AT-S105 Version 1.1.0 Management Software Release Notes AT-FS750/24POE and AT-FS750/48 Fast Ethernet WebSmart Switches

Please read this document before you begin to use the management software.

NOTE

This document is intended for GREEN AT-FS750/24POE and AT-FS750/48 switches that display the following GREEN ECO-friendly symbol on the left side of the front panel:

If you do not find this GREEN ECO-friendly symbol on the front panel of your switch, please go to the Product Legacy web page at **http://www.alliedtelesis.com/support/legacy** for the latest product documentation and firmware for your product. On this web page, select "Switches" in the **Product Category** field and select either "AT-FS750/24POE" or "AT-FS750/48"from the **Product Name** field.

Supported Platforms

The AT-S105 Version 1.1.0 is supported on the AT-FS750/24POE and AT-FS750/48 Fast Ethernet WebSmart switches.

Product Documentation

For the AT-FS750/24POE and AT-FS750/48 documentation, refer to the following guides:

❏ *AT-FS750/24POE Fast Ethernet WebSmart Switch Installation Guide*

❏ *AT-FS750/48 Fast Ethernet WebSmart Switch Installation Guide*

❏ *AT-S105 Management Software User's Guide*

These documents are available in portable document format (PDF) on our web site. For instructions to view or download these documents, go to "Where to Find Management Software Updates and Product Information" on page 4 for further information.

What's New in Version 1.1.0

New Features

The following features have been added to the AT-S105 Version 1.1.0 software:

❒ ACL - Access Control Lists are now supported by port, Mac Address or IP address.

❒ LACP Standby Mode - No additional setting is required for LACP Standby mode. The standby feature only works when you select more port members than the trunk limitation. For example, since the AT-FS750/24POE and AT-FS750/48 allow a maximum of 8 ports in a trunk, when you select 10 ports in trunk, the lower numbered 8 ports will be active and the remaining 2 ports AUTOMATICALLY become standby ports. So when 1 port is bad, one of the standby ports becomes the active port.

You can NOT intentionally assign a port as a standby port. If you select 5 ports for a trunk and the remote trunk partner supports only 4 members per trunk, the fifth port is automatically placed into standby mode. However, all 5 ports become active if the remote trunk partner supports 5 or more ports per trunk.

Based on the max number of ports in each trunk, when users select more ports than the limit, the extra ports become standby ports automatically.

❒ RMON - The AT-FS750/24POE and AT-FS750/48 now support the following RMON MIB groups:

— Statistic group

— History group

— Alarm group

— Event group

Resolved Issues

❒ Certain SFP's are not functional until the switch is rebooted if they are are installed when the switch is turned on. The issue has been resolved.

❒ When a trunk is applied, the switch checks the lowest numbered port for its duplex mode. If the duplex mode is half-duplex, a pop up error message is displayed to users, If the duplex mode is full-duplex, the speed and duplex settings are copied from the lowest numbered port to other ports in the trunk. This insures that all port members are transmitting and receiving traffic at the same data rate.

Operational Notes

❒ The AT-FS750/24POE and AT-FS750/48 switches automatically save power based on the following conditions.

— Energy Detect: When the link status of any port is DOWN, the port defaults to a low energy state until a link is established.

— Active Power Management: On the Gigabit Ethernet (combo) ports only, when the link status is UP, the transmit power of the port is automatically adjusted directly proportional to the length of the Ethernet cable.

— On the Fast Ethernet (10/100MB) ports with the link status UP, no active power management comes into play

❒ Flow Control is functional between any ports (1 - 26) on the AT-FS750/24POE switch

❒ On the AT-FS750/48 switch, Flow Control is functional between ports 1 - 24 or between ports 25 - 50. It is not functional between a port in the first group and another port in the second group.

Known Issues

The following issues were found in this release:

❒ Flow Control does not operate properly on the AT-FS750/48 when the Egress Rate Limit is < 1920 kbps.

❒ Allied Telesis Inc. recommends that MAC Based Authentication and 802.1x Forced Authorized mode not be configured simultaneously. If you do elect to implement this configuration on a port, it may interfere with STP, RSTP, and/or EAP forwarding packets being received or transmitted on that port.

Also, if this configuration is implemented on all ports simultaneously, the AT-S105 WEB management interface may become inaccessible.

Features History

Version 1.0.0

❒ Web-based interface

❒ Basic Port Configuration

❒ Dynamic Host Configuration Protocol (DHCP)

❒ IP Access List

❒ Port-based and tagged VLANs

❒ Quality of Service (QoS) support

❒ Port trunking

❒ Port mirroring

❒ Spanning Tree (STP) and Rapid Spanning Tree (RSTP)

❒ IGMP Snooping supporting IGMP versions 1 and 2

❒ Simple Network Management Protocol (SNMP) versions SNMPv1 and SNMPv2c

❒ Storm Control

❒ Static multicast addresses

❒ 802.1x Port-based Network Access Control (IEEE 802.1x)

❒ Remote Authentication Dial In User Services (RADIUS) client

❒ Destination MAC Filter

❒ User-defined Power over Ethernet (PoE) on 12 PoE ports

❒ TFTP and HTTP to upgrade the firmware image

❒ Configuration File Upload/Download

❒ Traffic, error, and history statistics

❒ Control of LED ECO Mode

❒ Ping Execution

Contacting Allied Telesis

This section provides Allied Telesis contact information for technical support as well as sales or corporate information.

Online Support

You can request technical support online by accessing the Allied Telesis Knowledge Base: **www.alliedtelesis.com/support/kb.aspx**. You can use the Knowledge Base to submit questions to our technical support staff and review answers to previously asked questions.

Email and Telephone Support

For Technical Support via email or telephone, refer to the Support section of the Allied Telesis web site: **www.alliedtelesis.com/support**.

Returning Products

Products for return or repair must first be assigned a return materials authorization (RMA) number. A product sent to Allied Telesis without an RMA number will be returned to the sender at the sender's expense. For instructions on how to obtain an RMA number, go to the Support section on our web site at **www.alliedtelesis.com/support/rma.aspx**.

For Sales Information

You can find the contact information for our Allied Telesis for sales offices or valued resellers listed on our web site at **http://www.alliedtelesis.com/purchase**. To purchase Allied Telesis products directly, contact one of our sales representatives or one of our valued resellers.

Warranty Information

Go to **www.alliedtelesis.com/support/warranty** for the specific terms and conditions of the warranty and the warranty registration for the AT-FS750/24POE and AT-FS750/48 Fast Ethernet WebSmart switches

Where to Find Management Software Updates and Product Information

Management software updates are on the Allied Telesis web site. In addition, the installation and user guides are available for all Allied Telesis products in portable document format (PDF) on our web site. Go to **http://www.alliedtelesis.com/support/software/**.

Enter your hardware product model in the **Search by Product Name** field; for example, enter AT-FS750/24POE or AT-FS750/48. You can view the documents online or download them onto your local workstation or server.

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