SafeCom™ Output Management System

Pull printing gives the user full control of all aspects of the printing process

SafeCom™ - A Unique Output Management System

As intra organizational networks become more extensive with more users and a more complex structure and application range, many organizations experience new problems: increasing print related costs and insufficient control of the printed documents.

The innovative SafeCom™ Output Management System adds revolutionary dimensions to network printing by redefining printing as a pull rather than a push process. In contrast to push printing, pull printing gives the user full control of all aspects of the printing process.

How does SafeCom™ work?

From the first moment the user is introduced to the SafeCom™ concept, it becomes clear how the product can become an invaluable asset to the entire organization.

The document is encrypted and sent for printing
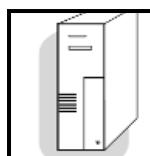
The document is stored on the server until it is released by the user at any SafeCom™ equipped printer
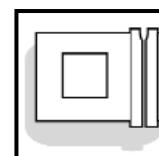
The user is identified at any SafeCom™ equipped printer by using a personal card and PIN code
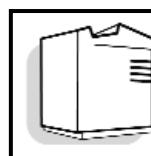
The document is released from the server, decrypted and printed

Pull Printing

Redefining the printing process means that print jobs are not sent directly to the output tray of the printer, but are "pulled" by the user while standing at a SafeCom™ equipped printer, giving the user full control of the output. Pulling documents from any SafeCom™ equipped printer is comparable to withdrawing money on a cash card. Just as a customer can retrieve money from any cash dispenser, a SafeCom™ user has the option of printing from any SafeCom™ equipped printer by pulling the document from the printer after using a personal identity card and entering a PIN code. With the unique pull printing system and personalized identity cards, SafeCom™ allows any private or public organization to use cost-effective network printers as personal printers - without putting document security at risk.

SafeCom™

SafeCom™ System

Printer

SafeCom™

Office LAN Subsidiary

Windows NT Server SafeCom software

i-data EasyCom Xpress

Internet

Remote Worker

SafeCom™

Printer

Office LAN Headquarters
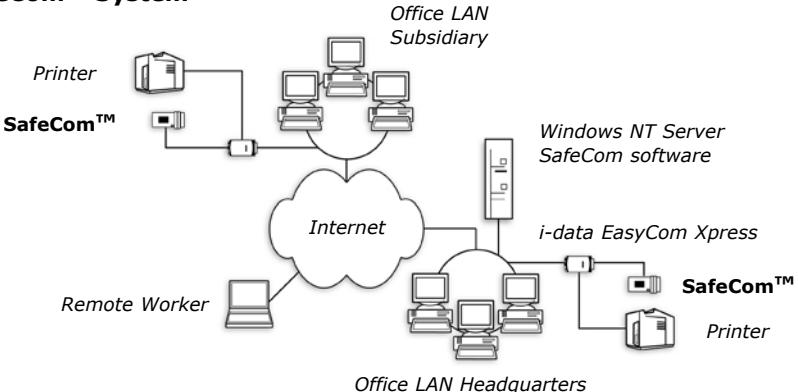
SafeCom™ Features

Several features are available when SafeCom™ controls the printing process:

Security/Print-on-Release
With SafeCom™, users are ensured print security at more than one level. All print jobs are encrypted (128 bits) from the moment the print button is pressed. No internal or external hacking is possible. A personal card and a PIN code enable print jobs to be stored until the user personally releases them from any SafeCom™ equipped network printer.

Tracking/Accounting
The pull printing concept and user identification leave multi informational track records of all printer usage. The time, amount and location of printing jobs are monitored, as well as the identification of the user. SafeCom™ also makes it possible to invoice customers directly based on the tracking and accounting records.

P-mail
The SafeCom™ P-Mail (Print Mail) function enables large private and public organizations to distribute confidential documents to recipients locally or overseas, and to receive immediate feedback on who has actually collected them. This is done efficiently without compromising document security or adding to distribution costs. The recipients simply check if they have any P-mail by swiping their cards through a SafeCom™ equipped printer that is centrally located.

Pay & Print
SafeCom™ Pay & Print allows open printing environments to recover exact printing costs from users without adding to administrative overhead. SafeCom™ deducts the appropriate amount in accordance with what has been printed. The system can be set up to account different costs on different devices, and also according to page format, media type and use of color.

SafeCom™

The benefits of SafeCom™ extends beyond the lifetime of printers. When it is time to change printers, it is not necessary to replace the SafeCom™ components, because they can interact with any model of printer. SafeCom™ offers a wide range of features and benefits that can be applied at many levels of an organization.

With SafeCom™ installed on shared network printers, local and distant users are ensured full confidentiality of printed documents. SafeCom™ provides public and private organizations with a total print cost management facility, enabling system administrators to account for all printer usage and reducing print related costs.

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SafeCom™ - The Only Way to Safe and Convenient Print