Barr IPDS Converter

Print IPDS even though you don't have an IPDS printer

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The Barr IPDS Converter enables any printer to print IPDS from AFP enabled host systems such as mainframes (zSeries), AS400s (iSeries), and more. It is software which can be installed in a matter of minutes on a Microsoft Windows PC, where it runs as a Windows Service. Like hardware solutions such as embedded cards and conversion boxes, this product leverages your investment in IBM's AFP/IPDS application technology by offering a much wider range of printing choices.

There are two versions of the Barr IPDS Converter

Barr IPDS Converter (Basic) – converts IPDS using native Windows print drivers. Instead of creating PostScript or PCL, this version takes full advantage of the printer driver through the GDI interface (Graphical Device Interface). Within minutes, you can begin to print IPDS on any laser, inkjet, or thermo-transfer printer with a Windows Print Driver.

Barr IPDS Converter (Advanced) – converts IPDS into highly optimized PostScript or PCL5e for ensuring full support for advanced paper handling options and accurate exception handling and page job completion reporting. It includes a comprehensive driver template collection for leading printer manufacturers such as Lexmark, Ricoh, Sharp, Canon and Konica Minolta.

You can use the Barr IPDS Converter for both workgroup and high volume production printers. You can combine it with Barr EOM to run hundreds of distributed printers and MFPs, or manage your high-volume production printing operations.

IPDS Capabilities

- Full SAA Core Interchange Resident Code Page Support.
- Full Core Interchange and Coordinated font set.
- 4028 Compatibility Resident Code Page Set.
- 4028/31xx Compatibility font sets.
- Bitmap LF1, outline LF3 font and TrueType/ OpenType support.
- DBCS (Double Byte Character Set) download font support.
- Font capture support for all download font formats.
- OCA image resource support (downloadable as a resource).
- Auto resolution scaling of fonts and IM images (240 to 300/600dpi).
- One-dimensional barcodes support.
- 2D barcode support (PDF417, MaxiCode, DataMatrix, QR)
- Advanced N-Up support.
- IPDS scalable (IO) and non-scalable (IM) images.
- Vector graphics, including GOCA boxes and Partial Arcs.
- Overlays and page segments.
- OCA Traditional color support (8/16 color values).
- Full image color support (FS45) with gray scaling on monochrome printers.
- Multiple input tray support.
- Multiple output bin support.
- Finishing supported (Offset stacking, Hole punching and Stapling)
- Object Container support (TrueType/OpenType fonts, JPEG/JFIF Images, IOCA Tiles. IO images as resource).
- Capture of Object Container objects.
- Multiple independent IPDS printer sessions with multiple hosts (with shared captured resources).
- Edge-to-edge printing on capable printers.
- Continuous forms printing option.

BARR SYSTEMS

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Emulated Cut Sheet Printers

- IBM 4317 and 4322 Network Printers
- IBM Infoprint® 1000 family
- IBM 3812/16 and 4028 printers
- IBM 2770 (Infoprint® 70)

Emulated Continuous Forms Printers (Optional)

- IBM 3827
- IBM 3835
- IBM 3900
- IBM 4000
- IBM 4370 (Infoprint® 62)
- Nipson 7000

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™
- Océ Prisma™

Target Printer Options Supported

- Multiple input cassettes and envelope feeders.
- Many different paper sizes, including large sizes (for example ledger, A3).
- Multiple output bins.
- Finishing support on most printers: stapling, hole punch, stacking.
- Up to 600 dpi resolution.
- Exploit of overlay caching and font caching in printer PDL, for optimization of throughput.
- Support of SNMP printer status and counters, for accurate error reporting and page recovery.
- PCL and PostScript drivers for specific brands can be customized through the Web GUI, such as selection strings for paper handling options.

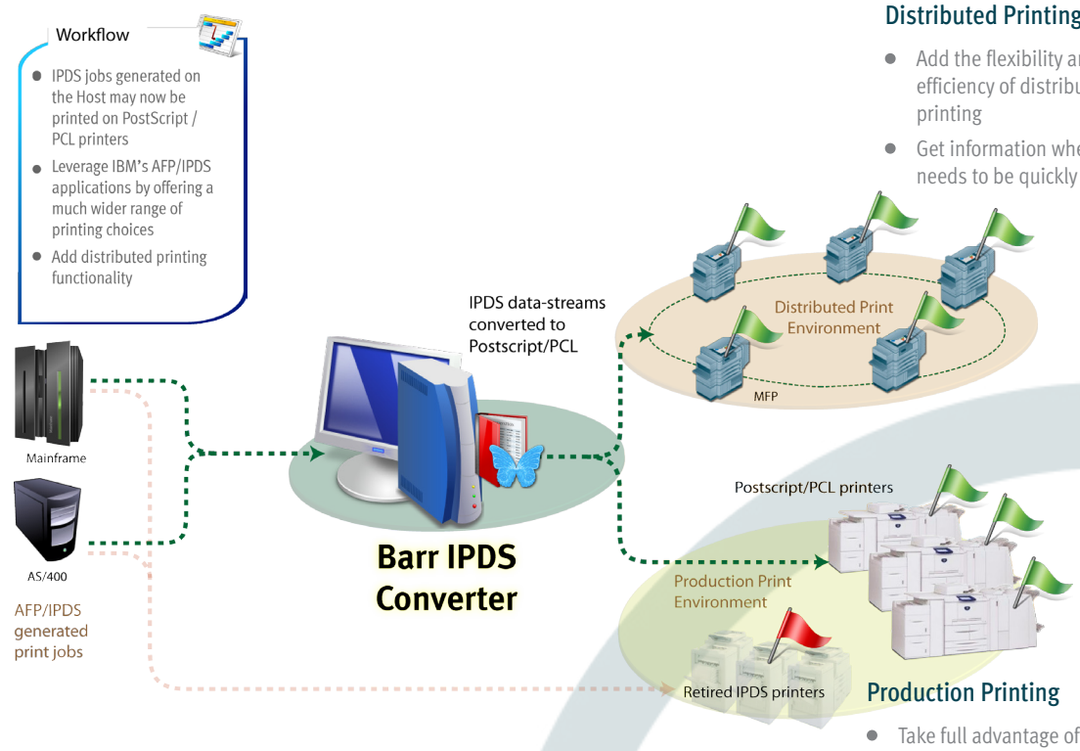
PCL/Postscript Target Printer Requirements:

- PCL 5 or PostScript level 2 compliant printers, MFC or software based PCL/Postscript interpreter.
- SNMP Printer MIB capable.
- TCP/IP Raw Socket (for example port 9100), or LPD (port 515) that allow “print to HDD” capability.

Software Requirements

Windows XP Pro, Windows Vista, Windows 7, Windows 2003 Server, or Windows 2008 Server

**Any of the above under VMWare™*



Distributed Printing

- Add the flexibility and efficiency of distributed printing
- Get information where it needs to be quickly

Production Printing

- Take full advantage of the latest device technology
- Reduce costs, improve quality & maximize utilization of new equipment

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I/OMATION

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