



HP Indigo Photo Enhancement Server (HPIPES)

Overview

Designed specifically for the photo merchandise market, the HP Indigo Photo Enhancement Server (HPIPES) is an automated tool that enhances digital photographs by performing a series of key optimization procedures prior to printing. With the photo server solution, photofinishers and print service providers can virtually eliminate the manual image proofing process from their digital press photo merchandise workflows. The HPIPES is designed to automatically detect and correct images in need of sharpening and smoothing, as well as improve contrast and shadow detail, enabling the high level of quality needed to ensure appeal to a broad-based photo consumer audience.

Sold as both a stand-alone tool or as part of the HP Indigo press photo package, the HPIPES supports multi-press photo merchandise environments for the HP Indigo presses 5000 and 5500⁽¹⁾. Along with the HP Indigo Production Manager, the HP Indigo Scalable RIP Solution and the HP Indigo UV Coater, the HPIPES is part of a suite of products designed to enable automated high-volume production of photo books, calendars and greeting cards on HP Indigo presses.

Editorial contacts:

Kristine Snyder, HP
+1 949 548 4995
kristine.snyder@hp.com

David Lindsay
Porter Novelli for HP
+1 404 995 4577
david.lindsay@
porternovelli.com

Hewlett-Packard Company
3000 Hanover Street
Palo Alto, CA 94304
www.hp.com

Key Features and Benefits

- Scalable and integrated operation for multiple-press, multiple-RIP environments
- Reliable algorithmic computation to automatically detect faults and improve image quality factors through processes such as:
 - Image sharpening
 - Image smoothing
 - Global/local contrast and brightness
 - JPEG artifact reduction
 - Shadow detail enhancement
- Support for JPEG, PDF and TIFF image files

Availability

- HP Indigo Photo Enhancement Server – dual hardware bundle, May 31, 2007
- HP Indigo Photo Enhancement Server – hardware upgrade kit, May 31, 2007
- HP Indigo Photo Enhancement Server – software license, May 31, 2007

¹ In addition to photo-merchandise specific HP Indigo press 5000 and 5500 operations, HPIPES compatibility extends to the HP Indigo presses 1050, 3050, 3500, and w3250.

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