

The Right Prescription for Protecting Confidential Patient Information



Problem:

Shared access to medical information reduces costs and improves patient care. However, new federal regulations mandate healthcare organizations to take extraordinary measures to protect confidential patient information.

Solution:

Printer-based security solutions that protect confidential patient records and office documents while enhancing the value of an organization's technology investment.

Patient and business-process information is usually circulated as hardcopy documents. Printers are used to produce most hardcopy documents. Despite the sensitive nature of some of the information contained in these documents, few healthcare organizations take steps to protect printer output.

Capella Technologies specializes in solutions that enhance, track, and secure printed documents. Through an exclusive working relationship with HP, Capella is able to provide a wide variety of security solutions that easily integrate with HP LaserJet printers and multifunction printers. The Capella secure printing portfolio includes SecureDIMM, SD Express Printing, FollowMe Printing, and SecureJet 4.0.

Capella Technologies' SecureDIMM

SecureDIMM protects confidential information from the host to the printer through the use of both encryption and decryption technologies. SecureDIMM is designed to fit

into one of the open memory-expansion sockets available on HP LaserJet printers and multifunction printers. An industry-standard algorithm is used to encrypt user-selected data, while firmware incorporated in the DIMM decrypts information at the printer.

The SecureDIMM solution works in both Microsoft® Windows® and non-Windows environments.

Capella Technologies' SD Express Printing

SD Express Printing enables healthcare organizations to safely and securely transmit confidential patient information to healthcare partners over the Internet or an intranet and print them on a remote printer. The SD Express logic module fits into a free memory-expansion slot in any late-model HP LaserJet printer that supports Chai server technology. To ensure document integrity from the host to the designated printer, the solution includes encryption software that must

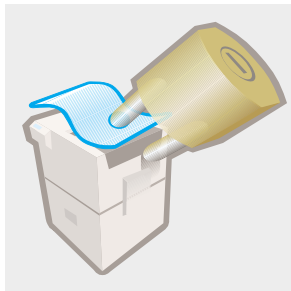


be loaded on the PCs of all authorized users. To print a secure document remotely, the authorized user simply selects the remote printer from the printer pull-down menu under "File/Print." Once the file is received, the remote printer e-mails an acknowledgement of the receipt to the sender and then decrypts the information just prior to printing the document.

Capella Technologies' FollowMe Printing

FollowMe Printing is an access-control solution for users who must share printing resources but need to maintain control over the documents they print.

Once a print job is sent to the server, it can be directed to any FollowMe-enabled printer. This is done through the use of a numeric passcode, proximity card, swipe card, or biometrics. Access rights identify the user and authorize and track the printer activity. To ensure adequate protection, print jobs are only printed when the authorized user is present.



Partnering with the Best to Provide the Best.

HP is the recognized global leader in imaging and printing solutions for business. Through partnerships with selected third-party providers, HP is able to offer healthcare organizations a wide range of innovative solutions designed around creating, sharing, tracking, and printing information that support both business and IT objectives.

Capella Technologies' SecureJet 4.0

SecureJet 4.0 is a DIMM-based solution designed to secure and track the printing and multifunction feature usage of HP LaserJet MFPs.

For secure printing, the solution encrypts the print job before sending it to the designated HP multifunction printer where it is held on the printer's hard disk. To release the print job, the recipient enters a PIN code using the printer's front-panel keypad and display. Once the PIN is validated, the print job is decrypted and printed. In addition to printing, SecureJet tracks copying and digital-sending activity using the same PIN-code log-in function.

Advantages of SecureDIMM:

- Protects confidential patient information from the PC to the printer
- Integrates with most HP LaserJet printers and multifunction printers
- Extends the value of your existing technology investment

Advantages of SD Express Printing:

- Protects confidential patient information shared with healthcare partners via an intranet or the Internet
- Eliminates document delivery costs associated with faxing and courier services
- Works with any HP LaserJet printer or multifunction printer that supports Chai server technology

Advantages of FollowMe Printing:

- Protects confidential documents from unauthorized access
- Turns a workgroup printer into a personal printer
- Works with any HP LaserJet network printer or multifunction printer
- Allows users to avoid printers that are busy or require attention

Advantages of SecureJet 4.0:

- Protects confidential patient information from the PC to the printer
- Works with HP LaserJet 4100 and hp LaserJet 9000 multifunction printers
- Tracks all printing, copying, and digital-sending activity

For additional information on HP imaging and printing solutions for healthcare, visit: www.hp.com/go/printingandhealthcare

To review HP's complete portfolio of solutions for healthcare, visit: www.hp.com/go/healthcare

For additional information on Capella Technologies, visit: www.capellatech.com/products/print_security/

To contact Capella Technologies Sales, call: 1-888-232-4200

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