



White Paper

**Castelle Network Fax Servers and
Hewlett-Packard LaserJet, Digital Sender and Multi-function Printers**

Scan-to-Fax Integration with FaxPress™ and FaxPress Premier™

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TABLE OF CONTENTS

Executive Summary	3
About Castle's FaxPress and FaxPress Premier Fax Servers	3
Compatible HP LaserJet, Multifunction Printer and Digital Sender Devices	4
About HP Digital Sending Solutions v.3.0 (DSS)	4
Scan-to-Fax Integration Options	4
Integration Using Drop Directory	4
Integration Using JetCAPS AutoStore	5
Integration Using the Email Gateway	5
Scan-to-Fax Sending Options	5
Additional Information and Pre-Sales Support	6

Executive Summary

Castelle network fax server and HP device scan-to-fax integration offers an ideal scan in, fax out solution. Once integrated with the FaxPress or FaxPress Premier, HP's High-End Mono LaserJet, LaserJet Multifunction Printer (MFP) or Digital Sender devices allow users to send paper documents to fax recipients right from the HP scan bed. With scan-to-fax integration, paper documents are converted immediately to electronic files and forwarded to the FaxPress or FaxPress Premier for fax transmission.

With no login required, the Castelle fax server is transparent to the user, and the HP LaserJet, MFP or Digital Sender can function as a virtual fax machine. One of the most outstanding advantages of scan-to-fax integration is that, after a document is scanned, the scanner is immediately free for further use, since all fax retries occur at the FaxPress or FaxPress Premier fax server rather than the scanner.

About Castelle's FaxPress and FaxPress Premier Fax Servers

Castelle's two fax server product lines, the FaxPress and the FaxPress Premier, offer every possible computer-based, network fax option: desktop PC faxing, production faxing, fax and email integration, workflow application integration, as well as tools for developing custom fax applications.

The FaxPress product line provides analog fax servers for small and mid-size organizations. The five FaxPress servers range from an entry-level, single-line unit to a higher-end, eight-line server. FaxPress servers can be added as needed, since automatic load sharing enables multiple units to work together on the same network.

The FaxPress Premier product line, designed for mid-size to enterprise-level organizations, provides unmatched scalability for the growing enterprise. The FaxPress Premier Analog fax servers, for use with analog phone lines, support 8 fax channels across 8 lines. Upgrade packages enable scalable support for up to 16 fax channels. The FaxPress Premier Digital fax servers support fractional T1, T1, E1 and ISDN carrier formats. The FaxPress Premier Digital Fractional T1 and FaxPress Premier Digital T1 support high-speed digital transmission in the North American market, while the FaxPress Premier Digital E1 and FaxPress Premier Digital ISDN support high-speed digital transmission in the European market.

Castelle's FaxPress and FaxPress Premier fax servers are currently used in government, manufacturing, financial, automotive, hospitality, construction and health care organizations. Companies of all sizes find the FaxPress and FaxPress Premier fax servers are an ideal way to integrate computer-based, network faxing into office, workflow and messaging applications. Castelle's wide range of APIs means companies can develop and deploy custom fax applications using their choice of operating systems and programming languages. Castelle's server-based rather than per-user based licensing means an unlimited number of users can send and receive faxes at no additional expense.

FaxPress and FaxPress Premier features include:

- Inbound and outbound faxing from within most email applications.
- Document delivery to both fax and email recipients simultaneously
- Faxing straight from desktop applications
- Fax Reporting
- Fax management, transmission tracking, and notification features (i.e. fax history, sender, time sent, destination address, bill-back codes, document delivery status, etc)
- Inbound routing to groups' or individuals' fax or email boxes, shared network folders, or printers
- Scheduled broadcast/batch faxing for reduced document delivery costs
- Fax archiving, eliminating the need to keep faxed copies of documents
- Least-cost fax routing, to minimize telephone charges

Additionally, FaxPress Premier fax servers offer:

- A secure web interface, allowing remote access to end-user and administrative fax functions

For more information on FaxPress and FaxPress Premier fax server features and specifications, see [Additional Information and Pre-Sales Support](#).

Compatible HP LaserJet, Multifunction Printer and Digital Sender Devices

The FaxPress and FaxPress Premier network fax servers support scan-to-fax integration for all of HP's High-End Mono LaserJet, LaserJet Multifunction Printer (MFP) and Digital Sender devices. Models that include the HP Digital Sending Solutions v.3.0 (DSS) Workflow package allow the option of using Castelle's Drop Directory for scan-to-fax integration.

FaxPress and FaxPress Premier support the scan-to-fax features of these HP devices:

- HP High-End Mono LaserJet 8150 *
- HP High-End Mono LaserJet 9000 *
- HP LaserJet 4100/4200, 4345, 4350x/xs/xm MFP **
- HP LaserJet 9000/9000L MFP **
- HP LaserJet 9040/9055/9065 MFP **
- HP Color LaserJet 9500 MFP **
- HP 9100C/9200C Digital Sender ***

* HP Digital Sending Solutions v.3.0 (DSS) Workflow package not included.

** HP Digital Sending Solutions v.3.0 (DSS) Workflow package offered as an optional accessory.

*** HP Digital Sending Solutions v.3.0 (DSS) Workflow package included as a standard feature.

About HP Digital Sending Solutions v.3.0 (DSS)

DSS (Digital Sender Service) 3.0 Workflow/Secure Workflow is a server-based application that enables send-to-folder capabilities for the HP multifunction devices, creating new, custom keys directly on the MFP. For faxing, end users are provided with a LANfax button.

The HP Digital Sending Solutions (DSS) 3.0 Workflow package allows the option of using Castelle's Drop Directory in addition to Castelle's Email Gateway for scan-to-fax integration. HP devices without the DSS Workflow package must use Castelle's Email Gateway for scan-to-fax integration; Castelle's Drop Directory is not supported.

Scan-to-Fax Integration Options

There are three ways to configure FaxPress and FaxPress Premier network fax servers for scan-in, fax-out integration with the HP LaserJet, MFP and Digital Sender devices. The three scan-to-fax integration options include:

- Castelle's Drop Directory (requires the HP Digital Sending Solutions v.3.0 (DSS) Workflow package.)
- JetCAPS AutoStore (a third-party application that does not require the HP Digital Sending Solutions v.3.0 (DSS) Workflow package.)
- Castelle's Email Gateway (does not require the HP Digital Sending Solutions v.3.0 (DSS) Workflow package.)

Integration Using Drop Directory

The Castelle Drop Directory, included with both the FaxPress and FaxPress Premier products, supports easy deployment of automated, production faxing in almost any environment. Castelle's Drop Directory feature allows special directories to be created for automated outbound faxing without user intervention.

Note: Using the Drop Directory requires the HP Digital Sending Solutions v.3.0 (DSS) Workflow package.

Scan-to-fax integration using the Castelle Drop Directory is simple: HP Scanner Support is enabled on the Castelle FaxPress and the HP device is configured to submit fax jobs to the FaxPress or FaxPress Premier. For the LaserJet MFPs, the HP MFP Digital Sending Software Configuration Wizard is used to specify LANfax as the Faxing Method, with Castelle FaxPress selected from the list of fax vendors. For the HP Digital Sender 9100C, configuration of the Digital Sending Service is done through HP JetAdmin. Firmware 3.0 is required.

With scan-to-fax integration using Drop Directory, users may send documents from the HP LaserJet MFP or Digital Sender through the FaxPress simply by selecting Fax and entering the fax recipient number. The Castelle fax server

is transparent to users, and all standard fax sending features—the use of the Public Address book, for example—remain fully functional and may be used in sending faxes through the FaxPress or FaxPress Premier.

Integration Using JetCAPS AutoStore

Both the FaxPress and FaxPress Premier network fax servers support scan-to-fax integration using NSI's JetCAPS (Corporate Account Printing Solutions) AutoStore. Providing automated, comprehensive content capture and routing, JetCAPS AutoStore acts as the 'middleware bridge' between HP's scanning and existing databases, content management applications or sharing devices.

Note: Using the JetCAPS AutoStore for scan-to-fax integration does not require the HP Digital Sending Solutions v.3.0 (DSS) Workflow package. AutoStore is used in place of DSS.

A server-based software solution that acts as a document portal for HP digital senders and HP multifunction products, AutoStore allows documents to be placed on the scanner bed of the HP appliance and forwarded to the Castelle FaxPress or FaxPress Premier. Setting up AutoStore as your scan-to-fax solution involves using HP Web JetAdmin, and configuring the SMTP Store destination in AutoStore for use with Castelle's Email Gateway for SMTP.

Integration Using the Email Gateway

The Email Gateway for SMTP, an NT service that appears as an SMTP email server on the network, provides a destination for the HP MFP or Digital Sender fax jobs. The Castelle Email Gateway for SMTP is one of the standard email integration features included for both the FaxPress and FaxPress Premier network fax servers, with the exception of the FaxPress SBE.

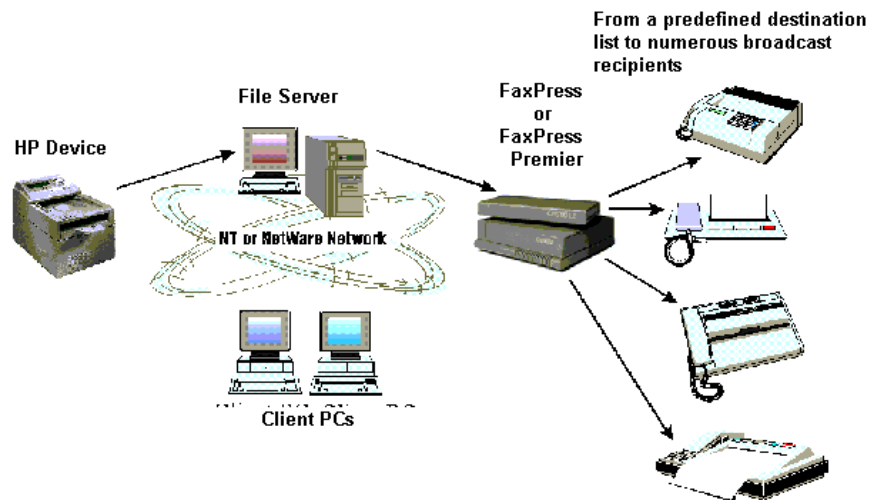
Note: Using the Castelle Email Gateway for SMTP does not require the HP Digital Sending Solutions v.3.0 (DSS) Workflow package.

The Email Gateway for SMTP enables the email option of the HP High-End Mono LaserJets, HP LaserJet MFPs and the I-Fax option of the 9100C Digital Sender to be used to send faxes via the FaxPress or FaxPress Premier. Configuring the HP LaserJet MFPs for use with the FaxPress simply requires you to specify the SMTP Gateway's IP address in configuring the LaserJet's email settings. That's it. The purchase of the optional HP Digital Sending Software v.3.0 for your HP LaserJet MFP is not required.

Using the Email Gateway to integrate the FaxPress or FaxPress Premier with the HP Digital Sender 9100C requires you to configure the Digital Sender 9100C's I-Fax option with the Email Gateway's IP address and the Email address of the postmaster or administrator. That's it. Activating the HP 9100C's digital sending service is not required.

Scan-to-Fax Sending Options

The HP/Castelle scan-to-fax integration provides both single fax recipient and broadcast fax sending options. For broadcast faxing, users can select a fax number from a predefined fax destination list, and the HP device becomes a virtual broadcast fax machine.



Additional Information and Pre-Sales Support

Additional technical details on specific integration tips and configuration can be found on the Castelle Support site at [http: www.castelle.com/support](http://www.castelle.com/support). If you need additional, more detailed information, feel free to contact the Castelle sales staff. The Castelle sales staff is available to answer technical questions you may have regarding the Castelle fax server products, or for questions regarding trade-in options. For an in-depth comparison of the FaxPress Premier and FaxPress product lines, refer to Castelle's network faxing white paper, **Network Faxing with FaxPress™ and FaxPress Premier™: Which Castelle Fax Server Is Right For You?**

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