Xerox® FreeFlow® Print Server

For the Xerox® Color 800i/1000i Presses

Give yourself an advantage.

With the Xerox® FreeFlow Print Server, you have the ideal combination of ease of use, outstanding output and benchmark RIP performance. Built-in profiling lets you quickly and easily take full advantage of the impressive color gamut of the Xerox® Color 800i/1000i Presses. The certified Adobe® RIP will meet your customers' most demanding requirements for accuracy and consistency. And lastly, parallel RIP technology means that you can be confident that the FreeFlow Print Server will RIP jobs at rated speed even given today's more complex PDF applications.

Color Management Made Easy

Color calibration is not only reliable but also rapid and robust. The FreeFlow Print Server supports the Automated Color Quality Suite's automated calibration and automated advanced profiling using the printer's Full Width Array technology. Advanced destination profiling technology delivers accuracy that far exceeds industry standards. And with one-button ease, you can color match traditional CMYK and digital-age RGB workflows including emulations, so you can move jobs between offset and digital workflows with consistent results.

Specialty inks deliver new opportunities.

Clear Dry Ink, the original Specialty Dry Ink, is now joined by Metallic Dry Inks (Silver and Gold). The Xerox® FreeFlow Print Server fully supports the new set of Specialty Dry Inks, which can be used to add visual impact to graphics, images, text and even entire pages. The FreeFlow Print Server gives you full control via spot color workflows managed through GUI level controls and settings to give you the ultimate control over where, when and how to apply Specialty Dry Inks. Specialty ink effects can be built into the document during design, or added by the FreeFlow Print Server at the printer.

End-to-End Ease

The FreeFlow Print Server, powered by the Adobe® PDF Print Engine®, delivers predictable and consistent workflow performance—from creative through prepress and production. By using a native certified RIP, you eliminate the problems associated with file conversion. You can be confident that the effects created by the document designer print exactly as expected, without time-consuming and unreliable workarounds like transformation and flattening. The FreeFlow Print Server's native JDF/JMF support means easier integration with your existing workflow.
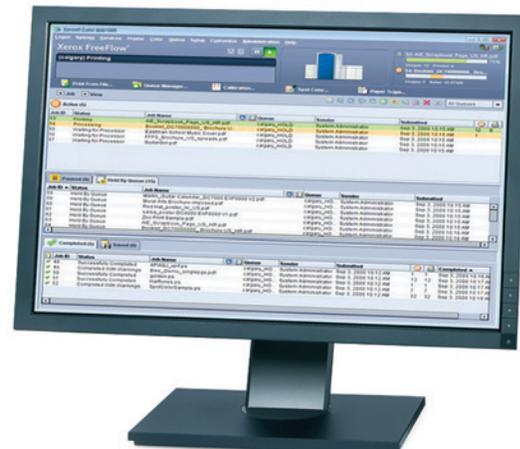
Xerox® FreeFlow® Print Server

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Hardware/Platform

- **Processor:** Hexa-Core 2.4 GHz, 15 MB Cache Processors
- **Processor Type:** 2 x Intel® Xeon® E5-2620V3 Processors
- **Hard Drive:** 4 x 1 TB
- **Memory:** 48 GB
- **Operating System:** Solaris® 10 Update 10
- **Software** 9.0 SP3
- **Ports:** 8 x USB 2.0, 1 serial
- 10/100/1000 BaseT Ethernet Ports
- **Calibration:** X-Rite® i1 Spectrophotometer
- **Display:** 22" Wide Screen
- Keyboard and Mouse
- DVD-ROM/DVD-RW

Xerox® ConfidentColor Technology

- Easy-to-expert color management tools
- Supports the Color Press' Automated Color Quality Suite of color management and productivity tools
- ICC and DeviceLink workflow support
- Advanced Profiling—optimized profiling target (patent pending) provides High Accuracy Printer Model
- Automated calibration and destination profiling with ACQS via the Full Width Array
- Automated calibration scheduling
- Xerox® Consistent Color mode provides built-in color matching
- Optimized RGB and Spot Color Emulation
- PANTONE® licensed and spot-color matching
- PANTONE Goe™ support
- Key color emulations such as GRACoL®, SWOP®, Euroscale, Fogra, Japan Color
- Easy color correction tools integrated with Tone Reproduction Curve (TRC) Editor
- Intuitive spot color editor for spot color matching
- Support of color management callouts from AFP/IPDS™ data stream
- Specialty Dry Ink (support via Spot Color workflow)
  - Clear Dry Ink (with multipass)
  - Metallic Silver Dry Ink
  - Metallic Gold Dry Ink

Productivity and Workflow

- Adobe® PDF Print Engine® 3.1 support
  - Parallel RIP technology delivers high speed performance
  - RGB to Black for Text/Graphics
  - Supports Live Transparency with spot colors
  - Single rendering engine with the Adobe Common Rendering Engine
- Supports new PDF/VT standard
- Simultaneous receiving, selecting, processing and printing of jobs
- Extensive job management capabilities at page, job and queue levels
- Preflight, preview and soft proof for job accuracy
- Layout/Imposition standard (e.g., booklet, 4-up)
- Hot folder drag-and-drop support for Windows®, Apple®, Linux® and UNIX®
- JDF job ticket support
- Xerox® FreeFlow Remote Print Server for remote fleet management
- Page exception programming allows for last-minute job changes at the server

Client and Remote Support

- Choice of print drivers
  - Support for Xerox® Global Print Driver®
  - Fully featured Xerox® print drivers
  - Windows XP (9.0 SP3 or later); Server 2003/Server 2008/R2 32- and 64-bit/Vista/Windows 7/8 full-featured drivers
  - Windows WHQL (Windows Hardware Quality Labs) print drivers with dynamic tray and status reporting
  - Apple OS 10.5 and higher
- Citrix® XenApp 5.0
- Support for Xerox® Mobile Express Driver®
- Adobe PostScript® Printer Descriptions (PPD)
- HTTP and HTTPS browser submission support
- IPP for job submission and system status
- Support of IP v4 and IP v6 (dual mode supported)

Variable Data Printing

- Xerox® VIPP®, Line Mode, Database Mode, Native PPML v2.1 Graphic Arts
- Color background form support
- Indefinite job size support
- IPDS transactional data option

File Format Support

- Adobe PostScript Level 1, 2, 3
- Adobe Acrobat® 9.0, PDF 1.7, PDF/X
- TIFF, PCL5c, PCL6XL, EPS, JPEG, PDF/VT

Network Environments/Protocols

- TCP/IP, IPP AppleTalk®, IPP
- DHCP
- SNMP MIB II

Security Features

- Solaris 11 OS utilizes ZFS
- Four security profile modes and levels
- Fully customizable profiles
- Encrypted job submission modes
- Secure print mode (restricts page reprints)
- Address access filtering
- Strong password support
- Data overwrite (standard)

Dimensions/Weight

- Print Server
  - Height 17.45 in. (443.3 mm)
  - Width 11.99 in. (304.5 mm)
  - Depth 21.35 in. (542.2 mm)
  - Weight 66.49 lb (30.16 kg)
- Stand
  - Height 38.5 in. (973 mm)
  - Width 30 in. (720 mm)
  - Depth 30 in. (720 mm)

Power

- Voltage: 10A at 100 VAC and 5A at 240 VAC
- Power: 750W

Regulatory Agency Approval

Meets or exceeds the following requirements:

- Safety—UL 1950, CSA C22.2 No. 950, TUV EN 60950
- RFI/EMI—FCC Class A, DOC Class A, EN 55022 Class A, EN 61000-3-2
- Immunity—EN55024-2010
- CE Mark

Includes Adobe PDF Normalizer

Includes Adobe PDFtoPS Library

Includes Adobe CPSI (previewer)

Includes Adobe PDF Print Engine

Includes Adobe PostScript 3017.102 OEM Source

Includes Adobe PostScript fonts

Includes Monotype® Imaging Fonts

Includes Adobe PDF Library

Includes Adobe Japanese Fonts

For more information on the Xerox® FreeFlow® Print Server for the Xerox® Color 800i/1000i Presses, please contact your Xerox representative, call 1-800-ASK-XEROX or visit us online at www.xerox.com.

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