

Add Direct IBM Host and AS/400 Printing to the LAN

Print Server



Host2Net

- **Stand-alone Printing Solution**
- **Up to 3 Logical Printers**
- **Multiple IBM system support**
- **Dual protocol support**
- **Compatible & Upgradable**
- **Easy to install and use**
- **High speed**

Now you can print from IBM S/390 and AS/400 applications on inexpensive LAN-based printers, with a minimal installation and configuration effort and low maintenance costs.

Thanks to Host2Net you can simply add host printing to up to three LAN attached printers by connecting the Host2Net high-performance stand-alone dedicated server to your network. There is no operating system, memory or network card to install or configure. Automatic IP address assignment and remote configuration is supported for easy installation.

Host2Net converts any IBM host print data and sends it to LAN attached industry standard printers using standard LAN interfaces. Host2Net is easy to install, configure and monitor. Access to the built-in Web-server is possible from the desktop with a standard browser.

The Host2Net can be installed in any LAN in order to add network printing from multiple IBM host and midrange systems - it is the ideal solution for companies with departments and remote offices using both LAN and IBM Host printing.

Designed to meet present and future printing requirements of today's heterogeneous enterprise networks, the MPI Tech Host2Net fully supports the AFP/IPDS data stream and advanced SCS features.

Input data can be received from all IBM PSF versions, all MPI Tech AFP capable mainframe printing software, and all LU1/SCS applications. Both SNA and TCP/IP protocols are supported for printing.

Host2Net offers multiple data stream input, multiple input protocol support and output to multiple printer types. Host2Net is a cost effective and flexible high-performance solution for IBM host printing in the network.

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Printing and Conversion Solutions



Attachment

Host2Net TR 4/16

IBM Token Ring (IEEE 802.5) STP (Media type 1/DB9) and UTP (Media type 3/RJ45) at 4/16 Mbps

Host2Net Eth 100

Ethernet 100BASE-TX at 100 Mbps (IEEE 802.3u) and 10BASE-T at 10 Mbps (IEEE 802.3)

System Support

Mainframe Systems

IBM S/370-390 (MVS/VM/VSE)
IBM 30xx, 937x, 43xx, 81xx
IBM AS/400

IBM Printer Emulation

IPDS/AFP via TCP/IP and 3270 SNA (Up to 3 PCL and PostScript printers)

IBM IP40, NP12/17/24, 4312/4317/4324, 3912/3916, 3112/3116, 4028, 3812/3816

Basic SCS via SNA

(Up to 3 PCL and PostScript printers)

IBM NP12/17/24, 3912/3916, 3112/3116, 4028 and 3812/3816, 4214, 3268, 3287

Protocols

From IBM Host

S/390: SNA for IPDS and SCS, TCP/IP for IPDS printing
AS/400: TCP/IP for IPDS printing, SNA (3174 CU mode) for SCS

To Printer

TCP/IP LPR/LPD and Port 9100

Supported Printers

Up to three LAN attached printers. Any IBM emulation for PCL 5/5c/6 and Post-Script L2 and L3 printers.

Features

IBM SNA/SCS features

CPI, LPI and print quality selection, Paper tray selection, Computer Output Reduction (COR), APL support, Query reply, All IBM national languages, IBM Page Presentation Media command

IBM AFP/IPDS features

Full IPDS support, Colour printing, Duplex, 240 and 300 dpi support, Downloadable fonts, Image and Graphics printing, Barcode printing, Input and output paper trays, Supports S/390 MPI Tech PSS mainframe software

Set-up

Web browser (HTML)
MPI Tech PrintGuide (Windows)
Automatic printer configuration
DHCP
ARP / RARP
BOOTP server
TELNET
ASCII file

Management

SNMP MIB II
MPI Tech PrintGuide

Approvals

UL, cUL, CE

Safety

Low Voltage Directive, 73/23/EEC, EN60950 with amendments, UL 1950, 3rd edition

EMC

EMC Directive: 89/336/EEC,
FCC Part 15 Subpart B Class B,
AS/NZS 3548 Class B,
EN 55022: 1998 Class B,
EN61000-3-2,
EN61000-3-3,
EN 55024: 1998

Warranty

3 years manufacturing fault warranty

Size

Height: 235 mm
Width: 165 mm
Depth: 30 mm

Part Number	Product Name	Description
952120-xx4	Host2Net TR 4/16	Token Ring external server for Host printing
962420-xx4	Host2Net Eth 100	Fast Ethernet external server for Host printing
Part Number	Additional Feature	Description
-1xx	International version	EU/International power supply
-2xx	UK version	UK Power supply
-3xx	US version	US Power supply
-5xx	AUS version	Australian Power supply
-x44	AS/400 DCA	DCA w/FSL support for AS/400
-x64	S/390	SCS w/FSL support for S/390

January 2004, 1.0

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