

**Innovative, high-quality IPDS print servers for workgroup and high volume printers.**

**Advanced Print Server IPDS (IAPS) enables any PostScript or PCL5 compatible multi-function printing device to print AFP/IPDS from an IBM host.**

- IPDS capability comparable to **InfoPrint**
- Support for resident and downloaded scalable fonts
- Native IPDS support for advanced finishing options
- Supports any PCL5 and PostScript capable printer or Multi-Function Printer
- Full colour support (FS45) with choice of grey scaling monochrome printers
- Throughput of up to 85ppm monochrome printing
- Throughput of up to 25ppm full colour printing
- Up to 4 simultaneous IPDS printer sessions
- User customisable printer drivers
- Remote administration by **GateManager**
- Print to hard disk feature (LPR-print to port 515)

#### **Can print 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

The IAPS 200 series services from 1 to 4 printers or MFCs simultaneously with a total continuous throughput of up to 25 ppm when printing in colour, and up to 85 ppm on monochrome printers. The IAPS 200 is well suited for workgroup.



## 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 85' ppm continuous monochrome throughput
- PCL/PostScript: Exploitation of download font caching in the target printer allow printing at the printer's rated speed
- Up to 25' ppm continuous full colour throughput
- Up to 4 IPDS sessions

### 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 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 - 1D og 2D (PDF 417, DataMatrix, QR)
- OCA traditional colour support (8/16 colour values)
- Full image colour support (FS45) (greyscaled on monochrome printers)
- Support for all types of IPDS finishing, for example multiple input trays and output bins (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](http://www.intermate.com/iaps)
- Customised driver available upon request

### General Hardware Features

- 133Mhz x86 class CPU
- 10/100 Mbit Ethernet
- 7-20V DC (max 15W) via external power supply
- 5.95" x 6.2" x 1" (151mm x 158mm x 26mm)
- 2 years warranty (return to base)

### Approvals

- CE EN55022 Class A
- 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](http://www.intermate.com/iapsipds)"

Higher number of sessions is available by the IAPS 300 Series. Please see separate product sheet

<sup>1</sup>Exact speed varies depending on printer model, printer settings, application and system environment.

For more information visit [www.intermate.com](http://www.intermate.com)

#### Americas

42-06A Bell Blvd  
Box 101  
Bayside, NY 11361, USA  
T.+1.866.793.4178  
[info-us@creoservers.com](mailto:info-us@creoservers.com)

#### Israel

Ha'Tnufa 7 St.  
P.O. Box 10193  
Petach Tikva 49002, Israel  
T.+972.3.916.7222  
F.+972.3.928.6000  
[info@creoservers.com](mailto:info@creoservers.com)

#### EMEA and AP

Waterloo Office Park  
Drève Richelle 161  
B-1410 Waterloo, Belgium  
T.+32.2.352.2878  
F.+32.2.357.3111  
[info-eu@creoservers.com](mailto:info-eu@creoservers.com)

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