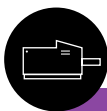


## AXIS 570/670 Print Servers

**Native SNA Printing in a High-Performance  
Multiprotocol LAN Print Server**



# P

## rint Servers

### **Print to Your LAN Printers from Your IBM Host**

AXIS 570/670 print servers provide a flexible and cost effective way to print to your LAN printers from your AS/400 or Mainframe. With all the functionality of Axis print servers, as well as native SNA and advanced TCP/IP support, AXIS 570/670 print servers enable print jobs from an IBM host to be sent over the LAN without the need for application changes, host based conversion software, or software on a file server.

### **Free Host System Resources**

By emulating an IBM 3174 or 5494 Control Unit with subsequent coax/twinax printers, the 32-bit RISC based AXIS 570/670 print servers perform the EBCDIC to ASCII protocol conversion, freeing system resources for more critical tasks. You get the same functionality as you would from a traditional IBM printer connected over coax or twinax, including full control over the output and full error reporting.

### **Easy to Use on Multiple Platforms**

AXIS 570/670 print servers simultaneously support SNA, Windows NT, Windows 95, OS/2, NetWare, over 20 flavors of UNIX, and more. Easy to set up, AXIS 570/670 print servers will auto-configure to your AS/400. On IBM Mainframes, the products install like an IBM 3174 control unit.

### **Internet/Intranet Web Server**

A built-in Web server makes it possible to configure and manage print jobs using any Web browser, such as Internet Explorer or Netscape Navigator. Setup can also be done through AXIS NetPilot (included), or through FTP, TFTP, or from host downloaded configuration files.

### **Flexibility**

The Axis Logical Printer concept allows for printer ports to be programmed to perform auto ASCII to PostScript conversion, string before and after job, string substitution, alternative output and character set conversion. Available as a three port external server in both 10 Mbps and 100 Mbps versions or as an internal MIO for Hewlett Packard printers. Both Ethernet and Token Ring models available.





AXIS 570 MIO Print Server

## Print Servers

### Technical Specifications

#### MODELS

##### AXIS 570

0056-1  
Stand-alone 10base-T/10base-2 Ethernet print server with native support for IBM SNA

##### AXIS 670

0057-1  
Stand-alone STP/UTP Token Ring print server with native support for IBM SNA

##### AXIS 670 MIO

0066-1  
Plug-in Token Ring print server for HP MIO printers with native support for IBM SNA

#### SUPPORTED SYSTEMS

##### IBM Mainframe

IBM S/370, S/390, 30xx, 43xx, 47xx, 937x, 81xx, emulating an IBM 3174 control unit and IBM coax printers via native SNA LU1/3 or TCP/IP Telnet TN3270E. TCP/IP LPR/LPD with ASCII datastream.

##### IBM AS/400

IBM AS/400, emulating an IBM 5494 control unit and IBM twinax printers via native APPN/LU6.2 or TCP/IP LPR/LPD with ASCII or IBM SCS datastreams.

#### SUPPORTED PROTOCOLS

##### NetWare

IPX, SAP, RIP, SPX, and NCP (extended with NDS), LIP

##### TCP/IP

LPD, FTP, Telnet, Reverse Telnet, PROS, BOOTP, ARP, RARP, DHCP, ICMP, IP, TCP, UDP, HTTP.

##### IBM Mainframe

SNA LU1/3 (node type T 2.0) emulating a 3174 Control Unit.

TCP/IP telnet based TN3270 E acting as a transport protocol for IBM SCS.

TCP/IP LPR/LPD with ASCII datastream.

##### IBM AS/400

APPN/LU6.2 (node type T 2.1), emulating a 5494 control unit.

TCP/IP lpd acting as a transport protocol for ASCII or IBM SCS.

##### LAN Manager/LAN Server

NetBIOS/NetBEUI or TCP/IP.

##### Windows

NetBIOS/NetBEUI or TCP/IP.

##### Apple EtherTalk

#### INSTALLATION

##### IBM Mainframe

Standard 3174 controller and coax printer PU and LU definitions in VTAM. Print Server resident parameters set using the Windows-based installation wizard. AXIS NetPilot, FTP, HTTP or via a text file sent from the IBM host.

##### IBM AS/400

IBM 5494 controller and twinax printer device definitions created via auto-configuration on the AS/400. Print Server resident parameters set using the Windows-based installation wizard. AXIS NetPilot, FTP, HTTP or via a text file sent from the IBM host.

#### IBM PRINTER EMULATIONS

IBM Mainframe coax non-IPDS printers: 3812 model 2, 3816 model 01S and 01D, 4224, 4230, 3287, 3268, 4214, 3262.

IBM AS/400 twinax non-IPDS printers: 3812/16 with 5219 diskette, 4214-2, 5224, 5225, 5256, 4230, 5x27-2 KS, 5x27-3 KSSM, 5x27-3, 5x27-5.

#### NETWORK MANAGEMENT

SNMP-MIB II compliant private enterprise MIB included. Print server status and management via NWAdmin/PCONSOLE.

#### LOGICAL CONNECTION

Supports NWay, which provides auto-detection of the network speed. Use of IEEE802.2, IEEE802.3, SNAP and Ethernet II frame types simultaneously.

#### NETWORK ATTACHMENTS

RJ-45 connector (Category 5 unshielded twisted pair cable) for 10base-T Ethernet or 100base-TX Fast Ethernet.

#### SECURITY

UNIX: Root password, User access list and printer access.

NetWare: Encrypted passwords.

#### LOGICAL PRINTERS

The eight logical printer ports can be programmed to perform auto ASCII to PostScript conversion, string before and after job, string substitution, alternative output, and character set conversion.

#### PARALLEL PRINTERS

Two IEEE 1284 compliant high-speed parallel ports, 25 pin DSUB.

Bi-directional support for Apple.

Reverse Telnet and PROS. Sustained throughput up to 500 kbytes/s using NetWare.

#### SERIAL PRINTER

1 serial port, RS-232C, 9 pin DSUB. XON/XOFF or RTS/CTS. Data rates up to 115,200 baud.

#### HARDWARE

32-bit RISC-Controller, 1 Mbyte Flash memory, 512 kbytes RAM memory.

#### FRONT PANEL

2 LED Indicators: Power and Network. Push-button for information printouts.

#### POWER CONSUMPTION

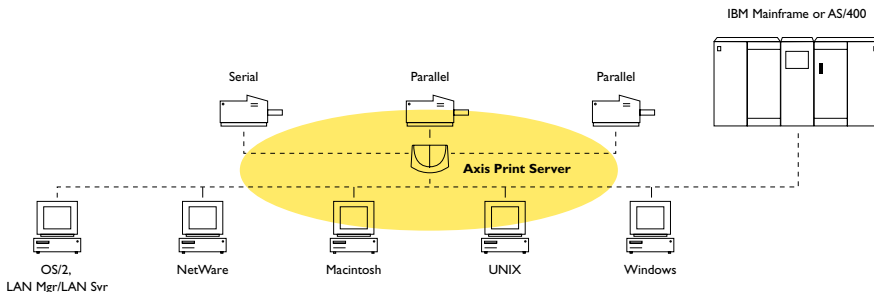
Maximum 5.1 W. Power provided by external supply (Types PS-D 12V I 100 mA).

#### PHYSICAL SPECIFICATIONS

Size: H 1.0 in/2.5 cm, W 6.1 in/15.5 cm, D 4.7 in/12.0 cm. Weight: 55 lb/25 kg  
Temperature: 40–105°F (5–40°C)  
Humidity: 10–95% non-condensing

Approvals: EMC CE, EN 55022/1987, EN50082-1/1992, FCC Class A

Safety: EN 60950, approved power supplies for all countries.



PRODUCT SELECTION GUIDE												
Model #	Part Number	Printer Connections		Network Connections	Web Management	Supported NOS and Protocols					Token Ring Model Available	
		Parallel	Serial			Windows (NT, Win95)	UNIX	NetWare (Bindery & NDS)	LAN Mgr/LAN Svr	LANtastic		SNA
AXIS 540+	0058-3, 0059-1 (TR)	1	N/A	RJ-45	*	*	*	*	*	*	*	*
AXIS 542+	0058-4, 0059-2 (TR)	1	N/A	BNC	*	*	*	*	*	*	*	*
AXIS 540	0058-1 (E)	1	N/A	RJ-45	*	*	*	*	*	*	*	*
AXIS 542	0058-2 (E)	1	N/A	BNC	*	*	*	*	*	*	*	*
AXIS 150	0047-1	2	N/A	RJ-45	*	*	*	*	*	*	*	*
AXIS 152	0047-2	2	N/A	BNC	*	*	*	*	*	*	*	*
AXIS 560	0053-1 (E), 0054-1 (TR)	2	1	RJ-45 & BNC	*	*	*	*	*	*	*	*
AXIS PrintPoint 560/100	0071-1	2	1	RJ-45 (10BT & 100BTX)	*	*	*	*	*	*	*	*
AXIS PrintPoint IP 560/100	0071-3	1	N/A	RJ-45 (10BT & 100BTX)	*	*	*	*	*	*	*	*
AXIS 570	0056-1 (E), 0057-1 (TR)	2	1	RJ-45 & BNC	*	*	*	*	*	*	*	*
AXIS 570 MIO	0065-1 (E), 0066-1 (TR)	HP MIO		RJ-45 & BNC	*	*	*	*	*	*	*	*
AXIS PrintPoint 140 BJC	0074-2	1	N/A	RJ-45	*	*	*	*	*	*	*	*

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