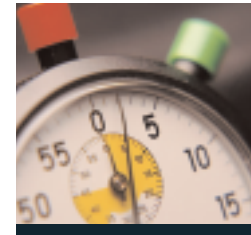# I-O 5755e IPDS/SCS Printer Gateway

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.
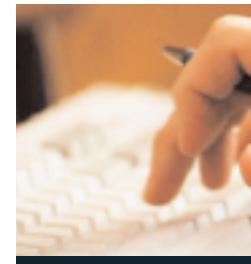
High Speed Printing

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 System i5, 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).
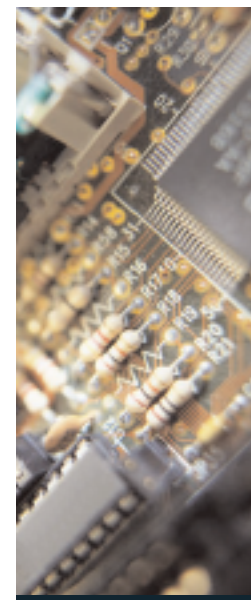
Full Printing Control from IBM Host

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.

For System i5, iSeries, AS/400

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, 5224/25/56

IPDS Towers: Supports all towers

System Requirements: OS/400 Release 3.1 or higher; PSF/400

For zSeries-S/390

Protocols: TCP/IP (PPR/PPD, TN3270e, LPR/LPD)

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), NetBIOS, I-O DirectPort™ (Windows 9x Peer-to-Peer)

Supported LAN (ASCII) Hosts: Windows, UNIX

Printers

Ethernet Connection: Port 9100, PJL unsolicited messages, PCL 3/5e

Parallel Connection: Dot-matrix (SCS only), Laser (IPDS/SCS)
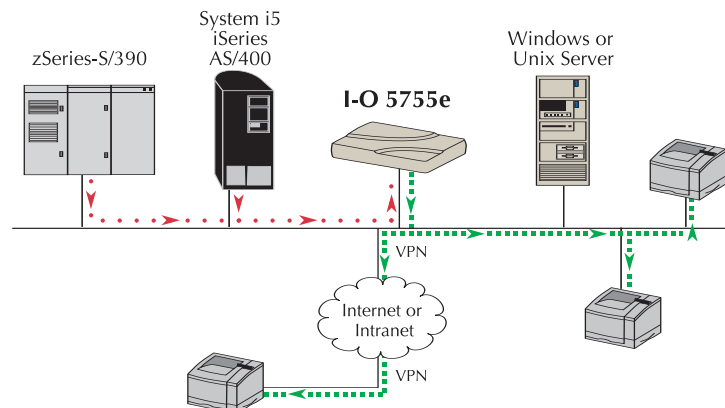
General

Ethernet Connection: Auto-sensing 10/100BaseT

Printer Ports: 1 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

Physical: 8 7/16" x 5 9/16" x 1 3/8" (21.5 x 14.1 x 3.5cm), 14.3 oz. (405 gr.), Temperature range: +40° to 100° F (5° to 42° C), Relative humidity: 10% to 90% noncondensing

zSeries-S/390   System i5 iSeries AS/400   I-O 5755e   Windows or Unix Server

VPN

Internet or Intranet

VPN

Features & Benefits

- **High Speed Printing, 100+ ppm:** 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.

- **I-O s Award Winning Printer Emulations:** All AFP/IPDS and SCS functions, such as True Print Complete, duplex, page offset, COR, fonts, and barcode are fully supported by the 5755e.

- **Supports Up to 3 Attached LAN Printers:** Three laser printers can be configured as AFP/IPDS and/or SCS virtual printers.

- **AFP/IPDS & SCS Printing:** IBM host printing to LAN attached printers can be accomplished easily in an Ethernet environment.

- **Full IBM Host Control of Print Jobs:** The 5755e provides bi-directional communication between the host and the printer, via port 9100 and PJL commands.

- **Remote Printing:** 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 Parallel Port:** One laser or dot-matrix printer can be directly attached to the 5755e for IBM host or LAN printing jobs.