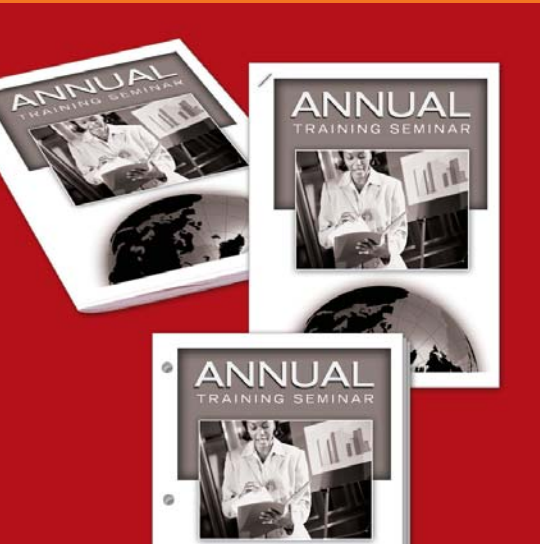**IPDS™**
Host Printing Solution
Optimize Your Output

RICOH

easy

integrated

fast

Ricoh IPDS™

Fast, Flexible Printing

Genuine RICOH® IPDS™ provides full Advanced Function Presentation/ Intelligent Printer Data Stream (AFP/IPDS) support to enable Ricoh printers and MFPs to print AFP/ IPDS formatted data. The built-in AFP original standard programming code accommodates workstation platforms, standard network print jobs and a variety of IBM mainframe computer systems. The native IPDS controller software resides on an SD card inserted into the printer or multifunction peripheral, enabling it to accept AFP/IPDS print jobs from System z® (S/390®) or System i® (AS/400®) platforms.

Take advantage of a much wider range of printing capabilities, including multiple paper sizes, exceptional image quality and professional finishing.

Fully Featured Printing

Do much more with host printing output than what current systems allow.

- Access virtually all of the capabilities of Ricoh output devices*, including multiple paper sizes and superior image quality, without any application changes.
- Take advantage of inline finishing options, such as stapling and hole punching, to create professional-grade documents.
- Handle a wide range of data types — including PCL, PostScript and IPDS — with a single, powerful Print Controller/DFE.
- Establish two-way communication with IBM host systems with support for all IPDS features, including Advanced Function Presentation (AFP) data streams for customized document formatting and variable data printing.
- Combine data from multiple applications, incorporating images, graphics, barcodes and other data objects into a single, unified print job.
- Use a single provider for the entire print environment to reduce management and maintenance expenses and help reduce total cost of ownership (TCO).
- Ensure easy, reliable printing with standard TCP/IP connectivity, which supports page-by-page control and error recovery.

Immediate Advantages

Switching to Ricoh output systems delivers important benefits for IT.

- Ensure easy device management with unique Ricoh integration technology.
- Leverage your investment in Ricoh systems by printing IPDS data normally sent to separate printers.
- Replace current single-function printers with Ricoh systems that offer significantly lower total cost of ownership and greater reliability.
- Improve security by eliminating the need for external devices typically required to print IPDS data on printers and MFPs.
- Deploy the embedded solution quickly and easily by sliding in the SD Card and configuring the settings right from the MFP's control panel and/or embedded Web browser.

* For specific model compatibility, consult your authorized Ricoh representative.

Specifications

Platform Specifications

Supported Host Environments	OS/400 Version 5.1 or higher; Graphical Data Display Manager (GDDM) Release 2.3 or higher; Print Service Facility (PSF/VM) Release 2.1.1 or higher; Print Service Facility (PSF for z/OS) Release 3.4 or higher; Print Service Facility (PSF/VSE) Release 2.2.1 or higher; Print Service Facility (PSF/400) Release 5.2 or higher; Infoprint Manager for AIX Release 4.2 or higher; Infoprint Manager for Windows Release 2.2 or higher; Infoprint Process Director for Linux Release 1.2.1 or higher
Protocol	TCP/IP
Supported AFP-PSF	InfoPrint Manager for AIX 4.2; InfoPrint Manager for Windows 2.2; PSF for z/OS 3.4 and above; PSF for AS/4000 V5R2 and above; PSF/VM 2.1.1 (no finishing support); PSF/VSE 2.1.1 (no finishing support)
Targeted IBM Emulation Models	4028, Native
Standard Fonts Included	Type 1 Scalable Fonts: 68 4028 Compatibility Fonts: 40 IBM Core Interchange; IBM Coordinated; 3820 ROM Font Compatibility
Code Pages Supported	136
MICR	Enabled models also support all MICR-related AFP functions
Bar Codes	Support for bar codes including two-dimensional (2D) symbologies such as PDF417, Data Matrix, Maxicode and QR Code

Output Specifications**

Paper Sizes	All paper sizes supported by Ricoh devices
Host Resolution (dpi)	240, 300, 600, auto
Output Trays	All standard output trays supported by Ricoh devices***
Input Trays	All input trays supported by Ricoh devices
Duplex	Host-selected
Stapling	Yes
3-Hole Punch	Yes
N-Up	Host-based
IPDS Timeout	Host-controlled or 30 seconds to 18 hours
Page Printer Support	Yes

** Options and capabilities listed only apply to properly equipped devices.

*** Does not support selected finishing capabilities, including: Ring Binder, Multi-Fold Unit, Trimmer, Perfect Binder and other specialized options for production environments.

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www.ricoh-usa.com