

Xerox® FreeFlow® Print Server

For the Xerox® Colour 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 colour gamut of the Xerox® Colour 800i/1000i Presses. The certified Adobe® RIP will meet your customers' most demanding requirements for accuracy and consistency. Lastly, parallel RIP technology means that you can be confident that the Xerox® FreeFlow Print Server will RIP jobs at rated speed even given today's more complex PDF applications.

Colour Management Made Easy

Colour calibration is not only reliable but also rapid and robust. The Xerox® FreeFlow Print Server supports the Automated Colour 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. With one-button ease, you can colour match traditional CMYK and digital-age RGB workflows including emulations, so you can move jobs between offset and digital workflows with consistent results.

Speciality inks deliver new opportunities.

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

End-to-End Ease

The Xerox® 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 Xerox® FreeFlow Print Server's native JDF/JMF support means easier integration with your existing workflow.



Xerox® FreeFlow® Print Server for the Xerox® Colour 800i/1000i Presses

Hardware/Platform

- Processor: Dual Quad Core 2.2 GHz
- Processor Type: 2 x Intel® Xeon® Processors
- Hard Drive: 4 x 500 GB
- Memory: 24 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

ConfidentColour Technology

- Easy-to-expert colour management tools
- Supports the Colour Press' Automated Colour Quality Suite of colour management and productivity tools
- ICC and DeviceLink workflow support
- Advanced Profiling – optimised 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 Colour mode provides built-in colour matching
- Optimised RGB and Spot Colour Emulation
- PANTONE® licenced and spot-colour matching
- PANTONE Goe™ support
- Key colour emulations such as GRACoL®, SWOP®, Euroscale, Fogra, Japan Colour
- Easy colour correction tools integrated with Tone Reproduction Curve (TRC) Editor
- Intuitive spot colour editor for spot colour matching
- Support of colour management callouts from AFP/IPDS data stream
- Speciality Dry Ink (support via Spot Colour 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 colours
 - 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
- Colour 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 10 OS utilising ZFS
- Four security profile modes and levels
- Fully customisable 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 443.3 mm
 - Width 304.5 mm
 - Depth 542.2 mm
 - Weight 30.16 kg
- Stand
 - Height 973 mm
 - Width 720 mm
 - Depth 720 mm

Power

- Voltage: 7.4A at 100 VAC and 3.7A at 240 VAC
- Power: 550W

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

Includes Adobe® PDF Normaliser
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

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