



"Products That Work"

# I-O LAN RPC

Ethernet Connectivity for Twinax or Coax System Printers



The I-O LAN RPC Print Server protects your investment in reliable "legacy" system printers when migrating to TCP/IP Ethernet. It allows twinax or coax IPDS, SCS, or SCS/DSC printers to be connected to an Ethernet network.

Once connected through an I-O LAN RPC an IPDS twinax or IPDS coax system printer can be addressed via TCP/IP from an IBM AS/400 or 3270-type mainframe. The attached printer can be a laser, dot-matrix or line printer. The I-O LAN RPC will reliably communicate the IPDS data received over the TCP/IP Ethernet link to the attached twinax or coax printer.

With an I-O LAN RPC a SCS twinax or SCS/DSC coax system printer becomes available to virtually any host on the Ethernet network. This includes AS/400, 3270-type mainframe, Unix, Windows 2000/NT/ME/98/95, and Novell host systems. All host systems can simultaneously communicate with the I-O attached system printer.

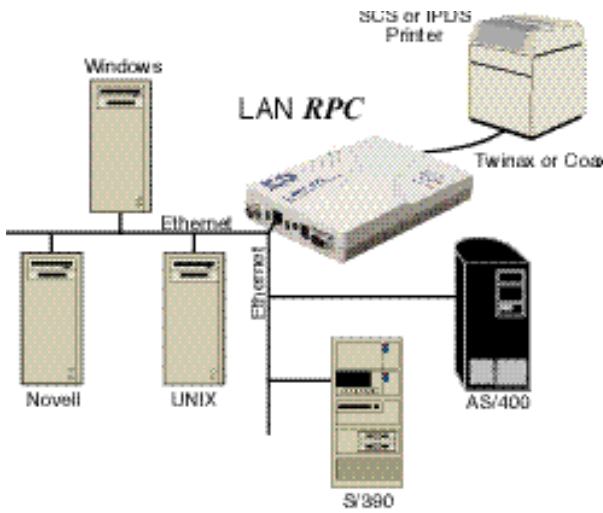
Line and matrix printers configured via AnyNet or SNA on an AS/400 offer page range printing support and posting of the FORM ALIGNMENT message. The latter is a particularly valuable feature when printing on pre-printed stationary such as checks and invoices.

With I-O's PrintControl Windows-based utility, the initial setup and configuration is a painless and straight forward task. Once an IP address has been assigned, administrators can easily configure I-O print servers directly from their desktop. This can be accomplished whether locally or remotely attached.

IBM Compatibility +

## I-O Corporation

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## Technical Specifications for the LAN RPC

### Host Systems

IBM AS/400 System  
 IBM 3270-type Mainframes  
 Unix  
 Windows  
 Novell

### Target Printers & Data Streams Supported

- All 5250 SCS Twinax & 3270-Coax SCS/DSC Printers
- All IPDS 5250 & 3270-Coax Laser Printers
- IPDS Line/Dot-Matrix printers: 4224, 4230, 4234 and others (call for other models not listed)

### Interface

- RJ-45 Cat 5 for Ethernet
- BNC for 3270-Coax printers
- DB-9 for 5250 Twinax printers (DB-9 to Twinax barrel auto-terminating "V" connector included)
- Parallel diagnostic port

### Power Supply

110 to 240 volt auto-ranging  
 5 volt DC 2.5 amp (shield grounded)

### Environment

Temperature: +40° to 100° F (5° to 42° C)  
 Relative Humidity: 10% to 90%, non-condensing

### Size

8<sup>7</sup>/<sub>16</sub> x 5<sup>9</sup>/<sub>16</sub> x 1<sup>3</sup>/<sub>8</sub> (21.5 x 14.1 x 3.5 cm)

### Weight

14.3 ounces (405 grams)

### Approvals

FCC A, CE A (EN 55024:1998)

Printer		LAN RPC	Host	Connection	Data Stream		
Laser or Line/Dot-Matrix	3270-Coax		IPDS*	OS/390 or MVS with PSF/MVS**	TCP/IP (PPR/PPD - Port 5001)	IPDS	
		SCS/DSC (LU1/LU3)		OS/390, MVS with TN3270e Server***	TCP/IP (TN3270e)	SCS	
				Unix, AIX, Windows NT/2000, OS390 with RSCS or similar	TCP/IP (LPR/LPD)	Epson FX (text); IBM Proprinter text; Generic	
				Windows 95/98	TCP/IP (I-O DirectPort™)		
				Novell NetWare	IPX/SPX (Remote Printer, Print Server)		
	5250-Twinax	IPDS	OS/400 V3.1 (or newer) with PSF/400	TCP/IP (PPR/PPD - Port 5001)	IPDS		
			SCS	OS/400	TCP/IP, TN5250e (Laser), AnyNet (Line/Dot-Matrix, Laser)	SCS	
				Unix, AIX, Windows NT/2000; OS400 remote outque	SNA (APPC)		
				Windows 95/98	TCP/IP (LPR/LPD)		Epson FX (text); IBM Proprinter text; Generic
				Novell NetWare	TCP/IP (I-O DirectPort™)		
		TCP/IP (LPR/LPD)					
		IPX/SPX (Remote Printer, Print Server)					

\* Most coax IPDS printers can also operate in SCS/DSC mode.

\*\* Requires PSF/MVS V. 2.2.0 with APR OW 15599, MVS Scheduler with APRA 0212236, and TCP/IP V3R1 or higher.

\*\*\* The I-O LAN RPC communicates via TN3270e. The TN3270e Server can be installed internally in MVS or OS/390 or as an external 3rd party product.

## Features & Benefits

### Investment Protection

Reliable and expensive legacy printers are given a new lease on life by connecting over Ethernet to their host.

### One-Model Solution

The LAN RPC supports both twinax and coax hosts and printers (SCS, SCS/DSC or IPDS).

### Auto-configuration

SNA and AnyNet protocols allow the AS/400 to automatically recognize twinax attached SCS printers.

### PPR/PPD

AFP/IPDS printers are connected to the host via true TCP/IP protocol.

### ASCII to SCS

SCS twinax or SCS/DSC coax printers can now serve as LAN printers.

### PrintControl™ Utility

Simple LAN RPC configuration from a PC on a local or remote network.

### 10/100BaseT Auto-Sensing

Automatically adapts to your network speed.

### FLASH Memory

Convenient field-upgrades to take advantage of the latest enhancements.

### AnyNet and SNA Support

Page Range Printing and form alignment messages for line and matrix printers.

### Simultaneous, Multi-Protocol Printing

Universal access to SCS and SCS/DSC system printers optimizes your printer investment.

Contact your I-O dealer at:

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