

#### IBM eServer iSeries



## Infoprint Server for iSeries (5722-IP1)

- Converts any standard iSeries output file to PDF
- Provides automatic e-mail of any iSeries output file using PDF
- PDF files can be routed to iSeries output queues for printing on PDF-capable printers
- PDF files can also be routed to the iSeries integrated file system for "downstream" electronic access
- Provide ability to segment an iSeries output file by logical group and create individual PDF files for each segment
- Provide a user exit to facilitate customization and ID lookup for the e-mail process
- Provide real text, high-fidelity PDF output, enabling search, navigation, and superior performance through the output

- Transform PCL print files into AFP
- Transform PostScript Level 3<sup>TM</sup> print files into AFP
- Transform PDF print files into AFP
- Convert applications formatted using iSeries page definitions to AFP (Note that Infoprint Designer for iSeries uses page definitions for page formatting)
- Convert standard AFP print files to fully encapsulated AFP files, meaning externally referenced resources such as fonts, page segments, and overlays are built in
- Index AFP print files for use with Web browsers and archival
- Convert standard Internet image file formats GIF, TIFF, and JPEG to iSeries (AFP) image format

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# **Notes: Infoprint Server for iSeries**

Infoprint Server for iSeries integrates PDF support into the OS/400® output architecture. The PDF subsystem enables the production of PDF from any standard OS/400 output format—SCS, AFP™, IPDS™, even OfficeVision/400™ format. PDF transformation creates text-based, non-image ASCII PDF. This ability to create full text PDF files delivers document fidelity while preserving the ability to navigate through the document or report. Text-based PDF is far smaller than PDF created as full-page image. This means superior network and user performance characteristics. PDF files can be written to the Integrated File System (IFS), iSeries output queues, or passed to the automatic e-mail function.

Web-ready AFP output - A key strength of the AFP architecture is the division of documents into logical components. The AFP print file may only contain application data while overlay, image, and font resources are stored externally. This works well for printing when the isseries is in control but limits the ability to distribute AFP data electronically. Inforprint Server resolves this problem by enabling the creation of portable, or Web-ready, AFP data. This is accomplished by embedding the external resources within the distribution file. Inforprint Server also adds the ability to index the AFP data enabling easy navigation through the document or report. At the receiving end, there is a downloadable AFP plug-in for Web browsers that resolves this Web-ready output file for viewing.

Networked printing - A core focus of Infoprint Server is applying the substantial print management capabilities of iSeries servers to the proliferation of output pages and printers in today's typical enterprise networks. Client, network, and even ERP applications are generating documents and reports in ASCII data streams — PostScript®, PDF, and PCL— that are designed for personal and workgroup applications. While printing personal applications on personal printers works satisfactorily, printing business applications on network-attached printers can create both financial and management problems. ASCII data streams lack the capabilities of iSeries servers to manage print jobs effectively page by page to the printer with full error recovery. Using many slow-speed network printers generally creates higher total printing costs than when the printing volume is consolidated on faster, more cost-effective printers, and provides no central point of control.

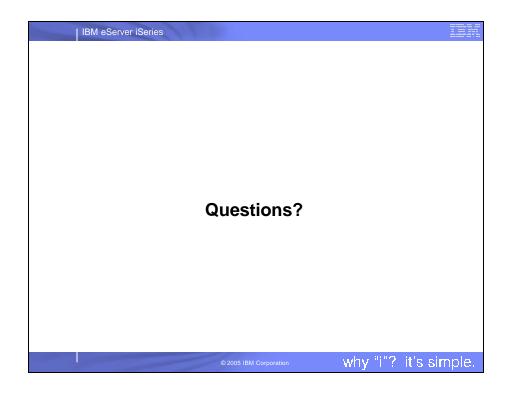
Infoprint Server provides the bridge to iSeries print management and iSeies-attached printers. Infoprint Server transforms use the integrated, iSeries transform infrastructure to convert PostScript, PDF, and PCL documents and reports to AFP. You simply route a target file to the iSeries and the print data stream will be automatically detected and the appropriate transform applied. Additionally, the PostScript and PDF to AFP transforms have been jointly developed by IBM and Adobe®, combining excellence and experience in both datastreams. The iSeries printing architecture is built around AFP, an architecture designed for high volumes and reliable delivery. The iSeries can apply its IPDS interactive dialog with the printer and superior printing management function to the task of printing the job. The control and management is assured regardless of whether printers are direct-attached or network-attached.

For more information on the Infoprint Server, visit: http://www.printers.ibm.com/R5PSC.NSF/Web/ipserv400Home

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