

Enable HP LaserJet printers to receive & print e-mail with PDF, TIFF, GIF and JPG attachments

J@mail is a smart application, using HP's Embedded Virtual Machine (EVM), that turns your printer into an active part of your distribution system. Imagine extending your electronic distribution to paper, without having to rely on somebody printing it out. For example, in the sales department, to communicate effectively with staff that spend minimal time in the office, or in manufacturing, for people without easy access to the network. Or imagine changing the long and expensive fax transmission into a faster and cheaper e-mail messaging, to reach remote branches without requiring any employee to receive and open the message. J@mail turns your printer into an integral part of your e-mail system. Using your printer's e-mail address, J@mail enables the printer to automatically turn your messages into hardcopy, rather than PDF, TIFF and JPG attachments. The printer can also receive those files directly from desktop without requiring a driver, thanks to a drag-n-drop utility.

J@mail reduces internal communication costs and increases the return on printer investment. Thanks to the e-mail capabilities, J@mail helps printing remotely over the intranet, Internet or from a mobile phone.

How J@mail works

J@mail is inserted into HP LaserJet printers just like a memory expansion, on a Dimm or Memory Flash Card. The configuration is performed with a common web browser: setting the IP address, e-mail address and SMTP- and POP3-server addresses on the device configures the printer to receive e-mail. The printer's internal webserver automatically checks the mailserver for incoming messages; right after downloading them on the printer's hard disk, J@mail turns them into paper, by processing the PDF, JPG, GIF and TIFF attachments with a conversion into PostScript printable format. On new printer models having the native PDF language, J@mail PDF Direct (PDF converter) is disabled by default, while TIFF, JPG and GIF conversions are always active. If needed the user can activate the PDF Direct functionality from the printer menu.

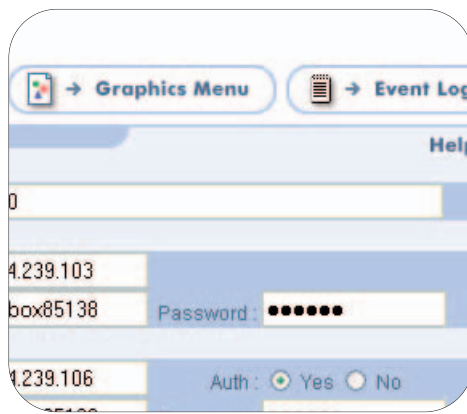
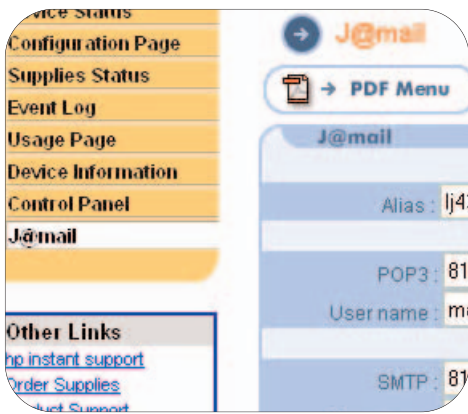
As soon as the message and attachment are correctly printed, the printer sends an automatic reply message to the sender of the e-mail; this notification service can be activated and personalized by accessing J@mail configuration page via web browser.



Business Partner



Solution Developer
Solution Integrator



Characteristics

- Prints the body text of e-mail messages
- Prints attached files (PDF, JPG, GIF, TIFF)
- Sends a reply message to confirm receipt and printing
- Prints document and images whether they come via the parallel port, LAN interface, e-mail, using copy command, LPR, FTP, using the Direct Print drag-n-drop utility

Areas of Application

- Printing remotely over the intranet, Internet or from a mobile phone, reducing transmission costs, thanks to e-mail
- Fax substitution for internal communications, E.g. from branch to branch of the same company
- Printing independently of platform by using standard format and bypassing pc's

Special Features

- Besides printing e-mail message and attachment, J@mail sends a confirmation message to the sender, to certify the correct receipt of the e-mail message
- Enables the printer to receive and print also MMS messages (text + image) directly from mobile phone to paper. If required the image can be automatically printed on photo paper
- The configuration can be performed via web browser thanks to an easy-to-use graphic interface
- Supports: postscript type 1, type 2 and type 3 fonts, and CID fonts (truetype and PostScript), double-byte fonts (such as Arabic, Hebrew and Chinese) and PDF version 1.2, 1.3, 1.4 and 1.5
- Allows to use the printer's native PDF converter, by switching off the J@mail PDF Direct functionality
- The Event Log helps monitoring the connection to the mail server

Availability

J@mail has been developed by Oberon Service Srl and it is distributed worldwide via the Solution Integrator network.

J@mail is available on DIMM for HP LJ 2300, 4100, 4100mfp, 4200, 4300, 9000, 9000mfp, Color LJ 45500, 4600, 5500; on Memory Flash Card for HP LJ 2400 series, 4250, 4350, 4345mfp, 9050, 9050mfp, Color LJ 4650, 5550, 9500



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