

HP SmartStream Production Pro Print Server



Powerful RIP, sophisticated pre-press



Key benefits

- Process thousands of jobs a day
- Automate pre-press and finishing activities
- Central management of multiple presses
- Simplify production

HP SmartStream Production Pro Print Server is a scalable, high-performance solution with modular architecture, designed to meet even the most complex production needs for HP Indigo digital presses.

Benefit from powerful a RIP engine, complete pre-press suite, finishing automation module, HP PrintOS integration, and a wealth of JDF-based integration possibilities. Available in workstation, tower and rack configurations, Production Pro is suitable for small to large print shops.

Powerful, scalable and robust

Equipped with tightly integrated HP hardware and software, Production Pro is the industry benchmark for RIP Performance. Production Pro offers a unique capability of scaling up the RIP hardware up to 8x the basic configuration to increase RIP capacity even further and control multiple presses from a single server.

A full pre-press suite

Production Pro drives efficiency in your pre-press department. The full pre-press suite capabilities include imposition and marks creation and management tools, a sophisticated color management module (CMM), and a composition engine. All of these capabilities are easily automated via Ticket Templates, or JDF submission.

HP SmartStream Production Pro Print Server technical specifications

Operating system – server configuration

Microsoft Windows 2008 Server R2 (64-bit)

Operating system – Workstation configuration

Microsoft Windows Embedded Standard 7

RIP version

Global Graphics Harlequin Multi-RIP 11.0r1 (64 bit)

Client OS

Chrome, Firefox, Safari, Internet Explorer 11

Color and quality

ICC version 4.0, device link profiles, CMYK+3 spots, CMYKOV + 1 spot, PANTONE emulations, PANTONE Goe™, PANTONE PLUS, advanced halftoning, CMYKOVG, CMYKOG, CMYKVG

Input format

PostScript: Levels 1, 2, 3, and EPS, PDF: 1.7, including optimised PDF and PDF/VT, PDF/X: X-1a:2001, X-1a:2003, X-3:2002, X-3:2003, X-4, X-4p, X-5g, X-5gp, TIFF: 6.0 (multi-page), JPEG: JPEG 2000, PPML: 2.2, PPML/T, JLYT: Indigo JLYT, including SNAP fonts, DCS: 1 and 2, GIF, XPS: 1.0, including high definition (HD) photo assets

Hardware – server configuration

HP ProLiant DL380/DL360 Gen9 servers, 10/12-Core 2.60 GHz CPU, 64/32 GB RAM, 16/2 300GB 10K RPM 6G SAS HDD, VCorN 5

Hardware – Workstation configuration

HP Z840 Workstation, 8 Core, 2.4 GHz CPU, 16 GB RAM, 4 1TB 7200 RPM SATA HDD, DVDRW - 9.5mm Slim

Some items depend on the specific product configuration



Finishing automation with Direct2Finish

Direct2Finish is a unique add-on for Production Pro, automating the bindery by creating and delivering JDF instructions to enabled finishing devices. This allows faster turnarounds, reduces labor costs and prevents costly errors in the finishing department.

Unlimited automation with an open architecture

Seamlessly integrated with the industry's leading partners, driving a wealth of JDF-based data and offering a public SDK (Software Development Kit) at no charge, Production Pro generates automation and transparency into the end-to-end workflow processes.

Simple to get things done

Access and control your production from any web-enabled device in your site. Production Pro also offers an on-screen guide for step-by-step easy learning.

Seamless integration with HP PrintOS

Integration with PrintOS apps opens a new world of opportunities. PrintOS Box and PrintOS Site Flow enable automation of both job submission and preflight. PrintOS Resource Manager backs up Production Pro resources (including ticket templates and ICC profiles) for peace of mind, and shares them between devices to reach production consistency.

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