

Xerox® EX Print Server, Powered by Fiery®, for the Xerox® iGen4® Press

Raise levels of productivity, profit and success.

The powerful combination of the Xerox® EX Print Server, Powered by Fiery®, and Xerox® iGen4® delivers unparalleled image and color quality, maximum productivity and seamless integration with existing workflows, so you can produce exceptional results every time. It's an ideal solution for producing high-margin print jobs such as high-end collateral, personalized communications and packaging.

Maximum Productivity and Power

With a combination of advanced hardware and core technologies, the EX Print Server produces outstanding RIP speeds that allow operators to do more work and process jobs faster. In addition to delivering blazing fast job-processing speeds, even for complex variable data jobs, job management is even faster and more efficient using Fiery Command WorkStation® 5 and Fiery Impose-Compose. Increase your production and reduce errors and waste by centralizing job management using the intuitive user interface. Plus, with over 17 million Fiery users today, it's easier for you to leverage operators' current experience and shorten the learning curve for new operators of various skill levels.

Do more in less time with the EX Print Server's variable data printing (VDP) capabilities. It offers open, scalable workflow tools from entry level to advanced, supports Creo™ VPS and industry standards, such as PPML and PDF/VT, plus it's compatible with Xerox® FreeFlow® VI Compose and Darwin™ VDP software. New VDP enhancements speed up previewing and reprinting of individual VDP raster records.

Exceed color expectations with the highest accuracy and consistency.

The EX Print Server gives the best color consistency and accuracy with integrated Fiery color management tools. The latest Fiery Image Enhance Visual Editor now includes updated algorithms to sharpen images, smooth flesh tones and enhance natural color of photos. The new integrated Color Profiler Suite 4.0 includes spot color optimization to get the most precise spot-color matching and provides a wizard-driven interface for efficient color quality assurance on a job basis.

Automate with seamless integration.

In high-volume businesses, every resource, minute and penny counts. Automation and integration are now key to a profitable operation. Fiery JDF technology enables built-in JDF workflow support to streamline processes from job submission to output. The EX Print Server conforms to industry standards and serves as a gateway to third-party technologies such as Xerox® FreeFlow® Workflow and other EFI® solutions like Fiery Central, EFI Digital StoreFront® and EFI MIS/ERP business software. Get accurate and automatic business intelligence by capturing production time and material usage for more precise reports estimates and invoices.

The EX Print Server integrates with Agfa® :Apogee™ Prepress Workflow and Kodak® Prinergy™ Workflow so you can submit jobs to and manage one or more Fiery Driven™ digital print engines from the same familiar user interface. It is compliant with Xerox® Digital Finishing Architecture (DFA) in support of all Xerox® Automated Finishing Devices (AxF) including the Xerox® IntegratedPLUS Finishing Solutions.

By supporting the Adobe® PDF Print Engine 2, Fiery servers also offer a native end-to-end PDF workflow that allows you to improve the consistency and flexibility of your printed output from design to print.

Powered by



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Hardware/Platform

- 2 x Intel® Hex Core Xeon® Processor X5660
- Speed: 2.8 GHz
- Total number of cores: 6
- 1 x 250 GB SATA hard drive for OS, 2 x 500 GB for data
- 22" wide screen LCD
- 4.0 GB high-speed memory
- CD-DVD R/W
- EFI® ES-2000 Spectrophotometer
- Fiery Integrated Workstation: Furniture stand, GUI kit (22" display, keyboard and mouse)
- 10 USB ports (4 internal)
- Removable Hard Drive (option)
- Fiery System 10 software
- Windows® 7 Professional for Embedded Systems x32/x64
- Adobe® Acrobat® Professional X

Fiery Color Technology

- Fiery ColorWise® enables in-RIP total color management
- Engine Text and Graphics Enhancement
- Fiery Spot-On™ finds the best match of Pantone®, RGB, CMYK, L*a*b* and spot colors
- Pantone calibrated for the best possible Pantone color matching
- Composite overprint of spot and CMYK colors for accurate representation of the designer's intent
- Fiery Image Enhance Visual Editor v 1.1 delivers noticeable improvement of non-professional photographs with an interactive toolset for optimizing image appearance automatically and creating custom adjustments
- Color modes for professional proofing and enhanced production color requirements
- Image Smoothing includes smooth shading of 12-bit vector color data
- Fiery Color Profiler Suite 4.0 creates, visualizes, tests and edits color profiles with a single profiling solution
- Fiery Graphic Arts Package, Premium Edition, groups together expert tools for preflighting and troubleshooting customer files
- ImageViewer for local and remote soft proofing with intuitive color editing capabilities
- Full integration with iGen 4's Inline Spectrophotometer and Color Management Tool simplifies job setup and guarantees optimum color accuracy
- Color Editor and Profile Manager
- Fogra Media Wedge® is used as a control bar for simplified validation process to ISO standards

Workflow

- Spool-RIP-Print simultaneously offers the fastest output delivery to the print engine
 - Fiery Paper Catalog integrates with the iGen4 Stock Library to simplify stock selection and eliminate stock mismatches
 - Object based screening allows different screens for image, text and graphics
- Integration with Xerox® FreeFlow® Workflow collection
- Support of Adobe PDF Print Engine 2, offering native end-to-end PDF-based workflows
- Fiery Command WorkStation® 5 offers intuitive and productive workflow control from local or remote Mac® and PC clients

- Advanced Job Management includes production features such as Rush Printing, Schedule Print, Suspend on Mismatch, Job Reorder, Proof Print and Quick Doc Merge
- Fiery Hot Folders v3.3 for PC and Mac includes Microsoft® Office Filters, and allows automatic merging of JPG images to produce photo booklets and contact sheets
- Virtual Printers automates job preparation
- Support of PS and PDF X-Objects on a per-job basis to maximize job-processing speeds
- Fiery driver for Windows and Mac simplifies job submission
- Configurable Sample Print for uninterrupted quality assurance check

Document Preparation

- Booklet Maker 4 allows flawless booklet imposition from the Fiery Driver
- Fiery Impose-Compose offers visual document preparation and simplifies labor intensive document assembly through:
 - Fiery Impose
 - Fiery Compose
- User-Defined Finish Size for increased control over imposition settings
- Set Page Device visual mapping

Variable Data Printing

- Supports the following formats:
 - VI Compose 11
 - PPML 2.2
 - PDF/VT -1 transparency and object caching
 - VPS 1.5
 - Fiery FreeForm™
 - Optimized PDF and PS
- VDP Record-Level Finishing allows you to apply finishing to a multipage VDP job at a record level
- Fiery Impose offers unlimited visual imposition capabilities and includes raster preview, sample proof printing and Control Strip for less waste
- Define Record Length allows multi-page PS and PDF files to be processed as a VDP job with multipage records
- VDP Resource Manager
- Sequential Print

File Format Support

- Adobe Postscript® Level 1, 2, 3
- PDF/X-1a, 3 and 4
- Encapsulated PostScript (EPS)
- Adobe Acrobat 9.1; Native PDF 1.3, 1.4, 1.5, 1.6 and 1.7
- DCS, DCS 2.0, CT/LW, JPEG, TIFF, TIFF/IT, ExportPS, PDF2GO
- Jobs that have been RIPed for iGen4 (rasters)
- Jobs submitted from FreeFlow Makeready® or FreeFlow Print Manager

Network Environments/Protocols

- TCP/IP, IPP, AppleTalk®
- LPR/LPD
- Port 9100
- IPP Support
- Support for 10/100/1000 Ethernet
- SMB print sharing (over TCP/IP)
- FTP printing
- Print via E-mail

- EtherTalk™ Phase II
- SNMP v3
- JMF (JDF job messaging format)

Client Environments

- Windows Server 2008 32- and 64-bit, and R2 64-bit
- Windows Server 2003 32-bit and SP1 64-bit
- Windows Vista 32- and 64-bit
- Windows 7
- Windows XP 32- and 64-bit
- Macintosh® OS X® 10.5 or higher

Security Features

- IP Filtering for IPv4/IPv6 lets you accept or deny connections from a specific IP address
- Secure Erase security feature overwrites the file three times during job deletion
- Backup and Restore
- Fiery Clone Tool recovers the Fiery back to production in minutes
- Windows 7 Pro delivers more secure operation
- Removable Hard Disk Drive (option)
- User Authentication via LDAP
- IP Sec Support provides security to IP Protocols through encryption and an authentication mechanism
- SSL/TLS support
- Certificate Management
- Encryption of critical information
- IPv6 support

Dimensions/Weight

- Print Server
 - Height: 22.7" (58 cm)
 - Width: 8.36" (22 cm)
 - Depth: 23.17" (59 cm)
 - Weight: 66.9 lb (30.3 kg)
- Furniture Stand
 - Height: 60.5" (154 cm)
 - Width: 32.1" (81.5 cm)
 - Depth: 40.0" (101 cm)
 - Weight: 62 lb (28.1 kg)

Power

- Electrical
 - Input line voltage range 100 to 240 V
 - Input current range 0 to 8 Amps
 - Input frequency 47 to 63 Hz
- Power consumption
 - Typical—250 Watts, 2 Amps
 - Maximum—400 Watts, 3.5 Amps

Regulatory Agency Approvals

- Meets or exceeds the following requirements:
 - Safety: TUV/UL-CSA, TUV/GS, CE Mark, CB Scheme
 - Emissions: FCC, ICES, EMCD Class A
 - WEEE compliance

Integration

- FreeFlow Workflow built-in
- Native Fiery JDF integrates creative, production and management information solutions, making digital production faster and more efficient
 - Agfa® :Apogee™ Prepress
 - Kodak® Prinergy™ Workflow
 - EFI® Digital StoreFront®
 - EFI Pace

For more information on the EX Print Server, Powered by Fiery, for the Xerox® iGen4 Digital Press, please contact your Xerox representative, call 1-800-ASK-XEROX or visit us online at www.xerox.com.

