



JetCAPS® chai applications



data processing on your printer

JetCAPS Chai applications provide customized solutions to help your printer proactively manage the information in your organization.

Could you use a system that automatically prints e-mails for employees that have no access to a PC? Or that provides up-to-date information that you can 'grab-and-go; without having to find it on the Intranet? Imagine having information processing solutions built into your printer, and never having to deal with anything more complicated than a web-browser from time to time - if even that much.

A whole range of intelligent printing solutions have already been implemented by JetCAPS partners using HP Chai Virtual Machine. These applications run on the printer, to process incoming information, or even gather information across the Intranet or Internet for automatic output.

how JetCAPS chai applications work

The HP ChaiVM is an embedded virtual machine that provides a simple yet powerful operating system for running mini-applications directly on HP LaserJet printers. These mini applications, called Chailets, can process information sent to the printer in an e-mail or e-mail attachment, or actively collect information, across the network. The embedded web server on the printer means these Chailets can be configured or operated from a regular web-browser. Obviously there are few limits to the possible uses for applications where the printer automatically, or semi-automatically processes and presents information.



Printed on an HP Color LaserJet Printer

characteristics

JetCAPS Chai applications currently run on HP LaserJet series 4100 and 9000 printers and MFPs, on the HP Color LaserJet 2500, 4550, 4600 and 5500 printers, and on HP Business Inkjet 3000 printers.

sample areas of application

- **JetCAPS ADIS 100**

Triggered by an incoming e-mail, JetCAPS ADIS 100 distributes internal printer information (firmware version, pages printed, ...) by e-mail, to help the management of the printer pool.

- **JetCAPS AutoPrint**

Improves information flow by automatically making selected documents on the Intranet available as hardcopy. See the *Thyssen Krupp* success story for more details.

- **JetCAPS AutoPrint Kiosk mode**

Transforms HP LaserJet printers into walk-up info points. The documents available are displayed for selection in a web browser (using a touch screen or a PDA). The printer downloads the newest versions at scheduled times from the Internet.



- **JetCAPS BusinessCard Service**

Web browser lets employees enter their details, to print consistent, professional looking business cards, just-in-time, as either an in-house and outsourced solution. See the *JetCAPS BusinessCard Service* datasheet for more details.

- **JetCAPS ChaiParser and ChaiFlash**

JetCAPS ChaiParser parses continuous data streams, from a host for example, to sort different types of printer emulations (such as PCL5 or JPG) and perform predefined actions. JetCAPS ChaiFlash works with JetCAPS ChaiParser to load templates for electronic forms into the printer upon request.

- **JetCAPS Chamber of Commerce solution**

Local HP LaserJet 4100 printer talks to the remote Chamber of Commerce application over the Internet, for secure, local printing of customs forms. See the *Dutch Chamber of Commerce* success story for more details.

- **JetCAPS instructions-on-video**

When users need support to handle paper-jams or change the toner cartridge, the instructions are available, via the web browser on their PC, from the printer!

- **JetCAPS IPDS 100**

Adds IPDS capability to your printer, to handle print jobs from IBM AS/400 systems, so you can consolidate your printer pool.

- **JetCAPS PDF Direct**

Apart from printing PDF, JPEG and TIFF files that are sent to the printer by more conventional means, also prints PDF, JPEG and TIFF files that arrive as e-mail attachments. See the *JetCAPS PDF Direct* datasheet and *Bipop-Carire* success-story for more details.



- **JetCAPS PrintCapture**

Turn your printer into an archiving machine with an application that captures datastreams and sends them to AutoStore 2002 (described in its own datasheet) for further processing. Without changing your applications, you can automatically store documents to Sharepoint Portal Server, Documentum or other archiving solutions.

- **JetCAPS printer name**

Shows the printer's name and IP address on the display, so users can easily identify network printers.

- **JetCAPS SD Express**

Turns your printer into a secure fax system that can be used by remote employees or selected partners, using the Internet or Intranet as the medium.

- **JetCAPS traffic news**

The printer downloads the latest traffic reports from the Internet and prints the summary.

ordering information

For further information please contact your local JetCAPS Partner at www.jetcaps.com/jetcaps/partner

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