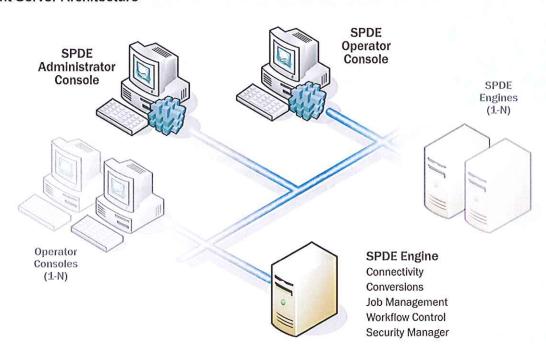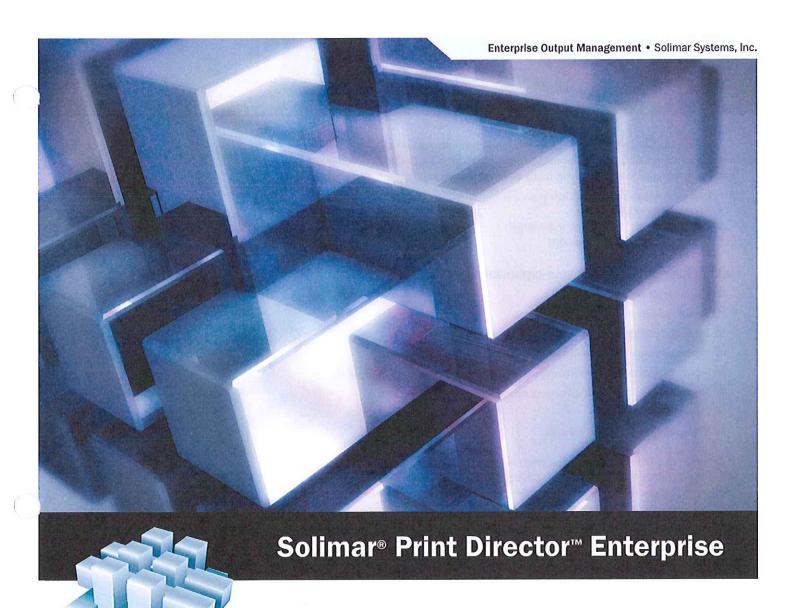
SOLIMAR

Solimar has over 45,000 products installed in thousands of sites worldwide.

FACTOID

SPDE Client Server Architecture

SPDE Administrator Console

SPDE Operator Console

SPDE Engines (1-N)

Operator Consoles (1-N)

SPDE Engine
Connectivity
Conversions
Job Management
Workflow Control
Security Manager

Enhanced Performance

- Client-server architecture, optimized for Windows® XP and 2003 Server
- SPDE "Engine" runs as a service - separate administrator and operator interfaces remotely connect to engine
- Increased processing performance of data stream transforms
- Up to 4 concurrent PS/PDF::xx transforms
- XML-based configuration file settings load and save faster
- Further increase performance by leveraging the latest hardware advancements - hyper-threading and dual-core CPUs

Added Control and Management for Administrators

- Remote access
- Multi-level security - secure login, operator assigned rights/privileges
- Separate interfaces for system administration and operator job control
- Track and control operator activity based on logical queues
- Set Start Point and compilers can run as standalone applications

Increased Productivity with Event Notification and Messaging

- Customized event driven alerts - speaker beeps, text to speech, .wav files, e-mail
- Enhanced system messaging - custom message tabs, message filters, global message view, queue messaging

Improved Operator Efficiency

- Enhanced Windows® XP and 2003 Server user interface
- New Queue Manager console facilitates process automation
- Monitor and control all jobs and queues from a single or multiple windows
- Logical queues can be grouped together for easy monitoring
- Queue views can be customized for each operator
- Multiple users can manage job workflow concurrently
- Enhanced methods to manage operator prompts/interventions - reprints, start commands
- Simplifies managing manual and/or automated processes
- Additional job status information - moving, adding, deleting, copying
- Easier and improved control reduces operator errors

Print Smarter.™

The Solimar Print Director Enterprise (SPDE) is a set of programs designed to turn your computer into a powerful enterprise output management system. SPDE connects host computers to production printers that, under normal circumstances, cannot interface with each other. For example, SPDE can be used to connect midrange or mainframe hosts and networks to one or more printers and archive systems.

SPDE allows you to print from multiple host computers to multiple printing devices simultaneously. It can also perform multiple conversion routines on each print file.

By supporting combinations of inputs, outputs, and conversions, SPDE gives you a powerful print manager that transparently connects your host systems with the production printers your company needs. As your requirements grow, you can add software modules, install additional inputs and outputs, or upgrade to take advantage of new features and capabilities. The power of SPDE lies in its ability to interface with virtually any host or printer. Moreover, its processing control, conversion routines, and job management capabilities allow a very high degree of control over your printing environment.

SPDE Workflow Diagram

Multiple SPDE Engines (optional) (1-N)

TCP/IP Network

SPDE Engine
Enforce Security Protocol
Device Connectivity
Data transforms
Event Notification
Control Job Messaging
Manage Jobs/Queues

(1-N)

Multiple SPDE Queue Managers (optional)

SPDE System Manage
Assign Security Permission
Set Job/Queue Properties
Develop Job Workflows
Import/Export Configuratic

SPDE Queue Manager
Implement Job Workflows
View Jobs and Queues
Process/Halt Jobs
Resolve Interventions
Reprints

Production Print
Workgroup Printers
Production Printers
Multi-Function Devices
Full Color | Highlight | B&W

Web Presentment
Secure Report Access
Internal Report Distributio
Document Assembly
Report Data Mining

Solimar Solutions
SOLsearcher™ Enterprise
SOLindexer™

Product Features
- Client-server architecture
- Enhanced Windows® UI to view and control all job queues
- Administrator and operator interfaces
- Integrated connectivity
- Powerful print data transforms
- Event notification
- Integrated multi-level security
- Multiple CPU support
- Remote viewing/control for multiple users simultaneously
- SPDE "Engine" runs as a service

Product Benefits
- Remote administration and management
- Centralized processing
  - Less training
  - More adaptable to change
  - Easier operations
- Increase productivity
- Extend life of current printer investments
- Enable new devices with existing applications
- Part of overall workflow strategy
  - Postal cleanse/sort
  - Data enhancement
  - Archive
- Centralized resource management
- Seamless reprint capabilities
- Customizable queue views for operators

Queue Management Features
- Auto/manual routing
- Auto job retain/delete
- Banner/trailer pages
- Bookmaking
- Data modification
- Drag-and-drop GUI
- Exception controls
- File naming
- Job parsing
- Job tracking
- Load balancing
- Log system activity
- Page range/job reprints
- Pre-pend/append data
- Queue/job security control
- Redirect cancelled jobs
- Single view of all system queues
- Timed releaseTrack operator activity

Enhanced Performance

- Client-server architecture, optimized for Windows® XP and 2003 Server
- SPDE "Engine" runs as a service - separate administrator and operator interfaces remotely connect to engine
- Increased processing performance of data stream transforms
- Up to 4 concurrent PS/PDF::xx transforms
- XML-based configuration file settings load and save faster
- Further increase performance by leveraging the latest hardware advancements - hyper-threading and dual-core CPUs
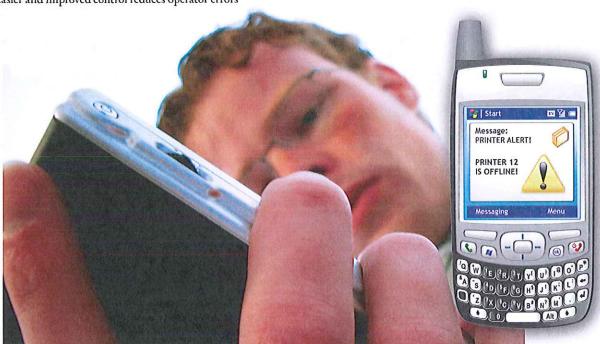
Added Control and Management for Administrators

- Remote access
- Multi-level security - secure login, operator assigned rights/privileges
- Separate interfaces for system administration and operator job control
- Track and control operator activity based on logical queues
- Set Start Point and compilers can run as standalone applications

Increased Productivity with Event Notification and Messaging

- Customized event driven alerts - speaker beeps, text to speech, .wav files, e-mail
- Enhanced system messaging - custom message tabs, message filters, global message view, queue messaging

Improved Operator Efficiency

- Enhanced Windows® XP and 2003 Server user interface
- New Queue Manager console facilitates process automation
- Monitor and control all jobs and queues from a single or multiple windows
- Logical queues can be grouped together for easy monitoring
- Queue views can be customized for each operator
- Multiple users can manage job workflow concurrently
- Enhanced methods to manage operator prompts/interventions - reprints, start commands
- Simplifies managing manual and/or automated processes
- Additional job status information - moving, adding, deleting, copying
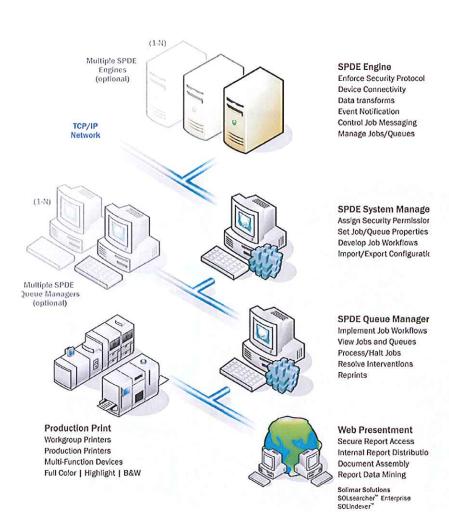- Easier and improved control reduces operator errors

Print Smarter.™

The Solimar Print Director Enterprise (SPDE) is a set of programs designed to turn your computer into a powerful enterprise output management system. SPDE connects host computers to production printers that, under normal circumstances, cannot interface with each other. For example, SPDE can be used to connect midrange or mainframe hosts and networks to one or more printers and archive systems.

SPDE allows you to print from multiple host computers to multiple printing devices simultaneously. It can also perform multiple conversion routines on each print file.

By supporting combinations of inputs, outputs, and conversions, SPDE gives you a powerful print manager that transparently connects your host systems with the production printers your company needs. As your requirements grow, you can add software modules, install additional inputs and outputs, or upgrade to take advantage of new features and capabilities. The power of SPDE lies in its ability to interface with virtually any host or printer. Moreover, its processing control, conversion routines, and job management capabilities allow a very high degree of control over your printing environment.

SPDE Workflow Diagram

Multiple SPDE Engines (optional) (1-N)

TCP/IP Network

SPDE Engine
Enforce Security Protocol
Device Connectivity
Data transforms
Event Notification
Control Job Messaging
Manage Jobs/Queues

Multiple SPDE Queue Managers (optional) (1-N)

SPDE System Manage
Assign Security Permissior
Set Job/Queue Properties
Develop Job Workflows
Import/Export Configuratic

SPDE Queue Manager
Implement Job Workflows
View Jobs and Queues
Process/Halt Jobs
Resolve Interventions
Reprints

Production Print
Workgroup Printers
Production Printers
Multi-Function Devices
Full Color | Highlight | B&W

Web Presentment
Secure Report Access
Internal Report Distributio
Document Assembly
Report Data Mining

Solimar Solutions
SOLsearcher™ Enterprise
SOLindexer™

Product Features
- Client-server architecture
- Enhanced Windows® UI to view and control all job queues
- Administrator and operator interfaces
- Integrated connectivity
- Powerful print data transforms
- Event notification
- Integrated multi-level security
- Multiple CPU support
- Remote viewing/control for multiple users simultaneously
- SPDE "Engine" runs as a service

Product Benefits
- Remote administration and management
- Centralized processing
  - Less training
  - More adaptable to change
  - Easier operations
- Increase productivity
- Extend life of current printer investments
- Enable new devices with existing applications
- Part of overall workflow strategy
  - Postal cleanse/sort
  - Data enhancement
  - Archive
- Centralized resource management
- Seamless reprint capabilities
- Customizable queue views for operators

Queue Management Features
- Auto/manual routing
- Auto job retain/delete
- Banner/trailer pages
- Bookmaking
- Data modification
- Drag-and-drop GUI
- Exception controls
- File naming
- Job parsing
- Job tracking
- Load balancing
- Log system activity
- Page range/job reprints
- Pre-pend/append data
- Queue/job security control
- Redirect cancelled jobs
- Single view of all system queues
- Timed releaseTrack operator activity

Enhanced Performance

- Client-server architecture, optimized for Windows® XP and 2003 Server
- SPDE "Engine" runs as a service - separate administrator and operator interfaces remotely connect to engine
- Increased processing performance of data stream transforms
- Up to 4 concurrent PS/PDF::xx transforms
- XML-based configuration file settings load and save faster
- Further increase performance by leveraging the latest hardware advancements - hyper-threading and dual-core CPUs

Added Control and Management for Administrators

- Remote access
- Multi-level security - secure login, operator assigned rights/privileges
- Separate interfaces for system administration and operator job control
- Track and control operator activity based on logical queues
- Set Start Point and compilers can run as standalone applications

Increased Productivity with Event Notification and Messaging

- Customized event driven alerts - speaker beeps, text to speech, .wav files, e-mail
- Enhanced system messaging - custom message tabs, message filters, global message view, queue messaging

Improved Operator Efficiency

- Enhanced Windows® XP and 2003 Server user interface
- New Queue Manager console facilitates process automation
- Monitor and control all jobs and queues from a single or multiple windows
- Logical queues can be grouped together for easy monitoring
- Queue views can be customized for each operator
- Multiple users can manage job workflow concurrently
- Enhanced methods to manage operator prompts/interventions - reprints, start commands
- Simplifies managing manual and/or automated processes
- Additional job status information - moving, adding, deleting, copying
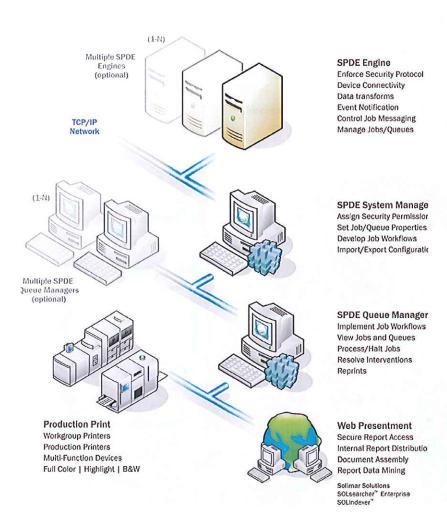- Easier and improved control reduces operator errors

Print Smarter.™

The Solimar Print Director Enterprise (SPDE) is a set of programs designed to turn your computer into a powerful enterprise output management system. SPDE connects host computers to production printers that, under normal circumstances, cannot interface with each other. For example, SPDE can be used to connect midrange or mainframe hosts and networks to one or more printers and archive systems.

SPDE allows you to print from multiple host computers to multiple printing devices simultaneously. It can also perform multiple conversion routines on each print file.

By supporting combinations of inputs, outputs, and conversions, SPDE gives you a powerful print manager that transparently connects your host systems with the production printers your company needs. As your requirements grow, you can add software modules, install additional inputs and outputs, or upgrade to take advantage of new features and capabilities.The power of SPDE lies in its ability to interface with virtually any host or printer. Moreover, its processing control, conversion routines, and job management capabilities allow a very high degree of control over your printing environment.

SPDE Workflow Diagram

Multiple SPDE Engines (optional) (1-N)

TCP/IP Network

SPDE Engine
Enforce Security Protocol
Device Connectivity
Data transforms
Event Notification
Control Job Messaging
Manage Jobs/Queues

Multiple SPDE Queue Managers (optional) (1-N)

SPDE System Manage
Assign Security Permissior
Set Job/Queue Properties
Develop Job Workflows
Import/Export Configuratic

SPDE Queue Manager
Implement Job Workflows
View Jobs and Queues
Process/Halt Jobs
Resolve Interventions
Reprints

Production Print
Workgroup Printers
Production Printers
Multi-Function Devices
Full Color | Highlight | B&W

Web Presentment
Secure Report Access
Internal Report Distributio
Document Assembly
Report Data Mining

Solimar Solutions
SOLsearcher™ Enterprise
SOLindexer™

Product Features
- Client-server architecture
- Enhanced Windows® UI to view and control all job queues
- Administrator and operator interfaces
- Integrated connectivity
- Powerful print data transforms
- Event notification
- Integrated multi-level security
- Multiple CPU support
- Remote viewing/control for multiple users simultaneously
- SPDE "Engine" runs as a service

Product Benefits
- Remote administration and management
- Centralized processing
  - Less training
  - More adaptable to change
  - Easier operations
- Increase productivity
- Extend life of current printer investments
- Enable new devices with existing applications
- Part of overall workflow strategy
  - Postal cleanse/sort
  - Data enhancement
  - Archive
- Centralized resource management
- Seamless reprint capabilities
- Customizable queue views for operators

Queue Management Features
- Auto/manual routing
- Auto job retain/delete
- Banner/trailer pages
- Bookmaking
- Data modification
- Drag-and-drop GUI
- Exception controls
- File naming
- Job parsing
- Job tracking
- Load balancing
- Log system activity
- Page range/job reprints
- Pre-pend/append data
- Queue/job security control
- Redirect cancelled jobs
- Single view of all system queues
- Timed releaseTrack operator activity

Enhanced Performance

- Client-server architecture, optimized for Windows® XP and 2003 Server
- SPDE "Engine" runs as a service - separate administrator and operator interfaces remotely connect to engine
- Increased processing performance of data stream transforms
- Up to 4 concurrent PS/PDF::xx transforms
- XML-based configuration file settings load and save faster
- Further increase performance by leveraging the latest hardware advancements - hyper-threading and dual-core CPUs

Added Control and Management for Administrators

- Remote access
- Multi-level security - secure login, operator assigned rights/privileges
- Separate interfaces for system administration and operator job control
- Track and control operator activity based on logical queues
- Set Start Point and compilers can run as standalone applications

Increased Productivity with Event Notification and Messaging

- Customized event driven alerts - speaker beeps, text to speech, .wav files, e-mail
- Enhanced system messaging - custom message tabs, message filters, global message view, queue messaging

Improved Operator Efficiency

- Enhanced Windows® XP and 2003 Server user interface
- New Queue Manager console facilitates process automation
- Monitor and control all jobs and queues from a single or multiple windows
- Logical queues can be grouped together for easy monitoring
- Queue views can be customized for each operator
- Multiple users can manage job workflow concurrently
- Enhanced methods to manage operator prompts/interventions - reprints, start commands
- Simplifies managing manual and/or automated processes
- Additional job status information - moving, adding, deleting, copying
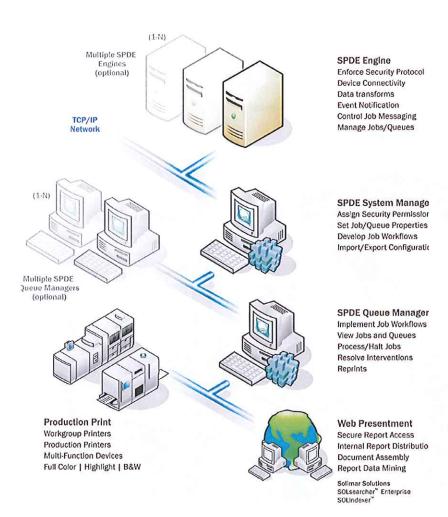- Easier and improved control reduces operator errors

The Solimar Print Director Enterprise (SPDE) is a set of programs designed to turn your computer into a powerful enterprise output management system. SPDE connects host computers to production printers that, under normal circumstances, cannot interface with each other. For example, SPDE can be used to connect midrange or mainframe hosts and networks to one or more printers and archive systems.

SPDE allows you to print from multiple host computers to multiple printing devices simultaneously. It can also perform multiple conversion routines on each print file.

By supporting combinations of inputs, outputs, and conversions, SPDE gives you a powerful print manager that transparently connects your host systems with the production printers your company needs. As your requirements grow, you can add software modules, install additional inputs and outputs, or upgrade to take advantage of new features and capabilities. The power of SPDE lies in its ability to interface with virtually any host or printer. Moreover, its processing control, conversion routines, and job management capabilities allow a very high degree of control over your printing environment.

SPDE Workflow Diagram

Multiple SPDE Engines (optional)

(1-N)

TCP/IP Network

SPDE Engine
Enforce Security Protocol
Device Connectivity
Data transforms
Event Notification
Control Job Messaging
Manage Jobs/Queues

(1-N)

Multiple SPDE Queue Managers (optional)

SPDE System Manager
Assign Security Permission
Set Job/Queue Properties
Develop Job Workflows
Import/Export Configuration

SPDE Queue Manager
Implement Job Workflows
View Jobs and Queues
Process/Halt Jobs
Resolve Interventions
Reprints

Production Print
Workgroup Printers
Production Printers
Multi-Function Devices
Full Color | Highlight | B&W

Web Presentment
Secure Report Access
Internal Report Distribution
Document Assembly
Report Data Mining

Solimar Solutions
SOLsearcher™ Enterprise
SOLindexer™

Product Features
- Client-server architecture
- Enhanced Windows® UI to view and control all job queues
- Administrator and operator interfaces
- Integrated connectivity
- Powerful print data transforms
- Event notification
- Integrated multi-level security
- Multiple CPU support
- Remote viewing/control for multiple users simultaneously
- SPDE "Engine" runs as a service

Product Benefits
- Remote administration and management
- Centralized processing
  - Less training
  - More adaptable to change
  - Easier operations
- Increase productivity
- Extend life of current printer investments
- Enable new devices with existing applications
- Part of overall workflow strategy
  - Postal cleanse/sort
  - Data enhancement
  - Archive
- Centralized resource management
- Seamless reprint capabilities
- Customizable queue views for operators

Queue Management Features
- Auto/manual routing
- Auto job retain/delete
- Banner/trailer pages
- Bookmaking
- Data modification
- Drag-and-drop GUI
- Exception controls
- File naming
- Job parsing
- Job tracking
- Load balancing
- Log system activity
- Page range/job reprints
- Pre-pend/append data
- Queue/job security control
- Redirect cancelled jobs
- Single view of all system queues
- Timed releaseTrack operator activity

The System Manager provides system administrators control over the processing Engine to define processing rules and workflow. The System Manager also provides access and control over print queues and jobs allowing you to initiate and halt job processing, move jobs between queues, control reprints, set event notifications among many other features.

In the System Manager, you can perform the following tasks:

- Create and manage SPDE configurations
- Define processing and workflow logic
- Set up audio and e-mail alerts
- Manage interventions, which require operator-supplied information
- Configure user and group security rights and permissions
- Activate log files that track SPDE system and accounting messages
- Manage the SPDE Host Server

SOLIMAR

SPDE is the 5th generation of the Print Director product line and has grown to 19 connectivity options and 40 conversions and data enhancement modules.

FACTOID

SPDE System Manager UI
The SPDE System Manager provides administrators with an intuitive GUI to define and monitor system security and workflow processing.

SOLitrack™

SOLitrack is a database-centric job management system that uses a centralized web-based interface to control multiple instances of Print Director™ Enterprise to track and monitor job security, routing and destination device status.

Print Director™ Enterprise

Client-server-based output management solution that provides multi-level security, remote administrator and operator access, email alerts, powerful job routing/tracking capabilities, and industry-leading data stream transforms.

SOLscript™

PostScript preamble that emulates and optimizes Xerox VIPP® software, extending the reach of VIPP applications to virtually any workgroup and production printers, as well as ERM/COLD and archive systems.

iCONVERT™

AFP transform engine that automatically routes mainframe, AS/400, and application reports directly to virtually all desktop and production printers, viewing stations and archive systems.

HOST SYSTEMS AN

Composition Systems

Mainframes, Networks

DATABASE MANAGED OUTPUT

SOLitrack™

INCOMING DAT

- AFPDS
- DJDE
- IPDS
- LCDS
- Line D
- Metac
- PCL
- PDF

ENTERPRISE PRINT OU

- Job Ticket
- Integrated
- Powerful Print D
- Data Stream Op
- Robust Queue M
- Job Tracking/Ac
- B/W to Color Mi
- JDF/ADF Fulfilm

FILE INDEXING

SOLindexer™

EXTERNAL PROCESSES

Postal Software

External Archive

OUTGOING DAT

- AFPDS & IPDS
- Line Data
- Metacode
- PCL

PRODUCTION PRINT WORKFLOWS

Continuous Feed, Laser, Ink Jet, Highlight Color, Full Color, and Finishing Systems

Dynamic
Client B
Digital In
Add Transpr
Hide Sensit
Track Docum

The System Manager provides system administrators control over the processing Engine to define processing rules and workflow. The System Manager also provides access and control over print queues and jobs allowing you to initiate and halt job processing, move jobs between queues, control reprints, set event notifications among many other features.

In the System Manager, you can perform the following tasks:

- Create and manage SPDE configurations
- Define processing and workflow logic
- Set up audio and e-mail alerts
- Manage interventions, which require operator-supplied information
- Configure user and group security rights and permissions
- Activate log files that track SPDE system and accounting messages
- Manage the SPDE Host Server

SPDE is the 5th generation of the Print Director product line and has grown to 19 connectivity options and 40 conversions and data enhancement modules.

SOLIMAR

FACTOID

SPDE System Manager UI

The SPDE System Manager provides administrators with an intuitive GUI to define and monitor system security and workflow processing.

SOLitrack™

SOLitrack is a database-centric job management system that uses a centralized web-based interface to control multiple instances of Print Director™ Enterprise to track and monitor job security, routing and destination device status.

Print Director™ Enterprise

Client-server-based output management solution that provides multi-level security, remote administrator and operator access, email alerts, powerful job routing/tracking capabilities, and industry-leading data stream transforms.

SOLscript™

PostScript preamble that emulates and optimizes Xerox VIPP® software, extending the reach of VIPP applications to virtually any workgroup and production printers, as well as ERM/COLD and archive systems.

iCONVERT™

AFP transform engine that automatically routes mainframe, AS/400, and application reports directly to virtually all desktop and production printers, viewing stations and archive systems.

HOST SYSTEMS AN

Composition Systems

Mainframes, Networks

DATABASE MANAGED OUTPUT

SOLitrack™

INCOMING DAT

- AFPDS
- DJDE
- IPDS
- LCDS
- Line D
- Metac
- PCL
- PDF

ENTERPRISE PRINT OU

- Job Ticket
- Integrated
- Powerful Print D
- Data Stream Op
- Robust Queue M
- Job Tracking/Ac
- B/W to Color Mi
- JDF/ADF Fulfilln

FILE INDEXING

SOLindexer™

EXTERNAL PROCESSES

Postal Software

External Archive

OUTGOING DAT

- AFPDS & IPDS
- Line Data
- Metacode
- PCL

PRODUCTION PRINT WORKFLOWS

Continuous Feed, Laser, Ink Jet, Highlight Color, Full Color, and Finishing Systems

Dynamic F
Client B
Digital I
Add Transpr
Hide Sensit
Track Docum

The System Manager provides system administrators control over the processing Engine to define processing rules and workflow. The System Manager also provides access and control over print queues and jobs allowing you to initiate and halt job processing, move jobs between queues, control reprints, set event notifications among many other features.

In the System Manager, you can perform the following tasks:

- Create and manage SPDE configurations
- Define processing and workflow logic
- Set up audio and e-mail alerts
- Manage interventions, which require operator-supplied information
- Configure user and group security rights and permissions
- Activate log files that track SPDE system and accounting messages
- Manage the SPDE Host Server

SPDE is the 5th generation of the Print Director product line and has grown to 19 connectivity options and 40 conversions and data enhancement modules.

SOLIMAR FACTOID

SPDE System Manager UI

The SPDE System Manager provides administrators with an intuitive GUI to define and monitor system security and workflow processing.

SOLitrack™

SOLitrack is a database-centric job management system that uses a centralized web-based interface to control multiple instances of Print Director™ Enterprise to track and monitor job security, routing and destination device status.

Print Director™ Enterprise

Client-server-based output management solution that provides multi-level security, remote administrator and operator access, email alerts, powerful job routing/tracking capabilities, and industry-leading data stream transforms.

SOLscript™

PostScript preamble that emulates and optimizes Xerox VIPP® software, extending the reach of VIPP applications to virtually any workgroup and production printers, as well as ERM/COLD and archive systems.

iCONVERT™

AFP transform engine that automatically routes mainframe, AS/400, and application reports directly to virtually all desktop and production printers, viewing stations and archive systems.

HOST SYSTEMS AN

Composition Systems

Mainframes, Networks

DATABASE MANAGED OUTPUT

SOLitrack™

INCOMING DAT

- AFPDS
- DJDE
- IPDS
- LCDS
- Line D
- Metac
- PCL
- PDF

ENTERPRISE PRINT OU

- Job Ticket
- Integrated
- Powerful Print D
- Data Stream Op
- Robust Queue M
- Job Tracking/Ac
- B/W to Color MI
- JDF/ADF Fulfilln

FILE INDEXING

SOLindexer™

EXTERNAL PROCESSES

Postal Software

External Archive

OUTGOING DAT

- AFPDS & IPDS
- Line Data
- Metacode
- PCL

PRODUCTION PRINT WORKFLOWS

Continuous Feed, Laser, Ink Jet, Highlight Color, Full Color, and Finishing Systems

Dynamic F
Client B
Digital Ir
Add Transpr
Hide Sensit
Track Docum

The System Manager provides system administrators control over the processing Engine to define processing rules and workflow. The System Manager also provides access and control over print queues and jobs allowing you to initiate and halt job processing, move jobs between queues, control reprints, set event notifications among many other features.

In the System Manager, you can perform the following tasks:

- Create and manage SPDE configurations
- Define processing and workflow logic
- Set up audio and e-mail alerts
- Manage interventions, which require operator-supplied information
- Configure user and group security rights and permissions
- Activate log files that track SPDE system and accounting messages
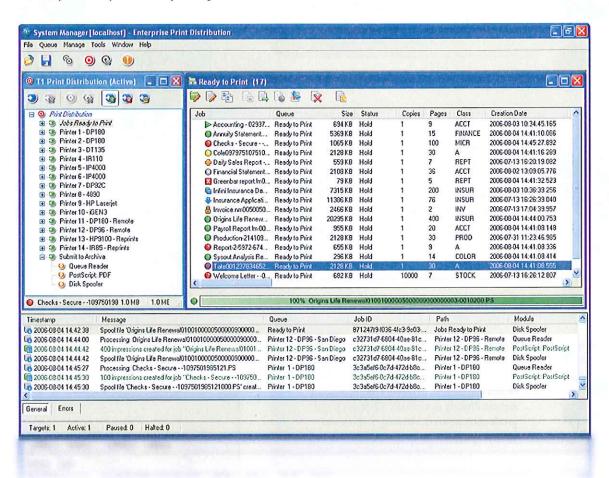- Manage the SPDE Host Server

SPDE is the 5th generation of the Print Director product line and has grown to 19 connectivity options and 40 conversions and data enhancement modules.

SOLIMAR

FACTOID

SPDE System Manager UI

The SPDE System Manager provides administrators with an intuitive GUI to define and monitor system security and workflow processing.

Print Smarter.™

SOLitrack™

SOLitrack is a database-centric job management system that uses a centralized web-based interface to control multiple instances of Print Director™ Enterprise to track and monitor job security, routing and destination device status.

Print Director™ Enterprise

Client-server-based output management solution that provides multi-level security, remote administrator and operator access, email alerts, powerful job routing/tracking capabilities, and industry-leading data stream transforms.
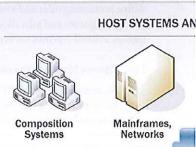
SOLscript™

PostScript preamble that emulates and optimizes Xerox VIPP® software, extending the reach of VIPP applications to virtually any workgroup and production printers, as well as ERM/COLD and archive systems.

iCONVERT™

AFP transform engine that automatically routes mainframe, AS/400, and application reports directly to virtually all desktop and production printers, viewing stations and archive systems.

HOST SYSTEMS AN

Composition Systems

Mainframes, Networks

DATABASE MANAGED OUTPUT

SOLitrack™

INCOMING DAT

- AFPDS
- DJDE
- IPDS
- LCDS
- Line D
- Metac
- PCL
- PDF

ENTERPRISE PRINT OU

- Job Ticket
- Integrated
- Powerful Print D
- Data Stream Op
- Robust Queue M
- Job Tracking/Ac
- B/W to Color Mi
- JDF/ADF Fulfilln

FILE INDEXING

SOLindexer™

EXTERNAL PROCESSES

Postal Software

External Archive

OUTGOING DAT

- AFPDS & IPDS
- Line Data
- Metacode
- PCL

PRODUCTION PRINT WORKFLOWS

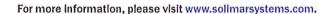Continuous Feed, Laser, Ink Jet, Highlight Color, Full Color, and Finishing Systems

Dynamic F
Client B
Digital In
Add Transpr
Hide Sensit
Track Dr

ID APPLICATIONS

Raw Data,
Databases

Document
Imaging

A STREAMS

ata
ode

- PostScript
- Raw Data
- TIFF
- VIPP®

PROCESS AUTOMATION

SOLfusion™

TPUT MANAGEMENT

e..ivity
ata Transforms
timization
anagement
counting
gration
ent

PRINT DIRECTOR™
ENTERPRISE

DOCUMENT RE-ENGINEERING

- Address Sort/Cleanse
- Archive Workflow
- Barcodes, OMR, Text
- Concatenate/Merge
- Conditional Messaging
- Delete/Replace Pages
- Finishing Commands
- Insert Pages/Graphics
- Overlay/Underlay/Mask
- Scale/Shift/Rotate
- Split/Segment

RUBIKA™
Process Director

A STREAMS

- PDF
- PostScript
- TIFF
- XML

eprints
illing
nserts
omotional
ive Data
nt Access

WEB PRESENTMENT WORKFLOWS

Internal Report Distribution, Data Mining,
Document/Report Assembly, Reprints,
Web Services API, B2B, B2C Integration

Document
Retrieval

Web Services API,
CRM, ECM Integration

SOLSEARCHER™
ENTERPRISE

SOLfusion™

Centralized application that allows you to automate multiple sets of output production tasks to support business-critical processes. SOLfusion supported tasks include external processes, scripts, indexing of PDF documents and execution of Rubika process configurations.

Rubika™

Modular document re-engineering workflow solution that can be configured to automate manual processes, enable postal savings, add value to documents, and modify print data on-the-fly at run time.

SOLindexer™

Suite of powerful PDF indexing tools for Adobe® Acrobat® and Reader® that provides an easy to use method for rapidly locating and capturing relevant information. Works as stand-alone product or in conjunction with Rubika.

SOLsearcher™ Enterprise

Highly scalable and secure electronic document delivery and web presentment solution that enables organizations to effectively index, store, search and retrieve large collections of transactional and scanned documents. Ideal for B2B and B2C environments.

Print Smarter.™

Solimar® Print Director™ Enterprise - Queue Manager

The Queue Manager provides a streamlined UI for print operators. The consolidated view allows print operators to monitor and control print queues and jobs. This allows operators to initiate and halt job processing, reorder and move jobs between queues, handle reprints, interventions and more based on the security rights assigned to them.

The Queue Manager's highly customizable UI allows the operators to create "views" that organize the queues and jobs according to the operator's preferences, and filter messages based on user-defined rules. A queue window can be opened for each logical queue and multiple queues can be grouped together for management within one window.

Queue Management UI

Panel displaying available queues and intervention controls. Interactive queue status displays the different queue states.

Job/Queue View UI

Displays individual jobs or queues and the status for each job/queue. Robust messaging and message filters display all important information regarding each job/queue.

ID APPLICATIONS

Raw Data,
Databases

Document
Imaging

A STREAMS

ata
ode

- PostScript
- Raw Data
- TIFF
- VIPP®

PROCESS AUTOMATION

SOLfusion™

TPUT MANAGEMENT

c..vity
ata Transforms
timization
anagement
counting
gration
ent

PRINT DIRECTOR™
ENTERPRISE

DOCUMENT RE-ENGINEERING

- Address Sort/Cleanse
- Archive Workflow
- Barcodes, OMR, Text
- Concatenate/Merge
- Conditional Messaging
- Delete/Replace Pages
- Finishing Commands
- Imposition
- Insert Pages/Graphics
- Overlay/Underlay/Mask
- Scale/Shift/Rotate
- Split/Segment

RUBIKA™
Process Director

A STREAMS

- PDF
- PostScript
- TIFF
- XML

Reprints
illing
serts
motional
ive Data
t Access

WEB PRESENTMENT WORKFLOWS

Internal Report Distribution, Data Mining,
Document/Report Assembly, Reprints,
Web Services API, B2B, B2C Integration

Document
Retrieval

Web Services API,
CRM, ECM Integration

SOLSEARCHER™
ENTERPRISE

SOLfusion™

Centralized application that allows you to automate multiple sets of output production tasks to support business-critical processes. SOLfusion supported tasks include external processes, scripts, indexing of PDF documents and execution of Rubika process configurations.

Rubika™

Modular document re-engineering workflow solution that can be configured to automate manual processes, enable postal savings, add value to documents, and modify print data on-the-fly at run time.

SOLindexer™

Suite of powerful PDF indexing tools for Adobe® Acrobat® and Reader® that provides an easy to use method for rapidly locating and capturing relevant information. Works as stand-alone product or in conjunction with Rubika.

SOLsearcher™ Enterprise

Highly scalable and secure electronic document delivery and web presentment solution that enables organizations to effectively index, store, search and retrieve large collections of transactional and scanned documents. Ideal for B2B and B2C environments.

The Queue Manager provides a streamlined UI for print operators. The consolidated view allows print operators to monitor and control print queues and jobs. This allows operators to initiate and halt job processing, reorder and move jobs between queues, handle reprints, interventions and more based on the security rights assigned to them.

The Queue Manager's highly customizable UI allows the operators to create "views" that organize the queues and jobs according to the operator's preferences, and filter messages based on user-defined rules. A queue window can be opened for each logical queue and multiple queues can be grouped together for management within one window.

Queue Management UI
Panel displaying available queues and intervention controls. Interactive queue status displays the different queue states.

Job/Queue View UI
Displays individual jobs or queues and the status for each job/queue. Robust messaging and message filters display all important information regarding each job/queue.

ID APPLICATIONS

Raw Data,
Databases

Document
Imaging

A STREAMS

ata
ode
- PostScript
- Raw Data
- TIFF
- VIPP®

**PROCESS
AUTOMATION**

SOLfusion™

TPUT MANAGEMENT

- ...vity
- ata Transforms
- timization
- lanagement
- counting
- gration
- nent

PRINT DIRECTOR™
ENTERPRISE

**DOCUMENT
RE-ENGINEERING**

- Address Sort/Cleanse
- Archive Workflow
- Barcodes, OMR, Text
- Concatenate/Merge
- Conditional Messaging
- Delete/Replace Pages
- Finishing Commands
- Imposition
- Insert Pages/Graphics
- Overlay/Underlay/Mask
- Scale/Shift/Rotate
- Split/Segment

RUBIKA™
Process Director

A STREAMS

S
- PDF
- PostScript
- TIFF
- XML

eprints
illing
serts
omotional
ive Data
nt Access

WEB PRESENTMENT WORKFLOWS

Internal Report Distribution, Data Mining,
Document/Report Assembly, Reprints,
Web Services API, B2B, B2C Integration

Document
Retrieval

Web Services API,
CRM, ECM Integration

SOLSEARCHER™
ENTERPRISE

SOLfusion™

Centralized application that allows you to
automate multiple sets of output production
tasks to support business-critical processes.
SOLfusion supported tasks include
external processes, scripts, indexing of PDF
documents and execution of Rubika process
configurations.

Rubika™

Modular document re-engineering workflow
solution that can be configured to automate
manual processes, enable postal savings, add
value to documents, and modify print data on-
the-fly at run time.

SOLindexer™

Suite of powerful PDF indexing tools for
Adobe® Acrobat® and Reader® that provides
an easy to use method for rapidly locating
and capturing relevant information. Works as
stand-alone product or in conjunction with
Rubika.

SOLsearcher™ Enterprise

Highly scalable and secure electronic document
delivery and web presentment solution that
enables organizations to effectively index,
store, search and retrieve large collections of
transactional and scanned documents. Ideal for
B2B and B2C environments.

Print Smarter.™

Solimar® Print Director™ Enterprise - Queue Manager

The Queue Manager provides a streamlined UI for print operators. The consolidated view allows print operators to monitor and control print queues and jobs. This allows operators to initiate and halt job processing, reorder and move jobs between queues, handle reprints, interventions and more based on the security rights assigned to them.

The Queue Manager's highly customizable UI allows the operators to create "views" that organize the queues and jobs according to the operator's preferences, and filter messages based on user-defined rules. A queue window can be opened for each logical queue and multiple queues can be grouped together for management within one window.

Queue Management UI
Panel displaying available queues and intervention controls. Interactive queue status displays the different queue states.

Job/Queue View UI
Displays individual jobs or queues and the status for each job/queue. Robust messaging and message filters display all important information regarding each job/queue.

ID APPLICATIONS

Raw Data, Databases

Document Imaging

A STREAMS

ata
ode
- PostScript
- Raw Data
- TIFF
- VIPP®

PROCESS AUTOMATION

SOLfusion™

TPUT MANAGEMENT

.ity
ata Transforms
timization
anagement
counting
gration
nent

PRINT DIRECTOR™
ENTERPRISE

DOCUMENT RE-ENGINEERING

- Address Sort/Cleanse
- Archive Workflow
- Barcodes, OMR, Text
- Concatenate/Merge
- Conditional Messaging
- Delete/Replace Pages
- Finishing Commands
- Imposition
- Insert Pages/Graphics
- Overlay/Underlay/Mask
- Scale/Shift/Rotate
- Split/Segment

RUBIKA™
Process Director

A STREAMS

- PDF
- PostScript
- TIFF
- XML

Reprints
illing
serts
motional
ive Data
ent Access

WEB PRESENTMENT WORKFLOWS

Internal Report Distribution, Data Mining, Document/Report Assembly, Reprints, Web Services API, B2B, B2C Integration

Document Retrieval

Web Services API, CRM, ECM Integration

SOLSEARCHER™
ENTERPRISE

SOLfusion™

Centralized application that allows you to automate multiple sets of output production tasks to support business-critical processes. SOLfusion supported tasks include external processes, scripts, indexing of PDF documents and execution of Rubika process configurations.

Rubika™

Modular document re-engineering workflow solution that can be configured to automate manual processes, enable postal savings, add value to documents, and modify print data on-the-fly at run time.

SOLindexer™

Suite of powerful PDF indexing tools for Adobe® Acrobat® and Reader® that provides an easy to use method for rapidly locating and capturing relevant information. Works as stand-alone product or in conjunction with Rubika.

SOLsearcher™ Enterprise

Highly scalable and secure electronic document delivery and web presentment solution that enables organizations to effectively index, store, search and retrieve large collections of transactional and scanned documents. Ideal for B2B and B2C environments.

Print Smarter.™

The Queue Manager provides a streamlined UI for print operators. The consolidated view allows print operators to monitor and control print queues and jobs. This allows operators to initiate and halt job processing, reorder and move jobs between queues, handle reprints, interventions and more based on the security rights assigned to them.

The Queue Manager's highly customizable UI allows the operators to create "views" that organize the queues and jobs according to the operator's preferences, and filter messages based on user-defined rules. A queue window can be opened for each logical queue and multiple queues can be grouped together for management within one window.

Queue Management UI
Panel displaying available queues and intervention controls. Interactive queue status displays the different queue states.

Job/Queue View UI
Displays individual jobs or queues and the status for each job/queue. Robust messaging and message filters display all important information regarding each job/queue.

Custom Views

Select specific options to customize queue views. Display different columns based on job attributes.

Columns
- ✓ Queue
- ✓ Group
- ✓ Status
- ✓ Jobs
- ✓ Job Name
- Job State
- Job Size
- ✓ Input Bytes Processed
- ✓ Output Bytes Processed
- Job ID
- Queue Job ID
- Job Path Name
- Job Path ID

Legend
- ▷ Processing
- ◉ Ready
- ◉ Halted
- ◉ Paused
- ◈ Adding
- ◯ Removing
- ✕ Cancelling
- Copying
- Moving
- Locked

Send Job(s) To:
- Printer 1 - DP180
- Printer 2 - DP180
- Printer 4 - IR110
- Printer 5 - IP4000
- Printer 6 - IP4000
- Printer 7 - DP92C
- Printer 8 - 4890
- Printer 9 - 2060
- Printer 10 - iGEN3
- Printer 11 - DP180 - San D...
- Printer 12 - DP96 - San Di...
- Printer 13 - HP3100 - Repr...
- Printer 14 - IR95 - Reprints

Routing Jobs

Send jobs to different queues via drag and drop or select from a list of available queues.

SPDE Queue Manager - Operator GUI

File View Manage Help

Queue Management

Queues | Intervention

Queue	Group	Status	J...
Jobs Ready to Print	ABC	Active	19
Printer 1 - DP180	Production - B/W	Active	9
Printer 2 - DP180	Production - B/W	Active	0
Printer 3 - DT135	Production - B/W	Active	0
Printer 4 - IR110	Production - B/W	Active	0
Printer 5 - IP4000	Production - CF	Active	0
Printer 6 - IP4000	Production - CF	Active	0
Printer 7 - DP92C	Production - HL C...	Active	0
Printer 8 - 4890	Production - HL C...	Active	0
Printer 9 - 2060	Publishing - Full C...	Active	0
Printer 10 - iGEN3	Publishing - Full C...	Active	0
Printer 11 - DP180 - San Diego	Production - B/W ...	Active	0
Printer 12 - DP96 - San Diego	Production - B/W ...	Active	0
Printer 13 - HP3100 - Reprints	Reprint - B/W	Active	0
Printer 14 - IR95 - Reprints	Reprint - B/W	Active	0
Printer 15 - DP65 - Development	Development - B/W	Active	0

Job Management - Queue View

Jobs Ready to Print (19) | Printer 1 - DP180 (10) | Printer 2 - DP180 (0) | Printer 3 -

Job	Size	Status	Copies	Creation Date
▷ ACCOUNTING010030...	694 KB	Processing	1	2006-07-11 15:17
◉ Annuity Statement.nmQ...	5369 ...	Ready	1	2006-07-11 15:17
◉ AS4000000000300000...	296 KB	Ready	1	2006-07-11 14:59
◉ CARLYU2-0000000000...	31 KB	Ready	1	2006-07-12 14:56
◉ CHECKS00000004001...	1065 ...	Ready	1	2006-07-11 15:17
◉ Financial Statement006...	1630 ...	Ready	1	2006-07-11 15:01
◉ Flyer.nn000002002005...	2438 ...	Ready	1	2006-07-11 15:12
◉ FONTDEM000300100...	152 KB	Ready	1	2006-07-11 15:16
◉ FRED0300000200500...	2128 ...	Ready	1	2006-07-11 15:01
◉ GMA223-00000000800...	694 KB	Ready	1	2006-07-11 15:01

Timestamp	Message	Queue	T...
2006-07-13 16:17:01	9 impressions created for job "ACCOU...	Printer ...	Pi
2006-07-13 16:17:01	Spool file 'ACCOUNTING0100300000...	Printer ...	Pi
2006-07-13 16:17:01	Processing ACCOUNTING01003000...	Printer ...	Pi

General | Errors

Queue Filter

Queue	Group
☑ Jobs Ready to Print	ABC
☑ Printer 1 - DP180	Production - B/W
☐ Printer 2 - DP180	Production - B/W
☐ Printer 3 - DT135	Production - B/W
☑ Printer 4 - IR110	Production - B/W
☑ Printer 5 - IP4000	Production - CF
☑ Printer 6 - IP4000	Production - CF
☐ Printer 7 - DP92C	Production - HL Color
☑ Printer 8 - 4890	Production - HL Color
☑ Printer 9 - 2060	Publishing - Full Color
☐ Printer 10 - iGEN3	Publishing - Full Color
☑ Printer 11 - DP180 - S...	Production - B/W - S...
☑ Printer 12 - DP96 - Sa...	Production - B/W - S...
☑ Printer 13 - HP3100 - ...	Reprint - B/W
☐ Printer 14 - IR95 - Re...	Reprint - B/W
☐ Printer 15 - DP65 - De...	Development - B/W

OK | Cancel | Help

Queue Filtering

Display only the queues you find important through intelligent queue filters.

Message Alerting Rules

Client Alerts

Client Alerts

Description	Condition	Alert Action
Job Failure	Message Body contains error	E-mail Message
MICR Jobs Completed	Event ID contains Check	Play WAV File
High Priority Job Completed	Job ID contains CLASS1	Text to Speech
Reprint Required	Module ID equals makeup	PC Speaker Beep
Low Priority Jobs Ready	Queue ID contains ad hoc prints	Text to Speech
Resource Missing	Message Body contains Resource Substitution	PC Speaker Beep

OK | Cancel | Help

Messaging/Alerts

Set specific criteria for automated messaging and alerts; including playing audio files, text to speech and e-mail.

Print Smarter.™

The security system in SPDE's System Manager allows administrators to set rules that limit access and actions for the objects in a configuration and to determine what interfaces are available to each user. Most commonly, administrators will define and manage workflow rules with the System Manager and operators will only have access to the Queue Manager for controlling and monitoring job workflow.

Granular security enables administrators to control who can do what in the system for every module in a configuration based on their login credentials. For instance, an administrator could prevent a group from accessing a job queue, prohibit a user from making configuration changes, and allow others to fully control some queues, but only monitor processing activity for others, and deny access to others.

Using queue security enables administrators to set up a workflow to track operator activity. If an action performed by a user is denied because of insufficient policies or permissions, the event will be logged in the Windows Event Viewer.

A single client saves over $6 million dollars annually in labor costs with a Solimar solution.

SOLIMAR
FACTOID

SPDE Integrated Security

SPDE supports the configuration of administrator and operator policies, privileges and access rights. Security controls may be set at a system-wide level or individual module levels to determine what settings and interfaces are available to each user.

Custom Views

Select specific options to customize queue views. Display different columns based on job attributes.

Columns
- ✓ Queue
- ✓ Group
- ✓ Status
- ✓ Jobs
- ✓ Job Name
- Job State
- Job Size
- ✓ Input Bytes Processed
- ✓ Output Bytes Processed
- Job ID
- Queue Job ID
- Job Path Name
- Job Path ID

Legend
- ▷ Processing
- ● Ready
- ● Halted
- ○ Paused
- ◆ Adding
- ○ Removing
- ✕ Cancelling
- ▣ Copying
- ⬇ Moving
- 🔒 Locked

Send Job(s) To:
- Printer 1 - DP180
- Printer 2 - DP180
- Printer 4 - IR110
- Printer 5 - IP4000
- Printer 6 - IP4000
- Printer 7 - DP92C
- Printer 8 - 4890
- Printer 9 - 2060
- Printer 10 - iGEN3
- Printer 11 - DP180 - San D...
- Printer 12 - DP96 - San Di...
- Printer 13 - HP3100 - Repr...
- Printer 14 - IR85 - Reprints

Routing Jobs

Send jobs to different queues via drag and drop or select from a list of available queues.

SPDE Queue Manager Operator GUI

File View Manage Help

Queue Management

Queues | Intervention

Queue	Group	Status	J...
🔒 Jobs Ready to Print	ABC	Active	19
🖨 Printer 1 - DP180	Production - B/W	Active	9
🖨 Printer 2 - DP180	Production - B/W	Active	0
🖨 Printer 3 - DT135	Production - B/W	Active	0
🖨 Printer 4 - IR110	Production - B/W	Active	0
🖨 Printer 5 - IP4000	Production - CF	Active	0
🖨 Printer 6 - IP4000	Production - CF	Active	0
🖨 Printer 7 - DP92C	Production - HL C...	Active	0
🖨 Printer 8 - 4890	Production - HL C...	Active	0
🖨 Printer 9 - 2060	Publishing - Full C...	Active	0
🖨 Printer 10 - iGEN3	Publishing - Full C...	Active	0
🖨 Printer 11 - DP180 - San Diego	Production - B/W ...	Active	0
🖨 Printer 12 - DP96 - San Diego	Production - B/W ...	Active	0
🖨 Printer 13 - HP3100 - Reprints	Reprint - B/W	Active	0
🖨 Printer 14 - IR85 - Reprints	Reprint - B/W	Active	0
🖨 Printer 15 - DP65 - Development	Development - B/W	Active	0

Job Management - Queue View

Jobs Ready to Print (19) | Printer 1 - DP180 (10) | Printer 2 - DP180 (0) | Printer 3 - ◀ ▶

Job	Size	Status	Copies	Creation Date
🔒 ▷ ACCOUNTING010030...	694 KB	Processing	1	2006-07-11 15:17
● Annuity Statement.nn0...	5369 ...	Ready	1	2006-07-11 15:17
● AS40000000000300000...	296 KB	Ready	1	2006-07-11 14:59
● CARLY02-0000000000...	31 KB	Ready	1	2006-07-12 14:56
● CHECKS00000004001...	1065 ...	Ready	1	2006-07-11 15:17
● Financial Statement006...	1630 ...	Ready	1	2006-07-11 15:01
● Flyer.nn000002002005...	2438 ...	Ready	1	2006-07-11 15:17
● FONTDEMO00300100...	152 KB	Ready	1	2006-07-11 15:16
● FRED0300000200500...	2128 ...	Ready	1	2006-07-11 15:01
● GMA229-00000000800...	694 KB	Ready	1	2006-07-11 15:01

Timestamp	Message	Queue	T...
2006-07-13 16:17:01	9 impressions created for job "ACCOU...	Printer ...	Pri...
2006-07-13 16:17:01	Spool file "ACCOUNTING010030000...	Printer ...	Pri...
2006-07-13 16:17:01	Processing "ACCOUNTING01003000...	Printer ...	Pri...

General | Errors

Queue Filter

Queue	Group
☑ Jobs Ready to Print	ABC
☑ Printer 1 - DP180	Production - B/W
☐ Printer 2 - DP180	Production - B/W
☐ Printer 3 - DT135	Production - B/W
☑ Printer 4 - IR110	Production - B/W
☑ Printer 5 - IP4000	Production - CF
☑ Printer 6 - IP4000	Production - CF
☐ Printer 7 - DP92C	Production - HL Color
☑ Printer 8 - 4890	Production - HL Color
☑ Printer 9 - 2060	Publishing - Full Color
☐ Printer 10 - iGEN3	Publishing - Full Color
☑ Printer 11 - DP180 - S...	Production - B/W - S...
☑ Printer 12 - DP96 - Sa...	Production - B/W - S...
☑ Printer 13 - HP3100 - ...	Reprint - B/W
☐ Printer 14 - IR85 - Re...	Reprint - B/W
☐ Printer 15 - DP65 - Da...	Development - B/W

OK   Cancel   Help

Message Alerting Rules

Client Alerts

Description	Condition	Alert Action
Job Failure	Message Body contains error.	E-mail Message
MICR Jobs Completed	Event ID contains Check	Play WAV File
High Priority Job Completed	Job ID contains CLASS1	Text to Speech
Reprint Required	Module ID equals makeup	PC Speaker Beep
Low Priority Jobs Ready	Queue ID contains ad hoc prints	Text to Speech
Resource Missing	Message Body contains Resource Substitution	PC Speaker Beep

OK   Cancel   Help

Queue Filtering

Display only the queues you find important through intelligent queue filters.

Messaging/Alerts

Set specific criteria for automated messaging and alerts; including playing audio files, text to speech and e-mail.

The security system in SPDE's System Manager allows administrators to set rules that limit access and actions for the objects in a configuration and to determine what interfaces are available to each user. Most commonly, administrators will define and manage workflow rules with the System Manager and operators will only have access to the Queue Manager for controlling and monitoring job workflow.
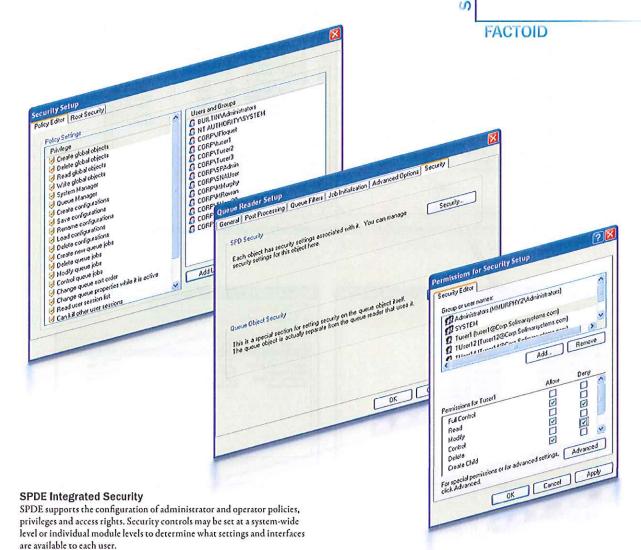
Granular security enables administrators to control who can do what in the system for every module in a configuration based on their login credentials. For instance, an administrator could prevent a group from accessing a job queue, prohibit a user from making configuration changes, and allow others to fully control some queues, but only monitor processing activity for others, and deny access to others.

Using queue security enables administrators to set up a workflow to track operator activity. If an action performed by a user is denied because of insufficient policies or permissions, the event will be logged in the Windows Event Viewer.

A single client saves over $6 million dollars annually in labor costs with a Solimar solution.

SOLIMAR

FACTOID

SPDE Integrated Security
SPDE supports the configuration of administrator and operator policies, privileges and access rights. Security controls may be set at a system-wide level or individual module levels to determine what settings and interfaces are available to each user.

Custom Views

Select specific options to customize queue views. Display different columns based on job attributes.

Columns

- ✓ Queue
- ✓ Group
- ✓ Status
- ✓ Jobs
- ✓ Job Name
- Job State
- Job Size
- ✓ Input Bytes Processed
- ✓ Output Bytes Processed
- Job ID
- Queue Job ID
- Job Path Name
- Job Path ID

Legend

- ▷ Processing
- ● Ready
- ● Halted
- ○ Paused
- ◆ Adding
- ○ Removing
- ✖ Cancelling
- ▣ Copying
- ⬇ Moving
- 🔒 Locked

Send Job(s) To:

- Printer 1 - DP180
- Printer 2 - DP180
- Printer 4 - IR110
- Printer 5 - IP4000
- Printer 6 - IP4000
- Printer 7 - DP32C
- Printer 8 - 4890
- Printer 9 - 2060
- Printer 10 - iGEN3
- Printer 11 - DP180 - San D...
- Printer 12 - DP96 - San Di...
- Printer 13 - HP9100 - Repr...
- Printer 14 - IR95 - Reprints

Routing Jobs

Send jobs to different queues via drag and drop or select from a list of available queues.

Queue Filtering

Display only the queues you find important through intelligent queue filters.

Messaging/Alerts

Set specific criteria for automated messaging and alerts; including playing audio files, text to speech and e-mail.

The security system in SPDE's System Manager allows administrators to set rules that limit access and actions for the objects in a configuration and to determine what interfaces are available to each user. Most commonly, administrators will define and manage workflow rules with the System Manager and operators will only have access to the Queue Manager for controlling and monitoring job workflow.
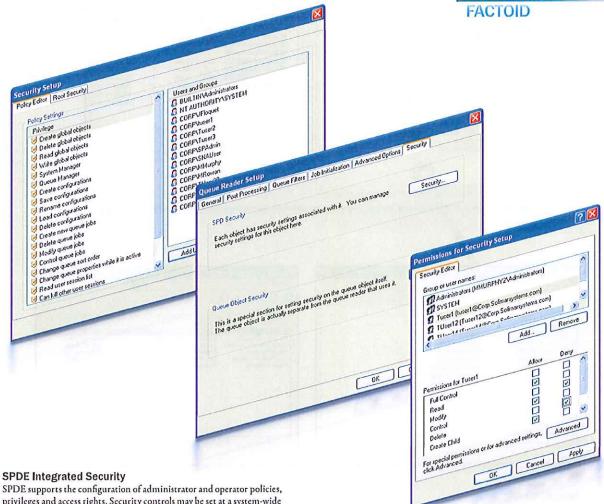
Granular security enables administrators to control who can do what in the system for every module in a configuration based on their login credentials. For instance, an administrator could prevent a group from accessing a job queue, prohibit a user from making configuration changes, and allow others to fully control some queues, but only monitor processing activity for others, and deny access to others.

Using queue security enables administrators to set up a workflow to track operator activity. If an action performed by a user is denied because of insufficient policies or permissions, the event will be logged in the Windows Event Viewer.
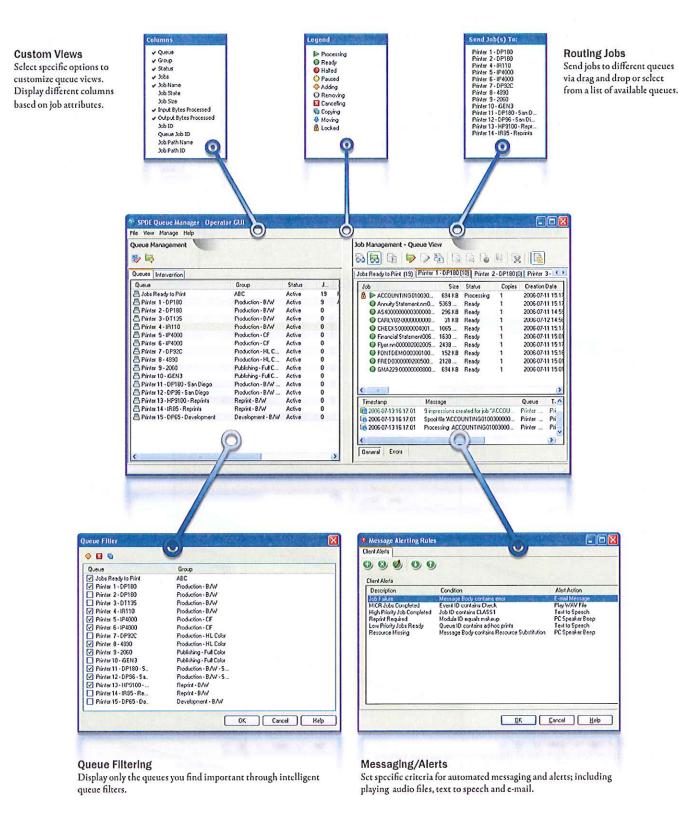
A single client saves over $6 million dollars annually in labor costs with a Solimar solution.

SOLIMAR

FACTOID

SPDE Integrated Security
SPDE supports the configuration of administrator and operator policies, privileges and access rights. Security controls may be set at a system-wide level or individual module levels to determine what settings and interfaces are available to each user.

Custom Views
Select specific options to customize queue views. Display different columns based on job attributes.

Columns
- ✔ Queue
- ✔ Group
- ✔ Status
- ✔ Jobs
- ✔ Job Name
- Job State
- Job Size
- ✔ Input Bytes Processed
- ✔ Output Bytes Processed
- Job ID
- Queue Job ID
- Job Path Name
- Job Path ID

Legend
- ▶ Processing
- ● Ready
- ● Halted
- ○ Paused
- ◆ Adding
- ○ Removing
- ✖ Cancelling
- ▣ Copying
- ↓ Moving
- 🔒 Locked

Send Job(s) To:
- Printer 1 - DP180
- Printer 2 - DP180
- Printer 4 - IR110
- Printer 5 - IP4000
- Printer 6 - IP4000
- Printer 7 - DP92C
- Printer 8 - 4890
- Printer 9 - 2060
- Printer 10 - iGEN3
- Printer 11 - DP180 - San D...
- Printer 12 - DP96 - San Di...
- Printer 13 - HP9100 - Repr...
- Printer 14 - IR85 - Reprints

Routing Jobs
Send jobs to different queues via drag and drop or select from a list of available queues.

SPDE Queue Manager - Operator GUI
File View Manage Help

Queue Management

Queues | Intervention

Queue	Group	Status	J...
Jobs Ready to Print	ABC	Active	19
Printer 1 - DP180	Production - B/W	Active	9
Printer 2 - DP180	Production - B/W	Active	0
Printer 3 - DT135	Production - B/W	Active	0
Printer 4 - IR110	Production - B/W	Active	0
Printer 5 - IP4000	Production - CF	Active	0
Printer 6 - IP4000	Production - CF	Active	0
Printer 7 - DP92C	Production - HL C...	Active	0
Printer 8 - 4890	Production - HL C...	Active	0
Printer 9 - 2060	Publishing - Full C...	Active	0
Printer 10 - iGEN3	Publishing - Full C...	Active	0
Printer 11 - DP180 - San Diego	Production - B/W ...	Active	0
Printer 12 - DP96 - San Diego	Production - B/W ...	Active	0
Printer 13 - HP9100 - Reprints	Reprint - B/W	Active	0
Printer 14 - IR85 - Reprints	Reprint - B/W	Active	0
Printer 15 - DP65 - Development	Development - B/W	Active	0

Job Management - Queue View

Jobs Ready to Print (19) | Printer 1 - DP180 (10) | Printer 2 - DP180 (0) | Printer 3 - ◀▶

Job	Size	Status	Copies	Creation Date
▶ ACCOUNTING010030...	694 KB	Processing	1	2006-07-11 15:17
Annuity Statement.rm0...	5369 ...	Ready	1	2006-07-11 15:17
AS40000000000300000...	296 KB	Ready	1	2006-07-11 14:59
CARLY02-0000000000...	31 KB	Ready	1	2006-07-12 14:58
CHECKS00000004001...	1065 ...	Ready	1	2006-07-11 15:17
Financial Statement006...	1630 ...	Ready	1	2006-07-11 15:01
Flyer.rm000002002005...	2438 ...	Ready	1	2006-07-11 15:17
FONTDEM000300100...	152 KB	Ready	1	2006-07-11 15:16
FRED0300000200500...	2128 ...	Ready	1	2006-07-11 15:01
GMA229.00000000300...	694 KB	Ready	1	2006-07-11 15:01

Timestamp	Message	Queue	T...
2006-07-13 16:17:01	9 impressions created for job "ACCOU...	Printer ...	Pri...
2006-07-13 16:17:01	Spool file 'ACCOUNTING0100300000...	Printer ...	Pri...
2006-07-13 16:17:01	Processing ACCOUNTING01003000...	Printer ...	Pri...

General | Errors

Queue Filter

Queue	Group
☑ Jobs Ready to Print	ABC
☑ Printer 1 - DP180	Production - B/W
☐ Printer 2 - DP180	Production - B/W
☐ Printer 3 - DT135	Production - B/W
☑ Printer 4 - IR110	Production - B/W
☑ Printer 5 - IP4000	Production - CF
☑ Printer 6 - IP4000	Production - CF
☐ Printer 7 - DP92C	Production - HL Color
☑ Printer 8 - 4890	Production - HL Color
☑ Printer 9 - 2060	Publishing - Full Color
☐ Printer 10 - iGEN3	Publishing - Full Color
☑ Printer 11 - DP180 - S...	Production - B/W - S...
☑ Printer 12 - DP96 - Sa...	Production - B/W - S...
☑ Printer 13 - HP9100 -...	Reprint - B/W
☐ Printer 14 - IR85 - Re...	Reprint - B/W
☐ Printer 15 - DP65 - De...	Development - B/W

OK   Cancel   Help

Message Alerting Rules
Client Alerts

Client Alerts

Description	Condition	Alert Action
Job Failure	Message Body contains error	E-mail Message
MICR Jobs Completed	Event ID contains Check	Play WAV File
High Priority Job Completed	Job ID contains CLASS1	Text to Speech
Reprint Required	Module ID equals makeup	PC Speaker Beep
Low Priority Jobs Ready	Queue ID contains ad hoc prints	Text to Speech
Resource Missing	Message Body contains Resource Substitution	PC Speaker Beep

OK   Cancel   Help

Queue Filtering
Display only the queues you find important through intelligent queue filters.

Messaging/Alerts
Set specific criteria for automated messaging and alerts; including playing audio files, text to speech and e-mail.

Print Smarter.™

The security system in SPDE's System Manager allows administrators to set rules that limit access and actions for the objects in a configuration and to determine what interfaces are available to each user. Most commonly, administrators will define and manage workflow rules with the System Manager and operators will only have access to the Queue Manager for controlling and monitoring job workflow.
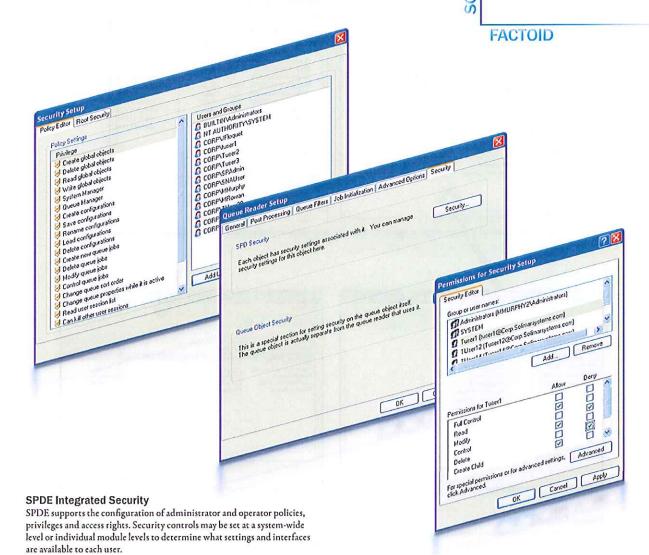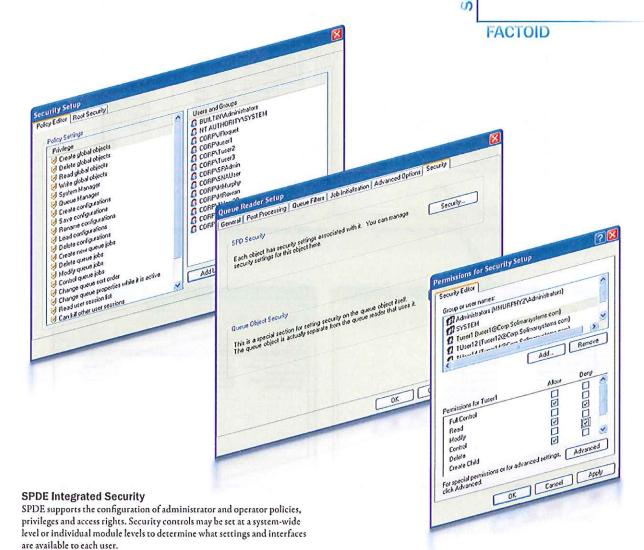
Granular security enables administrators to control who can do what in the system for every module in a configuration based on their login credentials. For instance, an administrator could prevent a group from accessing a job queue, prohibit a user from making configuration changes, and allow others to fully control some queues, but only monitor processing activity for others, and deny access to others.

Using queue security enables administrators to set up a workflow to track operator activity. If an action performed by a user is denied because of insufficient policies or permissions, the event will be logged in the Windows Event Viewer.

A single client saves over $6 million dollars annually in labor costs with a Solimar solution.

SOLIMAR **FACTOID**

SPDE Integrated Security

SPDE supports the configuration of administrator and operator policies, privileges and access rights. Security controls may be set at a system-wide level or individual module levels to determine what settings and interfaces are available to each user.

SPDE physically connects to and communicates with a wide range of mainframes, midrange hosts, networks, stand alone devices, printers, viewing stations, and archiving systems. SPDE receives and sends data through many direct and network communication protocols. To host systems, SPDE appears as a native printer and receives print data for processing. To printers, SPDE appears as the host system sending appropriate print data and resources.

Incoming Connectivity Modules:

- BUS/TAG
- ESCON
- Files
- FTP
- Novell
- Parallel
- Tape
- TCP/IP

Outgoing Connectivity Modules:

- BUS/TAG
- Files
- FTP
- Offline Tape
- Parallel
- SCSI DDI
- TCP/IP
- Windows Drivers

Print Language Transforms and Optimizations

SPDE's printer emulations are second to none! Not a simulation or a rudimentary scripting tool, the system rapidly and dynamically converts the incoming data streams into new printer languages and distributes the jobs to target printers or other output destinations. SPDE is commonly used to optimize highly graphical or inefficient AFP, VIPP, Metacode, PDF and PostScript environments to obtain optimum printer performance.

Incoming PDLs	Outgoing PDLs							
	AFPDS	IPDS	Metacode	PCL	PDF	PostScript	TIFF	XML
AFPDS	✓	✓	✓	✓	✓	✓	✓	✓
IPDS	✓	✓	✓	✓	✓	✓	✓	✓
LCDS/Metacode	✓	✓	✓	✓	✓	✓	✓	✓
Line Data	✓	✓	✓	✓	✓	✓	✓	✓
PCL	✓	✓	✓	✓	✓	✓	✓	✓
PDF	✓	✓	✓	✓	✓	✓	✓	✓
PostScript	✓	✓	✓	✓	✓	✓	✓	✓
TIFF	✓	✓	✓	✓	✓	✓	✓	✓
VIPP®	✓	✓	✓	✓	✓	✓	✓	✓

The Solimar Print Director product line has been a market-leading output management solution since it was first introduced in 1991. Since that time, Solimar has consistently invested in and improved the Print Director product, maintaining the philosophy: Never Leave A Client Behind. To that end, we preserve your existing investments in software, hardware, and application development. What's more, we make it as easy as possible to upgrade to the latest software version and reap the benefits of the latest technology.

Special Upgrade Pricing for Current Users

To our valued, worldwide Solimar Print/Director clients, we offer you special discounted upgrade pricing. For details and eligibility, please contact your Solimar Account Manager, authorized Solimar distributor or the Solimar Technical Sales team at 1+619.849.2800 or sales@solimarsystems.com.

About Solimar Systems, Inc.

Founded in 1991, Solimar Systems, Inc. is a leading developer of enterprise output management solutions for digital document creation, production and distribution. Installed in thousands of sites around the world, including over 70% of the Fortune 100, Solimar solutions satisfy a wide range of requirements by combining integrated connectivity, data stream transforms and optimizations, document re-engineering/repurposing and sophisticated print queue management with secure web-based document presentment, distribution and tracking.

Experts in legacy and modern data streams, Solimar solutions provide essential infrastructure to a variety of industries including insurance, financial services, banking, pharmaceutical, telecommunications, healthcare, government, education, retail, manufacturing, utilities, distribution and print service bureaus.

Watch a 30-minute webcast on the Solimar® Print Director™ Enterprise anytime!

www.solimarsystems.com

SOLIMAR

FACTOID

Solimar Systems, Inc.
1515 Second Avenue • San Diego, CA 92101 • USA
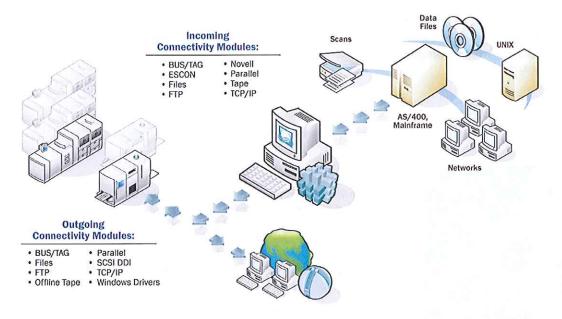Phone: +1.619.849.2800 • sales@solimarsystems.com+1.619.849.2801

Solimar Systems, Ltd.
Heritage House • 79-80 High Street • Gravesend, Kent DA11 0BH
UNITED KINGDOM
Phone: +44 (0)845 230 9850 • sales@solimarsystems.com+44 (0)845 230 9851

www.solimarsystems.com

SPDE physically connects to and communicates with a wide range of mainframes, midrange hosts, networks, stand alone devices, printers, viewing stations, and archiving systems. SPDE receives and sends data through many direct and network communication protocols. To host systems, SPDE appears as a native printer and receives print data for processing. To printers, SPDE appears as the host system sending appropriate print data and resources.

Incoming Connectivity Modules:
- BUS/TAG
- ESCON
- Files
- FTP
- Novell
- Parallel
- Tape
- TCP/IP

Outgoing Connectivity Modules:
- BUS/TAG
- Files
- FTP
- Offline Tape
- Parallel
- SCSI DDI
- TCP/IP
- Windows Drivers

Print Language Transforms and Optimizations

SPDE's printer emulations are second to none! Not a simulation or a rudimentary scripting tool, the system rapidly and dynamically converts the incoming data streams into new printer languages and distributes the jobs to target printers or other output destinations. SPDE is commonly used to optimize highly graphical or inefficient AFP, VIPP, Metacode, PDF and PostScript environments to obtain optimum printer performance.

Incoming PDLs	Outgoing PDLs							
	AFPDS	IPDS	Metacode	PCL	PDF	PostScript	TIFF	XML
AFPDS	✓	✓	✓	✓	✓	✓	✓	✓
IPDS	✓	✓	✓	✓	✓	✓	✓	✓
LCDS/Metacode	✓	✓	✓	✓	✓	✓	✓	✓
Line Data	✓	✓	✓	✓	✓	✓	✓	✓
PCL	✓	✓	✓	✓	✓	✓	✓	✓
PDF	✓	✓	✓	✓	✓	✓	✓	✓
PostScript	✓	✓	✓	✓	✓	✓	✓	✓
TIFF	✓	✓	✓	✓	✓	✓	✓	✓
VIPP®	✓	✓	✓	✓	✓	✓	✓	✓

The Solimar Print Director product line has been a market-leading output management solution since it was first introduced in 1991. Since that time, Solimar has consistently invested in and improved the Print Director product, maintaining the philosophy: Never Leave A Client Behind. To that end, we preserve your existing investments in software, hardware, and application development. What's more, we make it as easy as possible to upgrade to the latest software version and reap the benefits of the latest technology.

Special Upgrade Pricing for Current Users

To our valued, worldwide Solimar Print/Director clients, we offer you special discounted upgrade pricing. For details and eligibility, please contact your Solimar Account Manager, authorized Solimar distributor or the Solimar Technical Sales team at 1+619.849.2800 or sales@solimarsystems.com.

About Solimar Systems, Inc.

Founded in 1991, Solimar Systems, Inc. is a leading developer of enterprise output management solutions for digital document creation, production and distribution. Installed in thousands of sites around the world, including over 70% of the Fortune 100, Solimar solutions satisfy a wide range of requirements by combining integrated connectivity, data stream transforms and optimizations, document re-engineering/repurposing and sophisticated print queue management with secure web-based document presentment, distribution and tracking.

Experts in legacy and modern data streams, Solimar solutions provide essential infrastructure to a variety of industries including insurance, financial services, banking, pharmaceutical, telecommunications, healthcare, government, education, retail, manufacturing, utilities, distribution and print service bureaus.

Watch a 30-minute webcast on the Solimar® Print Director™ Enterprise anytime!

www.solimarsystems.com

SOLIMAR

FACTOID

Solimar Systems, Inc.
1515 Second Avenue • San Diego, CA 92101 • USA
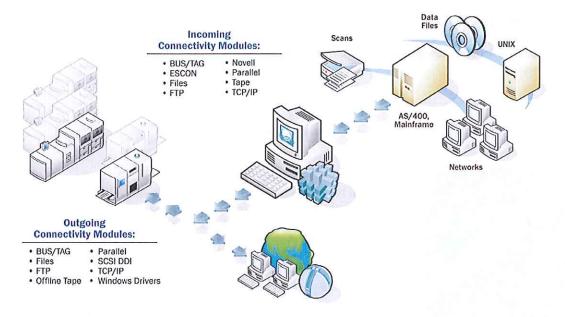Phone: +1.619.849.2800 • sales@solimarsystems.com+1.619.849.2801

Solimar Systems, Ltd.
Heritage House • 79-80 High Street • Gravesend, Kent DA11 0BH
UNITED KINGDOM
Phone: +44 (0)845 230 9850 • sales@solimarsystems.com+44 (0)845 230 9851

www.solimarsystems.com

SPDE physically connects to and communicates with a wide range of mainframes, midrange hosts, networks, stand alone devices, printers, viewing stations, and archiving systems. SPDE receives and sends data through many direct and network communication protocols. To host systems, SPDE appears as a native printer and receives print data for processing. To printers, SPDE appears as the host system sending appropriate print data and resources.

Incoming Connectivity Modules:
- BUS/TAG
- ESCON
- Files
- FTP
- Novell
- Parallel
- Tape
- TCP/IP

Outgoing Connectivity Modules:
- BUS/TAG
- Files
- FTP
- Offline Tape
- Parallel
- SCSI DDI
- TCP/IP
- Windows Drivers

Print Language Transforms and Optimizations

SPDE's printer emulations are second to none! Not a simulation or a rudimentary scripting tool, the system rapidly and dynamically converts the incoming data streams into new printer languages and distributes the jobs to target printers or other output destinations. SPDE is commonly used to optimize highly graphical or inefficient AFP, VIPP, Metacode, PDF and PostScript environments to obtain optimum printer performance.

Incoming PDLs	Outgoing PDLs							
	AFPDS	IPDS	Metacode	PCL	PDF	PostScript	TIFF	XML
AFPDS	✓	✓	✓	✓	✓	✓	✓	✓
IPDS	✓	✓	✓	✓	✓	✓	✓	✓
LCDS/Metacode	✓	✓	✓	✓	✓	✓	✓	✓
Line Data	✓	✓	✓	✓	✓	✓	✓	✓
PCL	✓	✓	✓	✓	✓	✓	✓	✓
PDF	✓	✓	✓	✓	✓	✓	✓	✓
PostScript	✓	✓	✓	✓	✓	✓	✓	✓
TIFF	✓	✓	✓	✓	✓	✓	✓	✓
VIPP®	✓	✓	✓	✓	✓	✓	✓	✓

The Solimar Print Director product line has been a market-leading output management solution since it was first introduced in 1991. Since that time, Solimar has consistently invested in and improved the Print Director product, maintaining the philosophy: Never Leave A Client Behind. To that end, we preserve your existing investments in software, hardware, and application development. What's more, we make it as easy as possible to upgrade to the latest software version and reap the benefits of the latest technology.

Special Upgrade Pricing for Current Users

To our valued, worldwide Solimar Print/Director clients, we offer you special discounted upgrade pricing. For details and eligibility, please contact your Solimar Account Manager, authorized Solimar distributor or the Solimar Technical Sales team at 1+619.849.2800 or sales@solimarsystems.com.

About Solimar Systems, Inc.

Founded in 1991, Solimar Systems, Inc. is a leading developer of enterprise output management solutions for digital document creation, production and distribution. Installed in thousands of sites around the world, including over 70% of the Fortune 100, Solimar solutions satisfy a wide range of requirements by combining integrated connectivity, data stream transforms and optimizations, document re-engineering/repurposing and sophisticated print queue management with secure web-based document presentment, distribution and tracking.

Experts in legacy and modern data streams, Solimar solutions provide essential infrastructure to a variety of industries including insurance, financial services, banking, pharmaceutical, telecommunications, healthcare, government, education, retail, manufacturing, utilities, distribution and print service bureaus.

Watch a 30-minute webcast on the Solimar® Print Director™ Enterprise anytime!

www.solimarsystems.com

SOLIMAR

FACTOID

Solimar Systems, Inc.
1515 Second Avenue • San Diego, CA 92101 • USA
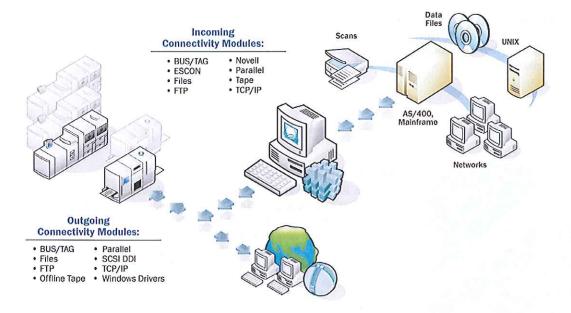Phone: +1.619.849.2800 • sales@solimarsystems.com+1.619.849.2801

Solimar Systems, Ltd.
Heritage House • 79-80 High Street • Gravesend, Kent DA11 0BH
UNITED KINGDOM
Phone: +44 (0)845 230 9850 • sales@solimarsystems.com+44 (0)845 230 9851

SOLIMAR
SYSTEMS, INC

www.solimarsystems.com

SPDE physically connects to and communicates with a wide range of mainframes, midrange hosts, networks, stand alone devices, printers, viewing stations, and archiving systems. SPDE receives and sends data through many direct and network communication protocols. To host systems, SPDE appears as a native printer and receives print data for processing. To printers, SPDE appears as the host system sending appropriate print data and resources.

Print Language Transforms and Optimizations

SPDE's printer emulations are second to none! Not a simulation or a rudimentary scripting tool, the system rapidly and dynamically converts the incoming data streams into new printer languages and distributes the jobs to target printers or other output destinations. SPDE is commonly used to optimize highly graphical or inefficient AFP, VIPP, Metacode, PDF and PostScript environments to obtain optimum printer performance.

Incoming PDLs	Outgoing PDLs							
	AFPDS	IPDS	Metacode	PCL	PDF	PostScript	TIFF	XML
AFPDS	✓	✓	✓	✓	✓	✓	✓	✓
IPDS	✓	✓	✓	✓	✓	✓	✓	✓
LCDS/Metacode	✓	✓	✓	✓	✓	✓	✓	✓
Line Data	✓	✓	✓	✓	✓	✓	✓	✓
PCL	✓	✓	✓	✓	✓	✓	✓	✓
PDF	✓	✓	✓	✓	✓	✓	✓	✓
PostScript	✓	✓	✓	✓	✓	✓	✓	✓
TIFF	✓	✓	✓	✓	✓	✓	✓	✓
VIPP®	✓	✓	✓	✓	✓	✓	✓	✓

The Solimar Print Director product line has been a market-leading output management solution since it was first introduced in 1991. Since that time, Solimar has consistently invested in and improved the Print Director product, maintaining the philosophy: Never Leave A Client Behind. To that end, we preserve your existing investments in software, hardware, and application development. What's more, we make it as easy as possible to upgrade to the latest software version and reap the benefits of the latest technology.

Special Upgrade Pricing for Current Users

To our valued, worldwide Solimar Print/Director clients, we offer you special discounted upgrade pricing. For details and eligibility, please contact your Solimar Account Manager, authorized Solimar distributor or the Solimar Technical Sales team at 1+619.849.2800 or sales@solimarsystems.com.

About Solimar Systems, Inc.

Founded in 1991, Solimar Systems, Inc. is a leading developer of enterprise output management solutions for digital document creation, production and distribution. Installed in thousands of sites around the world, including over 70% of the Fortune 100, Solimar solutions satisfy a wide range of requirements by combining integrated connectivity, data stream transforms and optimizations, document re-engineering/repurposing and sophisticated print queue management with secure web-based document presentment, distribution and tracking.

Experts in legacy and modern data streams, Solimar solutions provide essential infrastructure to a variety of industries including insurance, financial services, banking, pharmaceutical, telecommunications, healthcare, government, education, retail, manufacturing, utilities, distribution and print service bureaus.

Watch a 30-minute webcast on the Solimar® Print Director™ Enterprise anytime!

www.solimarsystems.com

SOLIMAR

FACTOID

Solimar Systems, Inc.
1515 Second Avenue • San Diego, CA 92101 • USA
Phone: +1.619.849.2800 • sales@solimarsystems.com+1.619.849.2801

Solimar Systems, Ltd.
Heritage House • 79-80 High Street • Gravesend, Kent DA11 0BH
UNITED KINGDOM
Phone: +44 (0)845 230 9850 • sales@solimarsystems.com+44 (0)845 230 9851

www.solimarsystems.com