AXIS 5400+ and AXIS 5600+
Network Print Servers

Making Your Daily Work Easier

The AXIS 5400+ and AXIS 5600+ print servers are designed to improve printing performance, increase the efficiency and convenience of the printing process. Install Axis print servers and get more time to focus on other things.

Improved Security

The Axis print servers offer improved security, since it is impossible to intercept printed messages. This new feature is available thanks to the included packet authentication using NetWare Packet Signature Level 1, 2 and 3.

Superior Reliability

The AXIS 5400+ and 5600+ print servers offer the most complete management support on the market:

- Auto-IP functionality - the print servers will automatically receive an IP address when connected to the network
- Embedded troubleshooting
- E-mail notification to administrator when printer needs assistance, e.g. paper or toner refill
- Safe Flash loading of firmware updates, since flashloading over the web is possible

AXIS Print System (APS)

AXIS Print System is a convenient Windows utility for finding your Axis print servers and installing printer drivers from the network.

Web-based Management

AXIS ThinWizardTM is a powerful Web-based management software for Axis print servers and all other Axis products. Using a standard Web browser, it can help you with:

- Basic network installation
- Status of servers and its peripherals, e.g. printers
- Single/batch configuration and firmware upgrades

AXIS Print System and AXIS ThinWizardTM are available free of charge on the Axis Web site.

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COMMUNICATIONS

Supported Printers

- Parallel printers from e.g. Canon, Epson, HP, Ricoh, Minolta, Lexmark and Xerox

- AXIS 5600+ supports serial printers

Supported Systems

- Microsoft Windows: Windows NT ver. 3.5 and above, Windows for Workgroups, Windows 95, Windows 98, Windows 2000
  Print Methods: NetBEUI, LPR, Raw TCP

- Novell NetWare: NetWare 3.11, 3.12, 4.10, 4.11, 5 and above. Supports bindery emulation and NDS. Up to 16 bindery file servers and 96 print queues are served. Supports user messages. NDPS supported by versions 4.11 and above
  Print Methods: NDPS, RPRINTER/NPRINTER, PSERVER

- Microsoft LAN Manager: LAN Manager 2.0c and above, running under OS/2 ver. 1.3 and above
  Print Method: NetBEUI

- IBM LAN Server: LAN Server 1.3 and above, running under OS/2 ver 1.3 and above including OS/2 Warp, OS/2 Warp Connect
  Print Method: NetBEUI

- LANtastic: LANtastic 7.0, from any of the supported Windows clients defined above
  Print Method: NetBEUI

- Additional Systems: All computers supporting the TCP/IP suite of protocols including:

  BSD systems: BSD 4.2, 4.3, 4.4, SunOS4 (SOLARIS 1.x), DEC Ultrix etc.

  System V systems: R3, R4, AT&T. Interactive, SCO, SUNOS5 (Solaris 2.x), HP-UX, Silicon Graphics IRIX, DEC Alpha OSF/1, IBM AIX, BULL (BOS, AIX), Linux

  Other systems: IBM (MVS, VM, VSE, OS/400), DEC VMS, guidelines for other systems

  Print Methods: LPD, FTP, PROS (named pipe & filtered), Reverse Telnet

- Apple EtherTalk: Print Method: AppleTalk Phase 2

- WWW: Netscape 3.0 or higher and MS Internet Explorer 3.0 or higher

Supported Protocols

- Windows and OS/2: NetBIOS/NetBEUI or TCP/IP, WINS

- NetWare: IPX, IP, SAP, RIP, SPX, and NCP (extended with NDS), NDPS, NLSP, DIAG, LIP

- LAN Manager/LAN Server: NetBIOS/NetBEUI

- LANtastic: NetBIOS/NetBEUI

- TCP/IP: LPD, FTP, Telnet, Reverse Telnet, PROS, BOOTP, ARP, RARP, DHCP, ICMP, IGMP, IP, TCP, UDP, HTTP, SNMP, TFTP, SLP, Raw TCP, IPP, Auto-IP, DDNS

- Apple EtherTalk: AAPR, ATP, DDP, NBP, PAP, RTMP, ZIP

Security

- NetWare: Encrypted passwords, NetWare Packet Signature Level 1, 2, 3

- UNIX/Linux: Root password, user access list and printer access

Network Management

- SNMP-MIB II compliant (over UDP/IP and IPX), private enterprise MIB included

- Print server/job/printer status presentation and management via NWAdmin/PCONSOLE

- AXIS ThinWizard for monitoring, configuration and firmware upgrading

Supported Languages

- English, German, French, Spanish

Logical Connection

- Ethernet: Use of IEEE802.2, IEEE802.3, SNAP and Ethernet II frame types simultaneously

- Fast Ethernet: Supports NWay that provides auto-detection of network speed. Use of IEEE802.2, IEEE802.3, SNAP and Ethernet II frame types simultaneously, full duplex

Network Attachments

- Ethernet: RJ-45 connector (Category 5 twisted pair cable) for 10baseT Ethernet or 100base TX Fast Ethernet

Logical Printers

- 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 Ports

- AXIS 5400+: 36-pin Centronics connector parallel port, high-speed IEEE 1284 compliant

- AXIS 5600+: Two 25-pin DSUB parallel ports, high-speed IEEE 1284 compliant

- Sustained throughput over 1 MB/sec using NetWare. Bi-directional support for Apple EtherTalk, Reverse Telnet, PROS. ECP support

Serial Port

- AXIS 5600+: One serial port, RS-232, 9-pin DSUB connector. XON/XOFF or RTS/CTS

- Data rates up to 115,200 baud

Power Consumption

- Power provided by external supply

- AXIS 5400+: Maximum 2,4 W (Type PS-B, 12V AC 500 mA)

- AXIS 5600+: Maximum 4,8 W (Type PS-D, 12V AC 800 mA)

Dimensions

- AXIS 5400+: Height 0.9 in/2.4 cm
  Width 2.4 in/6.1 cm
  Depth 4.8 in/12.1 cm
  Weight 0.22 lb/0.1 kg

- AXIS 5600+: Height 1.1 in/2.9 cm
  Width 6.3 in/16.0 cm
  Depth 5.1 in/12.9 cm
  Weight 0.64 lb/0.28 kg

Environmental

- Temperature: 40-105°F (5-40°C)
  Humidity: 10-95% non-condensing

Approvals

- EMC CE; EN 55022/1994, EN50082-1/1997, FCC Class A

Safety

- EN 60950, approved power supplies for all countries

Hardware

- 32-bit 100 MHz RISC Controller, 1 MB Flash memory, 2 MB RAM

Front Panel

- 2 LED indicators: Power and Network

- Test button for information printouts

For more information visit our web site: www.axis.com

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