

Xerox® FreeFlow® Print Server Version 8 for the Xerox® Color 800/1000 Presses

Give your workflow a clear advantage.

With the FreeFlow Print Server, you can have the ideal combination of ease of use, outstanding output and extensive workflow capabilities. Built-in profiling lets you take full advantage of the impressive color gamut of the Xerox® Color 800/1000—including clear dry ink, which can be used to add a matte varnish to graphics, images or a whole page. Transparent color controls meet your customers' most demanding requirements for accuracy and consistency for applications from photo publishing to variable data printing. And the FreeFlow Print Server provides the benchmark for easy color matching across both digital and offset devices.

End-to-end ease.

The FreeFlow Print Server with the Adobe® PDF Print Engine, powered with parallel RIP technology, delivers a predictable and consistent workflow—from creative through prepress and production. By using native PDF files, you eliminate the problems associated with PostScript® conversion. Special effects added by the document designer print as expected—without time-consuming and unreliable workarounds such as flattening layered files. Plus, color conversion, trapping and imposition are integrated and performed at the print server.

Simplified yet powerful job management.

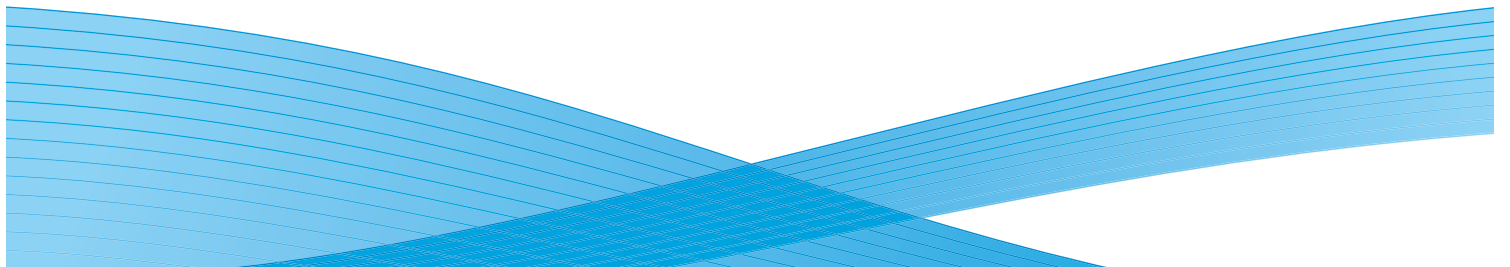
An easy-to-use interface gives you access to extensive job management capabilities—including a print configuration page, dry ink level display and network status—making it easy to monitor your workflow for greater efficiency. RIP and hold a job to proof before a long print run to save time on reprocessing. Plus, you can set up customized print workflows according to the job or customer with the power of 250 queues, then use them over and over without the need to re-program.

ConfidentColor Technology.

Color calibration is not only reliable but also rapid and robust. FreeFlow Print Server supports the Color Press' Automated Color Quality Suite's automated calibration and automated advanced profiling using the printer's Full Width Array technology. Advanced 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.

Outstanding VI features.

Add Variable Information (VI) graphics, images and data to your documents using the FreeFlow Variable Information Suite, XMPie® or a number of other VI software packages for high-impact, high-value marketing communications. With its broad range of capabilities and its ability to support an extensive list of native data streams, it's ideal for both transactional printing using mainframe datastreams and commercial printing using graphic-intensive VI workflows.



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Hardware/Platform

- Processor Spec: Quad Core 2.4 GHz
- Processor Type: 2 x Intel Xeon Processors
- Hard Drive: 4 x 250 GB
- Memory: 24 GB
- Operating System: Solaris™ 10
- Software/Vendor Specifics: FreeFlow Print Server Version 8, Dedicated graphics card
- Ports: 10 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

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
- 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
- Calibration using advanced noise reduction technology
- Easy color correction tools integrated with Tone Reproduction Curve (TRC) Editor
- In-RIP trapping, anti-aliasing, overprinting and selectable halftones
- Intuitive spot color editor for spot color matching
- Support of color management callouts from AFP/IPDS data stream
- Absolute Rendering produces more accurate CGATS E results
- Clear dry ink support via Spot Color workflow as well as through GUI level controls to apply clear to objects (images, texts, and graphics).

Productivity and Workflow

- Adobe PDF Print Engine 2.0 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
- Familiar FreeFlow Print Server experience from office to production

- 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®, Macintosh®, Linux® and UNIX®
- JDF job ticket support
- FreeFlow Remote Print Server for remote fleet management
- Page exception programming allows for last-minute job changes at the server
- Perfect Bound books with imposed pages and multiple sheets per signature
- Adjustable creep for signature booklet layouts
- Right-side and bottom-side bind edge support
- Intelligent print housing management
- Job batching mode delivers optimized engine performance
- Edge enhancement refines text
- GUI option to enable auto center of EPS image

Client and Remote Support

- Choice of print drivers
 - Support for Xerox® Global print driver
 - Xerox® fully featured print drivers
 - Windows® XP® (SP3 or later); Server 2003/Server 2008/R2 32- and 64-bit/Vista™/Windows 7 full-featured drivers
 - Microsoft® Windows WHQL (Windows Hardware Quality Labs) print drivers with dynamic tray and status reporting
 - Macintosh® OS 10.5 and 10.6
- Citrix® XenApp 5.0
- Support for Xerox® Mobile Express print 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
- Optimized PostScript and PDF
- Parallel RIP architecture standard
- Subset application support—user defined or data driven
- Color background form support
- Indefinite job size support
- Dynamic cache architecture
- IPDS transactional data option

File Format Support

- Adobe PostScript Level 1, 2, 3
- Adobe Acrobat® 8.0, PDF 1.7, PDF/X
- TIFF, PCL5c, PCL6XL, EPS, JPEG

Network Environments/Protocols

- TCP/IP, Novell® NDS® IPX/SPX, IPP AppleTalk®, IPP
- DHCP
- SNMP MIB II support for third-party administration tools

Security Features

- Solaris™ 10 OS utilizing 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 17.4 in. (441 mm)
 - Width 10.8 in. (274 mm)
 - Depth 24.4 in. (621 mm)
 - Weight 77 lb (35 kg)

Options

- Stand:
 - Height: 38.5 in. (973 mm)
 - Width: 30 in. (720 mm)
 - Depth: 30 in. (720 mm)
- Extra Color/Clear Enablement Kit
- FreeFlow Photo Automation Tool
- Device Link Integrator
- Disk overwrite
- Xerox® Enterprise Accounting Reporter
- IPDS

Power

- Voltage: 12A at 90 VAC and 6A at 180 VAC
- Power: 870W

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—EN 50082-1
- CE Mark

For more information on the Xerox® FreeFlow Print Server Version 8 for the Xerox® Color 800/1000 Presses, please contact your Xerox representative, call 1-800-ASK-XEROX or visit us online at www.xerox.com.

