



Smart and standard

PDF Direct is a smart solution that allows PDF files printing directly on HP LaserJet printers, without using a Windows driver.

PDF [Portable Document Format] is the universal standard for data transmission all over the world. This file format is recognized as the best way to share a document without losing its original layout [fonts, page formatting, colors and images].

Thanks to their compactness, PDF files allow to share lots of data without overloading the network. This great feature vanishes in the printing phase, when the PDF file is transformed by the driver in big PostScript files before being sent through the network.

PDF Direct solves this problem, by enabling the printer to receive the native PDF file and to take care of translating it into a printable format.

This solution is particularly useful for large companies with remote branches, where data transfer is an important issue. It also grants huge savings of transmission costs, since it reduces the load of data on the network.

How PDF Direct works

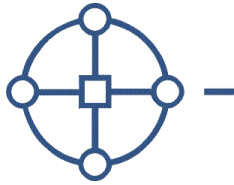
PDF Direct is delivered on a Flash Dimm. While printing a PDF file, it's recognized by the printer as PDF, temporary stored on an RAM or printer hard-disk, then converted into PostScript and sent to the engine to be printed. The user can set all the options normally managed by the printer driver, like for example paper size, number of copies or duplex. This settings can be managed by the user through the printer control panel: a dedicated item of the menu is automatically added while installing PDF Direct. This custom configuration doesn't affect the printer's settings, since it's related on PDF Direct only.

When PDF Direct is installed on an HP LaserJet, it's possible to send PDF files directly to the printer, via parallel port, LAN interface or via Chai web application, using copy command, LPR, FTP or drag-and-drop utility.



Printed on an HP Color LaserJet Printer

stethos®



Characteristics

Font encoding

PDF Direct supports PostScript Type 1 and Type 2 fonts, by rasterizing and passing them to the engine. TrueType and PostScript Type 3 fonts are not directly recalled, but if the PDF file includes them, the application is able to convert them to bitmap [like Acrobat® Reader® does].

PDF Direct also supports double-byte fonts, as Arabic, Hebrew and Chinese.

PDF Support

The application supports files of the following PDF versions:

PDF 1.3 for Acrobat® 3

PDF 1.3 for Acrobat® 4

PDF 1.4 for Acrobat® 5

The output is both mono and color, in order to print on monochrome LaserJet and also on Color LaserJet.

Benefits

- Transmission costs reduction, thanks to the compactness of PDF files
- 3Mb on the Dimm is available for resource download as fonts or PCL macro.
- Use of standard formats, as PDF grants the complete compatibility with every environment.

Supported printers

PDF Direct can be installed on the following printers:

- HP LaserJet 4100, 4100MFP, 4200 or 4300
- HP Color LaserJet 4550, 4600 5500 and Business InkJet 3000
- HP LaserJet 9000 and 9000MFP



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stethos Systemhaus GmbH - Weimarer Str. 48
D-71065 Sindelfingen - info@stethos.com
www.stethos.com -) +49-7031-860910