



white paper

HP Print Server  
Appliance 4250

July 2003

## An Overview of Features for the HP Print Server Appliance

(Firmware version 2.4.x and above)

The HP Print Server Appliance 4250 (PSA) is a state-of-the-art device for managing and monitoring printing over a network. It is a network device that has been designed to provide a quick and easy way to add print capacity without affecting the general purpose server. It has several distinct advantages over conventional network printing configurations which can result in improved performance in both printing and file access.



Figure 1 – HP Print Server Appliance 4250

### Product Description

#### PSA Main Features:

- Off-loads spooling from a UNIX or Windows NT server
- Easy installation and management (locally or remotely)
- Centralized and remote management using Web Jetadmin version 7.2 and above
- Can be managed from any supported web browser on the network
- Virtually no management required once installed
- Supports APC uninterruptible power supplies (UPSs) (simple or basic signaling protocol)
- Increases performance of general purpose servers
- Supports SNMP v1, v2c, and v3
- Provides data privacy, data integrity, and server authentication using Secure Sockets Layer (SSL v2/v3) and Transport Layer Security (TLS v1)
- Easy replication of configuration and printer drivers across PSAs
- Reduces network traffic
- Seamless integration into Microsoft networking environment (security, authentication, authorization, and active directory)
- Transparent to client users
- Easy to pre-configure before shipping to a remote office
- Web configuration interface
- Password security on the front panel and for the web interface
- Upgradable
- Front panel LCD display and keypad
- 10/100Base-TX Ethernet network interface

- Microsoft networking (SMB over IP)
- Support for native Microsoft client printing tools
- Compatible with Microsoft's Point and Print technology (automatic driver download from the PSA to clients)
- Windows NT Domain integration
- Line Printer Daemon (LPD) support for UNIX clients

### **Web Jetadmin Plug-ins:**

The Web Jetadmin (version 7.2 and above) plug-ins are tools that help LAN administrators and IT managers manage their printing environment:

- Management Plug-in: provides the ability to manage a fleet of PSAs, including:
  - remotely scheduling back-ups, upgrades, and restores for multiple PSAs
  - remote management of printer drivers
  - automatic driver distribution,
  - batch configuration of most settings
- Migration Plug-in: provides automated migration of print shares. The Server Migration Tool migrates print shares from a Windows-server to the PSA while the Client Migration Tool migrates PC clients to the print shares on the PSA.

For more information, see the following white papers ([http://hp.com/go/psa\\_whitepapers](http://hp.com/go/psa_whitepapers)):

- Using Web Jetadmin to Manager Printer Drivers on the HP Print Server Appliance
- Understanding Authentication and Authorization with the HP Print Server Appliance
- Using Web Jetadmin to Backup, Upgrade, and Restore PSAs
- Migration Strategies and Tools for the HP Print Server Appliance

### **Compatibility with Print Servers:**

- HP Print Servers: The PSA will work with any HP print server with firmware version x.03 and above.
- Other Print Servers: Any print server that supports LPD should work with the PSA.

### **PSA Supported Clients:**

- Microsoft Windows 95
- Microsoft Windows 98
- Microsoft Windows 2000
- Microsoft Windows NT
- Microsoft Windows ME
- Microsoft Windows XP
- UNIX