

HP Indigo Production Manager

Flexible, scalable DFE power for high volume, complex jobs



Flexible, high performance RIP

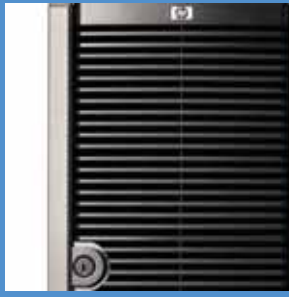
If your business involves printing high volume, variable data, photo specialty or complex jobs, you can easily appreciate the need for a robust and powerful workflow solution.

The HP Indigo Production Manager off-press digital front end (DFE) provides high performance job processing for handling automated workflows, high volume variable data and complex static jobs. It's the ideal solution for printing environments with multiple HP Indigo presses, as well as hybrid shops with conventional and digital printing.

The HP Indigo Production Manager supports multiple HP Indigo presses and processes jobs efficiently. Its high performance scalable RIP technology enables up to 16 parallel RIPs, accommodating the most demanding production environments.

For complex "every page is different" image-rich applications such as photo calendars and photo books, HP Indigo Production Manager can efficiently manage a workflow of high volume photo specialty content to two presses concurrently. Printers can scale performance by adding additional RIPs, and can also assign RIP resources across multiple jobs or to single large jobs.

The HP Indigo Production Manager is also available in an entry level configuration. The tower DFE is a single RIP solution that extends the capability of the HP Indigo digital press 3050 by delivering additional color management, JDF connectivity, web-to-print connectivity and PPML job processing.



Convenient, central management of multiple presses

Supporting the HP Indigo press 5000, HP Indigo press 3050 and HP Indigo press w3250, HP Indigo Production Manager enhances workflow efficiencies through centralized press control. It lets you route and view jobs on up to six separate HP Indigo presses. The solution also supports the use of automated workflows from third party software applications. As a result, customers can submit jobs that flow automatically to the RIP and then to the specified press. You can also define automated workflows for specified file types and in a multi-press environment you can assign workflows for specific press configurations.

Process variable data more efficiently

To assure reliable and efficient processing of high volumes of variable data, HP Indigo Production Manager supports the JLYT/SNAP, PPML and PPML-T variable data formats.

The solution helps you streamline workflows by supporting JDF open standard job ticket and bi-directional workflow communications—reporting job and press status and supporting open standard variable data output.

Accommodating the rapid growth of digital and conventional processes combined into single, unified production environments, the HP Indigo Production Manager effectively streamlines hybrid production workflows. It connects to Agfa :ApogeeX via the :ApogeeX Integration Pack for HP Indigo presses and to Heidelberg Prinect via the Prinect Digital Print Manager to HP Indigo presses.

Automate color management using a rich color gamut

The HP Indigo Production Manager lets you take full advantage of the expanded color gamut capabilities of your HP Indigo presses, including:

PANTONE® support

- HP Professional PANTONE emulation (provides PANTONE emulation of coated, matte and uncoated PANTONE formula guides for any HP Indigo substrate using CMYK inks)
- PANTONE-licensed CMYK lookup table
- PANTONE-licensed HP IndiChrome lookup table

HP Professional Color technologies and color management features

- Intelligent, automatic and customisable RGB color conversions
- CMYK color management for emulation of standards and other devices
- ICC v.4 profile support

With tools such as HP Professional Color technologies, HP IndiChrome and support for up to seven colors, HP Indigo Production Manager significantly automates color management. For true offset quality and photo quality printing, printers can also use the 5th, 6th, and 7th color ink stations for spot and specialty colors.

HP Indigo Production Manager

Network support

2- and 8-RIP units:

Internal multi-Gbit network:

- 2-RIP unit has 4 Gbit connection to RIPs; 2 Gbit connection to HP digital press(es)
- 8-RIP unit has 4 Gbit connection to RIPs; 4 Gbit connection to HP digital press(es)
- 2-RIP unit has a managed ProCurve 24 port Gbit switch
- 8-RIP unit has a managed ProCurve 48 port Gbit switch

Tower unit:

- NIC 10/100/1000 LAN

Internet & network connectivity requirements

Internet: Broadband connectivity required; minimum 256 kbps, recommended 512 kbps or better
Network type: 100Base-T, preferably 1Gbit
Network connectivity: CAT-5e or better copper-based network cable
IP address: Static IP address for the server, or DHCP assigned IP address with permanent lease

Remote Production Manager requirements

Client software runs on Windows XP and Mac OS 10.x

Options

HP Indigo Production Manager RIP kit (for 2- and 8-RIP Units only); Each RIP kit includes:

- 1x HP BL25p Blade Server
- 1x Microsoft Windows 2003 Server Std. Edition
- 1x Symantec Antivirus
- 1x HP Production RIP software license (authenticated at installation)

The HP Indigo Production Manager currently supports the HP Indigo presses 5000, 3050 and ws3250. Future versions will support other HP Indigo presses. Specifications subject to change without notice.

North America

Hewlett-Packard Company
20 Perimeter Summit Blvd.
Mail Stop 401
Atlanta, GA 30319
USA
Tel: +1 800 289 5986
Fax: +1 404 648 2054

Europe, Middle East and Africa

Hewlett-Packard Company
Limburglaan 5
6221 SH Maastricht
The Netherlands
Tel: +31 43 356 5656
Fax: +31 43 356 5600

Asia Pacific

Hewlett-Packard Company
138 Depot Road
Singapore 109683
Tel: +65 6727 0777
Fax: +65 6276 3160

Latin America

Hewlett-Packard Company
5200 Blue Lagoon Drive
Suite 950
Miami, FL 33126
USA
Tel: +305 267 4220
Fax: +305 265 5550
informahpindigo@hp.com

Israel

Hewlett-Packard Company
Kiryat Weizmann
P.O. Box 150
Rehovot 76101
Israel
Tel: +972 8 938 1818
Fax: +972 8 938 1338

PANTONE® and other PANTONE, Inc. trademarks are the property of PANTONE, Inc.

© 2007 Hewlett-Packard Development Company, L.P. The information contained herein is subject to change without notice. The only warranties for HP products and services are set forth in the express warranty statements accompanying such products and services. Nothing herein should be construed as constituting an additional warranty. HP shall not be liable for technical or editorial errors or omissions contained herein.

www.hp.com/go/graphic-arts

4AA1-0616ENUS, February 2007

