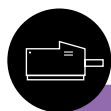# AXIS 570e & 670e Print Servers

AS/400 and S/390 Printing in a High-Performance Multiprotocol LAN Print Server

Print Servers

Print to Your LAN Printers from Your IBM Host

The AXIS 570, 670, 570e and 670e print servers provide a flexible and cost-effective way to print to your LAN printers from your AS/400 or mainframe. In addition to support for all popular protocols and operating systems such as NetWare, UNIX and Windows, the AXIS 570e and 670e print servers deliver world-class support for IBM host system printing. The flexibility to choose between multiple print methods including TN3270E and TN5250E, as well as SCS and IPDS data streams, makes Axis the ideal solution for the enterprise network. AXIS 570e and 670e print servers enable high-speed printing over Ethernet, Fast Ethernet and Token Ring networks without the need for application changes, host-based conversion software, or intermediate servers.

Free Host System Resources

The Axis ETRAX 32-bit RISC processor-based AXIS 570e and 670e print servers perform the EBCDIC to ASCII conversion, freeing system resources for more critical tasks. Users get the same functionality as from a traditional IBM printer connected over coax or twinax, including full control over the output and exception status reporting.

Easy to Use on Multiple Platforms

AXIS 570e and 670e print servers support OS/400, OS/390, Windows NT, Windows 95, OS/2, NetWare, over 20 versions of UNIX, and more. Easy to set up, AXIS 570e and 670e print servers will auto-configure to your AS/400.

AXIS ThinWizard™ Makes Enterpise-Wide Device Management Simple

AXIS ThinWizard is a major step forward in the management of all Axis products. It is a Web-based device management tool built using Java™ technology. AXIS ThinWizard allows multiple Axis network products to be viewed and managed in a group or groups using a standard Web browser. AXIS ThinWizard features many advantages over traditional device management software including:

- Automatic discovery of all Axis products on an IP network
- Flexible grouping of Axis products for viewing and managing as an entity
- Immediate viewing of status updates for Axis products in the network
- Easy-to-use upgrade Wizard for group firmware updates

SNA IPDS SCS TN5250E TN3270E TCP/IP

P r i n t S e r v e r s

AXIS ThinWizard

Technical Specifications

MODELS

AXIS 570
0056-1
Standalone 3 port 10base-T/10base-2 Ethernet print server with advanced TCP/IP and SNA support for non-IPDS IBM host systems printing

AXIS 570e
0080-2
Standalone 3 port 10base/100base T Ethernet print server with advanced TCP/IP and SNA support for non-IPDS and IPDS IBM host system printing

AXIS 670
0057-1
Standalone 3 port STP/UTP Token Ring print server with advanced TCP/IP and SNA support for non-IPDS IBM host system printing

AXIS 670e
0057-6
Standalone 3 port STP/UTP Token Ring print server with advanced TCP/IP and SNA support for non-IPDS and IPDS IBM host system printing

SUPPORTED SYSTEMS

IBM Mainframe
IBM S/370, S/390, 30xx, 43xx, 47xx, 937x, 81xx. The print server emulates an IBM 3174 control unit and subsequent coax printers when running SNA.

IBM AS/400
The print server emulates an IBM 5494 control unit and subsequent twinax printers when running SNA.

SUPPORTED PROTOCOLS

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

TCP/IP- ASCII Environments
LPD, FTP, Telnet, Reverse Telnet, PROS, BOOTP, ARP, RARP, DHCP, ICMP, IP, TCP, UDP, HTTP, TFTP

TCP/IP in Mainframe Environment
TN3270E, raw TCP/IP, LPR/LPD, PPR/PPD ASCII, 3270DS, SCS and IPDS data streams

SNA in Mainframe Environment
SNA LU 1 and SNA LU 3 (node type 2.0). IBM 3174 control unit emulation. ASCII, 3270DS, SCS and IPDS data streams

TCP/IP in AS/400 Environment
TN5250E, raw TCP/IP, LPR/LPD, PPR/PPD ASCII, SCS and IPDS datastreams

SNA in AS/400 Environment
SNA LU 6.2 (node type 2.1). IBM 5494 control unit emulation. ASCII, SCS and IPDS data streams

LAN Manager/LAN Server
NetBIOS/NetBEUI or TCP/IP

Windows
NetBIOS/NetBEUI or TCP/IP

Apple EtherTalk

INSTALLATION

Print server resident parameters set using a Web browser, AXIS NetPilot, FTP, HTTP or via a text file sent from the IBM host.

IBM PRINTER EMULATIONS

IBM Mainframe coax printers: 4028, 3812 model 2, 3816 model 01S and 01D, 4224, 4230, 3287, 3268, 4214, 3262

IBM AS/400 twinax printers: 4028, 3812, 3816, 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 and ThinWizard.

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

AXIS 570
RJ-45 connector (Category 5 unshielded twisted pair cable) 10baseT Ethernet BNC connector for 10base2 coax

AXIS 670
STP/UTP Token Ring

AXIS 570e
RJ-45 connector (Category 5 unshielded twisted pair cable) for 10baseT and 100baseT Ethernet

AXIS 670e
STP/UTP Token Ring

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

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, 2 Mbyte Flash memory, 570/670 - 512 Kbytes RAM memory, 570e/670e - 2048 Kbytes RAM memory

FRONT PANEL

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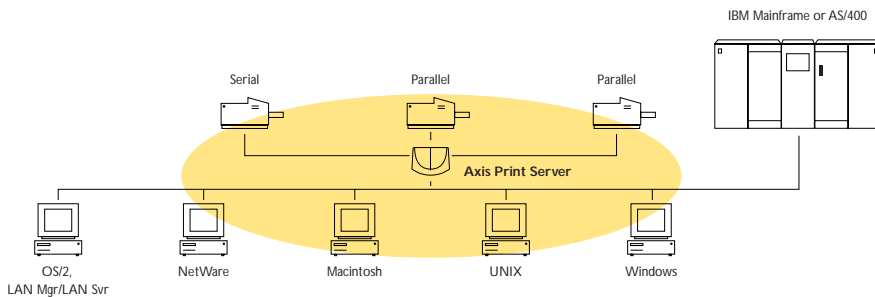
POWER CONSUMPTION

Maximum 5.1 W. Power provided by external supply
570, 670, 670e - Type PS-B 12V 500 mA
570e - Type PS-D 12V 800 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

Serial   Parallel   Parallel

IBM Mainframe or AS/400

Axis Print Server

OS/2, LAN Mgr/LAN Svr   NetWare   Macintosh   UNIX   Windows

Model #	Part Number	Network Connections	100 Mbps Support	ThinWizard Java-Based Management	Supported NOS and Protocols										
					SNA	TN3270E	TN5250E	IPDS	OS/400	OS/390	Windows (NT,WW,95)	Netware (Bindary & NDS)	LAN Mgr/ LAN srv	LANtastic	Apple EtherTalk
AXIS 570	0056-1	RJ-45 & BNC (10base2)		•		•		•		•	•	•	•	•	•	•
AXIS 670	0057-1	4Mbps and 16Mbps		•	•	•		•		•	•	•	•	•	•	•
AXIS 570e	0080-2	RJ-45 (10Mbps & 100Mbps)	•	•	•	•	•	•	•	•	•	•	•	•	•	•
AXIS 670e	0057-6	4Mbps and 16Mbps		•	•	•	•	•		•	•	•	•	•	•	

P R O D U C T   S E L E C T I O N   G U I D E

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