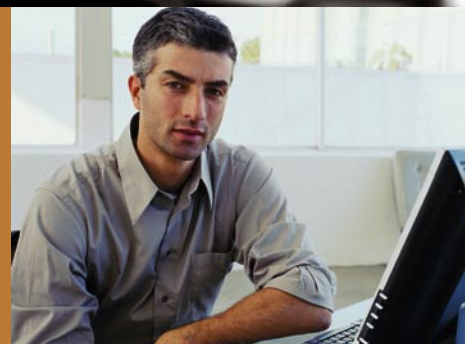




Printer Connectivity - IPDS Client

AFP/IPDS Software Print Server for Windows 95/98/ME, NT and 2000/XP



The Intermate IPDS Client is a cost-effective, software-only AFP/IPDS LAN Print Server product, which can be installed into any of the currently available Microsoft Windows operating systems in a matter of minutes. The product is able to convert information to be printed from a unique IBM format known as the Intelligent Printer Data Stream (IPDS) into a format supported by most Windows print drivers. The purpose of the product is to provide organizations, which have invested in IBM's AFP/IPDS application technology, access to a much broader group of printing choices than just the small number of printer models offering onboard IPDS emulation capabilities.

The IPDS Client runs as a background application on an ordinary Windows PC where it receives IPDS print jobs over TCP/IP from a Mainframe (zSeries) or AS/400 (iSeries). The IPDS Client uses standard Windows drivers, and exploits the Windows print-management system to redirect the output to a local or LAN-attached printer.

The IPDS Client can act as a high-speed departmental IPDS print gateway when installed on a server, but is an exceptionally good choice for PC lap-top users that need to receive IPDS print jobs from a dial-up location. For this purpose the IPDS Client also gives the possibility of spooling the print job on the hard disk for viewing before printing, thus decreasing the on-line connection time.

High-speed Throughput

The Intermate IPDS Client is a full featured APF/IPDS Print Server that runs on a Windows PC instead of on an embedded printer interface. It provides exceptional throughput due to the increasingly faster hardware technologies of modern PCs. You can configure IPDS page-count update to be reported to the PSF when pages are processed by the IPDS emulation; this enables the IPDS Client to spool pages at a speed of several hundred pages per minute.

Secure Host Communication

The Intermate IPDS Client generates IPDS real-time page counting and exception reporting based on the status from the Windows spool system. The IPDS Client connects to the host PSF via the PPD/PPR protocol, which is the IBM standard for end-to-end IPDS communication over TCP/IP. A specific port number and the IP address of the PC is used by the host to access the IPDS Client, and will not conflict with any other applications running on the PC.

IPDS Client

Unlimited Resource Memory

The Intermate IPDS Client uses the RAM memory and hard disk of the PC to provide virtually unlimited IPDS resource storage. This means less network traffic and less processing for both the host PSF and the IPDS Client.

Viewing and Reprint

The Intermate IPDS Client has been designed with the mobile office in mind. A user can dial-up to the corporate Intranet, get access to the host via TCP/IP and receive IPDS print jobs. The user can then decide if the print jobs should be printed immediately or if they should be stored for later printout. The IPDS Client will then spool the print to the hard disk where it can be retrieved and previewed in order to allow the user to print only the pages needed. This hard-disk spooling facility can also function as a safety backup in the event a printout is lost or accidentally sent to a wrong printer.

Flexible Configuration

The Intermate IPDS Client automatically detects from the printer driver the available printer options, such as the duplex unit, paper trays and paper sizes. This information is transmitted to the PSF. Individual user settings, such as country code page and IPDS emulation, are stored in configuration files. These files can be used as templates for a corporate printing standard. The IPDS Client even provides a scale-to fit option, which makes edge-to-edge IPDS print jobs fit on the reduced printable area of standard Laser and Ink jet printers.

PC Requirements

- 486 DX2/66 or higher
- 8Mb RAM
- 10Mb HDD
- Windows 95/98/ME or NT with TCP/IP loaded, Windows 2000/XP

Printing Output Emulations

- HP PCL5/5e compatible printers
- Thermal and thermal transfer compatible printers
- Inkjet PCL3 compatible printers
- PDF, BMP, TIFF, EMF drivers for other graphical output

IBM Printer Emulations

- IBM 3812/16
- IBM 4028
- IBM 3912/16
- IBM 3112/16

IPDS Features Supported

- Data Towers: Text, IM Image, IO Image, Graphics, Bar code
- Resource Towers: Page Segment, Overlay, Loaded Font, IPDS Exception Reporting
- Duplex Printing
- All resident fonts functional equivalent to IBM 3816, 4028, 3916 and 3116 standard fonts
- DIN-A3 and Ledger (11x17) support

IPDS Print Platforms

- IBM AIX V3.2.4 or later with the PSF software included with the InfoPrint Manager for AIX application (version 2.1 or later)
- Microsoft Windows NT Server, 2000 Server, 2000 Advanced Server, XP Professional, or 2003 Server with the PSF software included with the IBM InfoPrint Manager for Windows application (version 1.1 or later)
- IBM PSF for i5 OS (V1R1 or later), or PSF/400 for AS/400 (iSeries) V3R1 or later
- IBM MVS, zOS, OS/390, VM, VSE with PSF V2.2 or later (TCP/IP stack for MVS required)
- IBM MVS, zOS, OS/390 with VPS/IPDS (Levi, Ray & Shoup Software)
- IBM AIX V3.2.4 or later with PSF/6000 V1.2.0 or later
- IBM OS/2 with IBM PSF/2 and optionally CM/2

Ordering Information

Free trial download from www.intermate.com

CD-ROM with IPDS Client inc.. software key(s):

- 24849: For one PC
- 24865: For 2 - 5 PCs
- 24969: For 51 - 100 PCs

CD-ROM with IPDS Client inc. software key(s) 4 Sessions:

- 24919: For one PC
- 24920: For 2 - 5 PCs
- 24921: For 6 - 10 PCs
- 24922: For 11 - 25 PCs
- 24923: For 26 - 50 PCs
- 24924: for 51 - 100 PCs