

**High Speed IPDS Print Server for Printers and Multi Function Copiers.
Custom Drivers ensuring exact compatibility with printer brand and model.**

- IPDS capability comparable to IBM **InfoPrint** Printers
- Support for resident and downloaded scalable fonts
- Native IPDS support for advanced finishing options
- Supports any PCL5 and PostScript capable printer or MFC
- Full colour support (FS45) with choice of grey scaling on monochrome printers
- Throughput of up to 500 ppm monochrome printing
- Throughput of up to 200 ppm full colour printing
- Up to 64 simultaneous IPDS print sessions
- User customisable printer drivers
- Remote management by **GateManager**
- Print to hard disk feature (LPR-print to port 515)

Prints all kinds of incoming print jobs

The Advanced Print Server IPDS (IAPS IPDS) enables any PostScript or PCL5 compatible multi-function printing device to print AFP/IPDS from an IBM host. The IAPS receives IPDS over a TCP/IP network and routes PCL or PostScript to standard TCP/IP printer ports. While printing, the IAPS monitors printer status via SNMP. Thereby, it logically integrates into the targeted printers, retaining the high level of strict bi-directional control that characterises IPDS. The printer retains its ability to print all kinds of incoming print jobs, and the IAPS itself can be placed anywhere on the network. The IAPS series support the latest AFP FS45 full image printing features in full colour or grey scaled on monochrome printers

Services up to 64 printers

The IAPS 300 series services up to 64 printers or MFCs simultaneously with a total continuous throughput of up to 200ppm when printing in colour, and up to 500ppm on monochrome printers. The IAPS is well suited for both workgroup and high volume production printing. The IAPS 300 is a powerful Server platform delivered in 19" 1U Rack mount cabinet.



Technical information

Target Printer Requirements

- PCL5e or PostScript level 2 compliant printer
- SNMP Printer MIB capable
- TCP/IP Raw Socket (for example port 9100)
- LPR print (port 515)

Performance

- Up to 64 sessions.
- Up to 500 ppm' continuous monochrome throughput
- Up to 200 ppm' continuous full colour throughput
- PCL/PS: Exploitation of download font caching in the target printer allow printing at the printer's rated speed
- PostScript (PS) supports overlay caching

IPDS Print Platforms

- PSF V3.3 for OS/390
- PSF 3.4 for z/OS
- PSF/VM
- PSF/VSE
- PSF/400 minimum V3R1, recommended V4R5 or higher
- Infoprint Manager for AIX V4.1.0 with PTF U483536
- Infoprint Manager for Windows V2.1.0 with PTF UR54088 or higher
- LRS VPS/IPDS

Target Printer Options Supported

- Multiple input trays and envelope feeders
- All paper sizes incl. large sizes (such as ledger and A3)
- Multiple output bins
- Finishing support such as stapling, hole punch, stacking, booklet etc.
- Up to 600 dpi resolution

Configuration

- IP configuration: DHCP, Fixed, Intermate Management and Configuration Utility (IMCU), **GateManager**
- Configuration of Print Drivers: HTTP (web browser) and configuration files via FTP or **GateManager**
- Firmware upgrade: Web GUI (HTTP), FTP or **GateManager**

IPDS Capabilities

- Resident fonts and corresponding code pages: Full SAA Core Interchange resident Code Page Support (**Infoprint** compatible), Full Core interchange and Coordinated font set (**Infoprint** compatible), IBM 4028/31xx Compatibility Font Set, 4028 Compatibility Resident Code Page Set (**Infoprint** compatible)
- Bitmap and outline font download support

- Font capture support for bitmap and outline fonts
- Auto resolution scaling (240 to 300/600 dpi)
- IPDS scalable (IO) and non-scalable (IM) images, vector graphics, overlays, page segments
- One-dimensional barcodes ref. latest available IPDS specs.
- 2D barcode support (PDF417, Maxicode, DataMatrix, QR)
- OCA traditional colour support (8/16 colour values)
- Full image colour support (FS45) (greyscaled on monochrome printers)
- Support for multiple input trays and output bins; all types of IPDS finishing, for example hole punching, stapling and folding
- Advanced N-up

Target Printer Drivers

- PCL and PostScript drivers for specific brands can be customised through the web GUI, such as selection strings for paper handling options
- Model specific driver templates for a large number of printer and MFC brands and models can be downloaded from the product portal at www.intermate.com/iaps
- Customised driver available upon request

General Hardware Features

- 2.8 Ghz CPU
- 10/100 Mbit Ethernet
- 90-264VAC, 47-63Hz Auto-switching
- 1 U Rack 19"
- Dimensions unpacked: 320mm x 440mm x 45mm, 5.9 Kgs
- 2 years Warranty

Approvals

- CE EN55022 Class A
- CE EN609050
- CE EN55024
- FCC Part 15 Class A

Emulated printers

- IBM 43xx Network Printer and **InfoPrint** series
- IBM **infoprint** 1000 family
- IBM 3812/16, 4028 and later legacy printers

Notes

"More technical info can be found on www.intermate.com/iapsipds"

The IAPS 200 series supports from a single session up to 4. Please see separate product sheet.

'Exact speed varies depending on printer model, printer settings, application and system environment.

For more information visit www.intermate.com

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