

122 Keyboard AS/400
Low Cost Printing
Ethernet TN5250e iSeries TN3270e TCP/IP
Windows CE

I - O 5755e IPDS/SCS Printer Gateway



The I-O 5755e is a high speed Ethernet-in, Ethernet-out IPDS/SCS gateway print server designed to convert native IBM host print jobs to PCL, allowing them to be printed by a laser printer on the LAN. Supporting up to three printers, the 5755e delivers IBM AFP/IPDS and SCS printing via TCP/IP, providing the control and printer feedback found in an IBM host environment.

High Speed Printing

Attached to the LAN, the 5755e supports high-speed, high-performance printers. Without the bottleneck of a slow parallel port, the 5755e supports over 100 pages per minute. Whether printing from an IBM iSeries – AS/400 or a zSeries – S/390, fast printing can be obtained with laser printers supporting port 9100. In addition to the Ethernet connection, the 5755e has a parallel port to directly attach one printer (laser or dot-matrix).

Full Printing Control from IBM Host

The 5755e offers the same reliable, full-function IBM host printing and control found with direct twinax/coax attached printers. With the 5755e, IBM host print jobs are not lost in the black hole of LAN printing. The 5755e provides bi-directional communication between the printer and the IBM host, allowing error reporting and page range printing.

Easy to Use

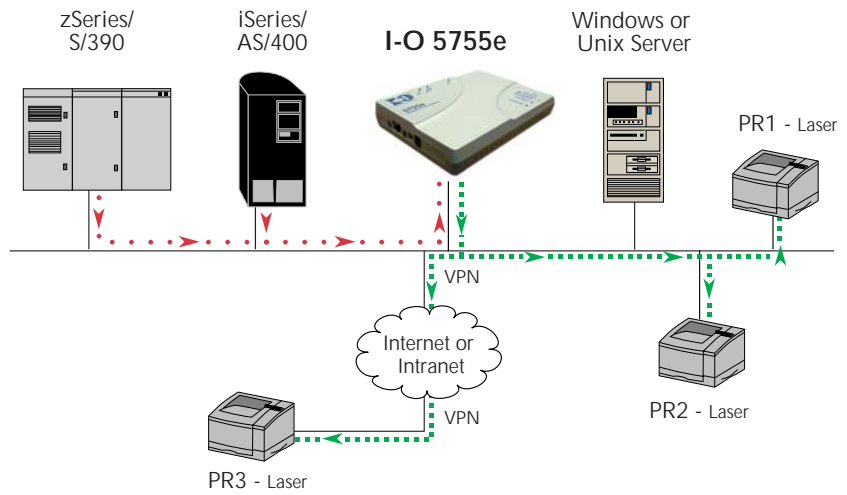
I-O's PrintControl™ utility software is included with every 5755e. Whether selecting TCP/IP or SNA, configuration is made easy through the use of a menu-based utility.



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For AS/400 – iSeries

- **Protocols:** TCP/IP (PPR/PPD, TN5250e, LPR/LPD), SNA (APPC), AnyNet (SNA over TCP/IP)
- **IPDS Emulations:** IBM 4028 AS1, 3812-2, 3816-1D/S, Includes 4312/17 font support
- **SCS Emulations:** IBM 3812-1, 4214, 5224, 5225, 5256
- **IPDS Towers:** Supports all towers
- **System Requirements:** OS/400 Release 3.1 or higher

For IBM S/390 – zSeries

- **Protocols:** TCP/IP (PPR/PPD, LPR/LPD), TN3270e
- **IPDS Emulations:** IBM 4028 AS1, 3812-2, 3816-1D/S, Includes 4312/17 font support
- **IPDS Towers:** Supports all towers
- **System Requirements for OS/390 or MVS:** PSF/MVS Version 2.2.0 with APR OW15599, MVS Scheduler with APRA 0212236, TCP/IP Version 3.1 or higher

For LAN Systems

- **Protocols:** TCP/IP (LPR/LPD), IPX/SPX, NetBIOS, I-O DirectPort™ (Windows 9x Peer-to-Peer)
- **Supported LAN Hosts:** Novell, Windows, UNIX

Printers

- **Ethernet Connection:** Port 9100, PJI unsolicited messages, PCL 3/5e
- **Parallel Connection:** Dot-matrix (SCS only), Laser (IPDS/SCS)

General

- **Ethernet Connection:** Auto-sensing 10/100BaseT
- **Printer Ports:** One IEEE 1284 bi-directional Centronics parallel port
- **Power Supply:** 100-240V auto-switching
- **Configuration:** I-O PrintControl™ utility requires a Windows 95 or higher system

Features

- High Speed Printing, 100+ ppm
- Supports up to 3 Attached LAN Printers
- AFP/IPDS & SCS Printing
- Full IBM Host Control of Print Jobs
- Remote Printing
- One Parallel Port
- I-O's Award Winning Printer Emulations

Benefits

- Data conversion is accomplished at the 5755e and sent to the printer via the Ethernet LAN. The 5755e takes advantage of high-speed, high-performance printers without the bottleneck of the parallel port.
- Three laser printers can be configured as AFP/IPDS and/or SCS virtual printers.
- IBM host printing to LAN attached printers can be accomplished easily in an Ethernet environment.
- The 5755e provides a bi-directional communication between the host and the printer, via port 9100 and PJI commands.
- The printers can be attached locally or remotely via a WAN or VPN network. Printers do not need to be next to the 5755e.
- One laser or dot-matrix printer can be directly attached to the 5755e for IBM host or LAN printing jobs.
- All AFP/IPDS and SCS functions such as True Print Complete, AFP/IPDS and SCS Duplex, Page Offset, COR, Fonts, Barcode, are fully supported by the 5755e.



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