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XipPRINT

Printer Accelerator Application

XipPRINT

- Accelerates the printing of large and complex image and graphic files
- Speeds up the printing of TIFF image files
- Quickens the release of client PC's from the printing process
- Reduces network congestion
- Runs printers at rated speed
- Supports image page formatting

XipPRINT

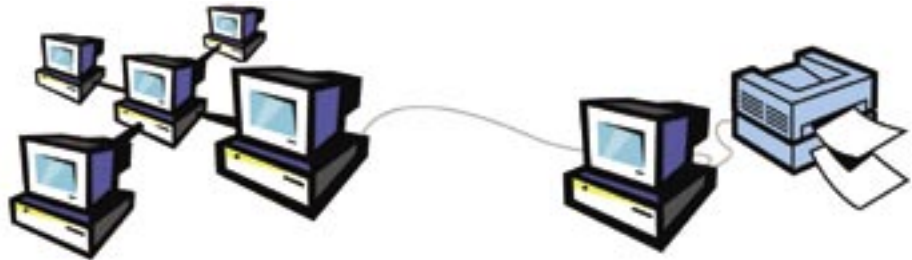
XipPRINT makes image printing of image files fast for the:

- User at the client PC
- Network
- Print system

Compatible with PCL5e Printers

- HP Laser printers
- Lexmark Laser Printers
- Ricoh/Hitachi Printers

Reduce the Time Printing TIFF, Image and Graphic Files



XipPRINT Benefits

- Provides the most efficient way to transmit, format and output digital documents over LANs or the Internet
- Eliminates image printing bottlenecks
 - Over the network, file size are reduced 90%
 - At the host workstation
- Runs printers at rated speed.
- Fast return to application at the client computer
- Enhanced page control includes scaling, image inversion and duplex printing
- Extensive image formatting control

Image File Compatibility

- TIFF
 - Uncompressed
 - LZW
 - Packbits
 - G3 Fax
 - G3-2D
 - G4
 - JPEG
 - Type 2
 - Multi-image

Image Page Formatting

- Scale
- Invert
- Control height, width, horizontal and vertical position
- Page Range
- Duplex



XipPRINT

Printer Accelerator Application

XipPRINT Advantages

- Fast return to application
- Boost user productivity by freeing client computers from complex image computation functions
- Network bandwidth and congestion savings
- Rated speed printing
- Extensive image formatting control
- Support for most laser printers

Reduce the Time Printing TIFF, Image and Graphic Files

Product Description

XipPrint is a printer utility application that enables compressed image files to be sent directly to the host printer controller PC thereby reducing network traffic and time to print. XipPRINT runs in the privileged environment of the Windows™ Print Server and this allows overlapped PCL conversion and printing. XipPRINT transforms the PC controlling the printer into a powerful page processing engine. XipPRINT monitors the files searching for compressed TIFF and IPCL formatting commands. It then quickly decompresses the image and performs the proper format manipulation such as scaling or rotation and then prints the page quickly.

Image Printing Challenges

- A fifty page document image can generate 50 million bytes of network traffic
- Compressed TIFF image files of 20KB can easily expand to 200,000 bytes

Problem Description

The advantage of increased number of stored scanned documents, digital photographs, image and web based graphic is faster communication of ideas and concepts. The disadvantage of using these files is when a user says print and the application dialog box comes back and says its

printing, usually there is no printing until the whole file is converted and decompressed at the client workstation. Most application for image printing require the images to be expanded and converted to a bitmap within the application and then to PCL in the print driver. The complete file must be converted and the image decompressed and expanded before the application can be released back to the client user's PC. XipPRINT performs these operations in the host PC that controls the printer, dramatically reducing client user wait time.

XipPRINT provides data to the printer faster than it can print (up to 500 pages per minute), thereby always providing the printer with data so it runs at its rated speed instead of waiting for data from the client pc or network.

Licensing Model

The application has a one time fee and comes with runtime licensing. There are no per click charges.

Minimum System Requirements

- Operating system: Windows XP Pro, 2000 Pro, or NT
- CPU: Pentium 4, 2 GHZ, 512MB RAM
- Printer: PCL5e compatible



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