Grow your photo specialty or book publishing business

The worldwide demand for photo specialty printing and short-run custom book publishing is continuing to grow. Self book publishing and consumer photo books/calendars demand are driving this trend. Satisfying these demands requires extreme production capabilities, in terms of scalability, performance, automation and reliability. HP is providing the right solution to help you grow your business.

HP SmartStream Ultra Print Server

High-performance print server for 24/7, high-volume multi-press environments

HP SmartStream Ultra Print Server provides the right solution for photo specialty and publishing

Photo specialty printing and book publishing typically involve extra large file sizes requiring RIP-intensive job processing and very reliable operations. The Ultra Print Server provides all the needed capabilities to ensure smooth operation of these applications.
Workflow efficiency and scalability for a multi-press environment
With centralized workflow control, the Ultra Print Server routes jobs to multiple remote HP Indigo presses within the print shop. It enables customers to submit a job that flows automatically to the RIP and then to the specified remote press. The Ultra Print Server can scale up to 24 presses per configuration and up to 96 rips. It has the flexibility to manage hot folder-based independent software vendor applications, such as imposition and photo enhancement solutions.

Auto load balancing for more efficient use of resources
The Ultra Print Server automatically determines which RIP resources are available and then routes jobs accordingly.

Automated workflow and production tracking
The Ultra Print Server increases production flexibility by separating the RIP and print functions. It can RIP jobs directly to the press, or RIP ahead of production and export them to a virtual press or external repository for future printing. Through job statistics and system reports, it lets you maintain efficient workflows and keep production on schedule.

24/7 reliable operation
The Ultra Print Server provides reliable, consistent, high quality processing of photo images through color management settings that are defined in hot folders and controlled through the RIP.

Integration with HP SmartStream Photo Enhancement Server
The Ultra Print Server is tightly integrated with the Photo Enhancement Server solution that brings a complete solution for high-volume photo specialty printers. The photo enhancement physical servers can be inserted into the Ultra rack and thus provide an integrated high-speed solution.
HP SmartStream Ultra Print Server—
a powerful workflow component in
the HP SmartStream family

HP SmartStream is a Graphic Arts portfolio of
components which help customers create production
workflow solutions to meet a broad range of market
segments and application needs. The HP SmartStream
portfolio provides end-to-end workflow management,
from job creation to fulfillment. When combining best-
in-class HP SmartStream and partner components,
the result is greater flexibility, with specific solutions
to address key market segments that are customizable
and scalable to your unique business needs.

Technical Specification

**Hardware**
- HP 10000 G2 Series 42U Rack
- 1x HP ProLiant DL380 G5 Core Server
  - 2x Quad-Core Intel® Xeon® Processors (3.00 GHz, 1333 MHz FSB)
  - 4GB RAM
  - 8x 146GB SAS HDD
- Rack-mounted keyboard and 17” monitor
- HP ProCurve Switch 2810 Series
- HP BladeSystem c7000 Enclosure
  - Insight Control Environment for BladeSystem
  - CISCO Catalyst Blade Switch 3020 Interconnects
  - Redundant single-phase power
- HP Proliant BL460c server RIP Server
  - 2x Quad-Core Intel® Xeon® Processors (3.00 GHz, 1333 MHz FSB)
  - 4GB RAM
- 1x HP ProLiant DL380 G5 Storage Server
  - 2x Quad-Core Intel® Xeon® Processors (3.00 GHz, 1333 MHz FSB)
  - 4GB RAM
  - 8x 146GB SAS HDD
- HP StorageWorks 50 Modular Smart Array Enclosure
  - 10x 146GB SAS HDD
  - Up to 1.4TB of storage

**Software**
- Microsoft Windows 2003 Server R2 Std. Edition
- Symantec Antivirus
- HP SmartStream Ultra Print Server software
- HP Rapid Deployment Pack (RDP)
- RIP software

**Press support**
7000, 5500, 5000, W3250/3200, 3050/3000, Ultrastream, W7200