

Great image quality, superb VI capabilities.

The Creo Spire Color Server brings high productivity and outstanding value to the mid-production color printing market. Users can expect a user-friendly graphical user interface (GUI), high-speed RIP, superb color and image quality, and a truly professional workflow.

Maximum power, affordable price.

This server uses advanced fusion-imaging technology to deliver maximum power and robust productivity. Its high-speed RIP processes to the 160 GB disk space and not to memory; this keeps the memory free for other print jobs and operating system tasks. Users can adjust and refine image quality without returning to the original application for re-RIPing, saving production time, and enabling increased output.

Quality color output, with tools to match.

The Spire Color Server offers professional color management and color-matching tools, including a spot-color editor, gray component replacement (GCR), and a custom ICC Profiles workflow for CMYK and RGB. These let users apply all color and image-quality management tools to all documents, quickly and easily. For even higher image quality, this Spire Color Server features Full Auto Frame (FAF) trapping, anti-aliasing for text and line art, and more.

Seamless workflows, seamless connectivity.

The Spire Color Server facilitates plug-and-play connections, the implementation of JDF-supported systems, and supports a seamless connection between offset and digital workflow systems. This results in lower costs, error-free workflows, higher production speeds, and greater overall quality.

The formats you need, ready to go.

By supporting all the popular authoring tools and leading industry formats—Xerox VIPP®, Adobe® PostScript® and PDF, Creo Variable Print Specifications



(VPS), and PPML—the Spire Color Server can handle challenging variable-data printing production in stride. All VI implementation capabilities are embedded in the server's architecture.

Control and ease-of-use for faster production.

Sophisticated document-printing tools put users in control of all of their printing processes, saving production time. They can quickly and easily print covers, tabs, inserts, interleaves, slipsheets, administration pages, and other mixed-media documents. A user-friendly GUI offers easy drag-and-drop capabilities, job management from the workspace with no secondary windows, and job parameters for the job ticket with no secondary utilities.

Available Professional Kit for enhanced efficiency.

This optional kit consists of a dongle plug-in with features that increase productivity and enhance the overall efficiency of the entire workflow. The Professional Kit also has soft-proofing and calibrating capabilities, Enfocus PitStop (an Adobe® Acrobat® plug-in for advanced PDF editing), a PDF analyzer, connectivity to graphic arts support, dynamic page exceptions, VDP tools, and more.



Creo Spire Color Server Specifications

Operating System

- Microsoft® Windows® XP Professional

Hardware/Specifications

- Creo® platform
- Intel® Single P4 3.4 GHz
- Fusion XT board
- 1 x 80 GB system disk
- 2 x 80 GB image disks
- 2 x 256 MB DDR2 (Dual Data Rate)
- Fusion board memory
 - Input memory: 256 MB
 - Output memory: 512 MB
- X-Rite® DTP 34 Densitometer

Image Quality and Color Management

- Professional color management and color-matching tools
- Can apply all color and image quality management tools to all documents, quickly and easily
- Predefined and import custom source and destination profiles
- Same emulation for CMYK and RGB elements for consistent appearance
- Predefined emulations for Xerox DocuColor® 2045/2060, 5252, 6060, and iGen3®
- Separation Options can apply to any type of job
- With enhanced spot color tools you have the ability to protect specific RGB, Gray, and CMYK combinations and get better color fidelity and color consistency
- Single chart calibration makes the calibration process easier and faster
- New gradation tool allows you to drag curves to modify separations and adjust multiple points of input and output
- View before/after soft proof of gradation changes

Workflow

- Intuitive, user-friendly User Interface streamlines workflow and eases the learning curve
- Hot folders enable a common automated workflow
- Spire™ Acrobat® Plug-in for tabs printing makes tab insertion easy
- Pre- and post-RIP job preview and editing enhance control
- Comprehensive workflow connectivity
- Supports pre-separated files that were originally made for offset print, including spot separations
- Last-minute color and imposition corrections maximize flexibility, ensure fast turnaround, and reduce the cost of errors

File Format Support

- Adobe® PostScript® 3
- Native PDF, EPS, TIFF, TIFF/IT, JPEG, CT/LW

Network Environment/Protocols

- AppleTalk®
- NetBEUI
- TCP/IP
- IPX/SPX
- AppleShare®: File sharing
- PAP: File printing
- NetBIOS: Printing and file sharing over TCP/IP/NetBEUI/IPX
- TCP/IP: Printing LPR/LPD
- Novell®: NDS® and NFS (option file sharing) Novell-certified client

Variable Data File Formats

- VIPP® (optional)
- Creo® VPS (Variable Print Specifications)
- PPML

Agency Certification

- FCC 47 CFR:2003 part 15, subpart B Class B limits for conducted emissions and class B limits for radiated emissions
- ICES-003:2004, class B limits for conducted emissions and class B limits for radiated emissions
- EN 55022:1998 + A1:2000 + A2:2003 class B limits for conducted emissions and class B limits for radiated emissions, EN 61000-3:2000
- EN 61000-3-3:1995 + A1:2001, EN 55024:1998 + A1:2001 + A2:2003 standards, harmonized under EMC Directive 89/336/EEC
- VCCI V-3/2003.04 class B limits for conducted emissions and class B limits for radiated emissions

The standards cover full EMC demands to the product

Dimensions

- Platform:
 - Footprint: 21.65 x 7 x 17 in. (55 x 18 x 44 cm)
 - Weight: 40.5 lb (18.5 kg)
- Stand:
 - Footprint: 27.6 x 41.4 x 28.4 in. (70 x 105 x 72 cm)
 - Weight: 55 lb (25 kg)

Options

- Stand
- Professional Kit
- Safe Disk
- Profiler Kit

Electrical

- AC input voltage: 100 to 127 VAC/127/200-240 @ 50 to 60 Hz
- Ampere rating: 2.5 A @ 220 VAC/4.5 A @ 120 VAC