

# AlliedView™-EMS 3.11

## RELEASE NOTES

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## Introduction

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AlliedView-EMS is a Java-based network device management solution from Allied Telesis. Whether managing a large network distributed across multiple sites with third party Network Management Systems like HP OpenView and Castle Rock SNMPc, or small networks with only a handful of nodes, AlliedView-EMS provides the tools needed to effectively monitor and proactively manage Allied Telesis' intelligent networking products.

AlliedView-EMS allows the viewing of managed details for all Allied Telesis SNMP manageable products on a network from a user-friendly, window-based interface.

AlliedView-EMS is a scalable management suite for managing medium to large sized networks. Application programs are included for graphical display of devices and detailed management of private MIBs.

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Release Notes

## What's New?

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This section describes the changes made since AlliedView-EMS 3.10

### I. Application

- Support for the following devices is now available:

AT-9424T	Layer 3 Gigabit Ethernet Switch
Rapier 48w	WAN Capable Layer 3 Fast Ethernet Switch
AT-x900-48FS	Enhanced Fast Ethernet Layer 3+ Switch

- Support for the following Converteon line cards is now available:

AT-CM20I	10/100TX to 100FX Media Converter Line Card
AT-CM70S	T1/E1 + 10/100TX Media Converter Line Card

- The following device modules have been updated to support the latest management software and MIB objects.

AT-8948	Fast Ethernet Layer 3 Switch
AT-9424Ts	Layer 3 Gigabit Ethernet Switch
AT-9424Ts/XP	Layer 3 Gigabit Ethernet Switch
AT-9448T/SP	Layer 3 Gigabit Ethernet Switch
AT-9448Ts/XP	Layer 3 Gigabit Ethernet Switch
AT-CV1200	2-Slot Converteon Chassis
AT-CV5000	18-Slot Converteon Chassis
AT-x900-48FE	Enhanced Fast Ethernet Layer 3+ Switch

- Please refer to [Supported Devices and Software Versions](#) for the complete list of devices and latest management software supported in AlliedView-EMS 3.11.

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What's New?

## Supported Devices and Software Versions

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AlliedView-EMS supports the following devices and software versions.

- [Hubs](#)
- [Routers](#)
- [Layer 2 Switches](#)
- [Layer 2+ Switches](#)
- [Layer 3 Switches](#)
- [Layer 3+ Switches](#)
- [Layer 3/4+ Switches](#)
- [Layer 4+ Switches](#)
- [Media Converters](#)
- [Residential Gateways](#)
- [Wireless](#)
- [Accessories](#)

### Hubs

Product Name	Software Version
AT-FH812u	AT-S48 v2.04
AT-FH824u	AT-S48 v2.04

### Routers

Product Name	Software Version
AT-AR240E	Rel 1.2.2
AT-AR250E	Rel 1.0.6
AT-AR255E	Rel 1.0.2
AT-AR300	Rel 2.3.1 p1 or later
AT-AR300L	Rel 2.3.1 p1 or later
AT-AR320	Rel 2.3.1 p1 or later
AT-AR350	Rel 2.3.1 p3 or later
AT-AR370S	Rel 2.3.1 p3 or later
AT-AR370U	Rel 2.3.1 p3 or later

Product Name	Software Version
AT-AR410	Rel 2.4.1 or later
AT-AR415S	Rel 2.7.6 or later
AT-AR440S	Rel 2.6.6 or later
AT-AR441S	Rel 2.6.6 p1 or later
AT-AR442S	Rel 2.8.1 or later
AT-AR450S	Rel 2.5.2 or later
AT-AR720	Rel 2.3.2 or later
AT-AR725	Rel 2.4.1 p3 or later
AT-AR725-DC	Rel 2.5.1 or later
AT-AR740	Rel 2.3.2 or later
AT-AR740-DC	Rel 2.3.2 or later
AT-AR745	Rel 2.4.1 p3 or later
AT-AR745-DC	Rel 2.5.1 or later
AT-AR750S	Rel 2.9.1 or later
AT-AR750S-DP	Rel 2.9.1 or later
AT-AR770S	Rel 2.9.1 or later

## Layer 2 Switches

Product Name	Software Version
AT-8000/8POE	AT-S81 v1.1.0
AT-8000S/16	Rel 1.0.0.23
AT-8000S/24	Rel 1.0.0.23
AT-8000S/24POE	Rel 1.0.0.23
AT-8000S/48	Rel 1.0.0.23
AT-8000S/48POE	Rel 1.0.0.23
AT-8012M	AT-S39 v3.3.1
AT-8012M-QS	AT-S39 v3.3.1
AT-8016F/MT	AT-S39 v3.3.1
AT-8016F/SC	AT-S39 v3.3.1

Product Name	Software Version
AT-8016F/ST	AT-S39 v3.3.1
AT-8024	AT-S39 v3.3.1
AT-8024GB	AT-S39 v3.3.1
AT-8024M	AT-S39 v3.3.1
AT-8026FC	AT-S39 v3.3.1
AT-8026T	AT-S39 v3.3.1
AT-8088/MT	AT-S39 v3.3.1
AT-8088/SC	AT-S39 v3.3.1
AT-8124	v1.03
AT-8124XL (V2)	AT-S30 v1.0.4
AT-8216FXL/SC	AT-S24 v3.1.0
AT-8224XL	AT-S24 v3.1.0
AT-8324	AT-S25 v2.0.2
AT-8324SX	AT-S29 v1.402
AT-8326GB	AT-S41 v1.1.6
AT-8350GB	AT-S41 v1.1.6
AT-8400	AT-S60 v2.1.0 NE
AT-8403 Fan Tray for AT-8400	AT-S60 v2.1.0 NE
AT-8411 8-port (RJ-45) Line Card	AT-S60 v2.1.0 NE
AT-8412 4-port (MT-RJ) Line Card	AT-S60 v2.1.0 NE
AT-8412 4-port (SC) Line Card	AT-S60 v2.1.0 NE
AT-8413 2-port (GBIC/RJ-45) Line Card	AT-S60 v2.1.0 NE
AT-8414 4-port (SC) Line Card	AT-S60 v2.1.0 NE
AT-8414 4-port (ST) Line Card	AT-S60 v2.1.0 NE
AT-9000/24	AT-S84 v1.1.0.28
AT-9006SX/SC	AT-S26 v1.4.1
AT-9006T	AT-S26 v1.4.1
AT-9410GB	AT-S45 v1.0.8

## Layer 2+ Switches

Product Name	Software Version
AT-8516F/SC	AT-S62 v1.4.0
AT-8524M	AT-S62 v1.4.0
AT-8524POE	AT-S62 v1.4.0
AT-8550GB	AT-S62 v1.4.0
AT-8550SP	AT-S62 v1.4.0
AT-8724XL	Rel 2.5.1 p2 or later
AT-8724XL-DC	Rel 2.5.1 p2 or later
AT-8748XL	Rel 2.5.1 p2 or later
AT-8748XL-DC	Rel 2.5.1 p2 or later
AT-9408LC/SP	AT-S63 v2.2.0
AT-9424T/GB	AT-S63 v2.2.0
AT-9424T/SP	AT-S63 v2.2.0

## Layer 3 Switches

Product Name	Software Version
AT-8624POE	Rel 2.7.4 or later
AT-8624T/2M	Rel 2.6.4 p6 or later
AT-8648T/2SP	Rel 2.8.1 or later
AT-8824	Rel 2.6.4 or later
AT-8848	Rel 2.6.4 or later
AT-9424T <sup>new!</sup>	AT-S63 v3.1.0
AT-9424Ts	AT-S63 v3.1.0
AT-9424Ts/XP	AT-S63 v3.1.0
AT-9448T/SP	AT-S63 v3.1.0
AT-9448Ts/XP	AT-S63 v3.1.0
Rapier 16F/MT	Rel 2.4.1 or later
Rapier 16F/SC	Rel 2.4.1 or later



Product Name	Software Version
Rapier 16Fi/MT	Rel 2.9.1 or later
Rapier 16Fi/SC	Rel 2.9.1 or later
Rapier 24	Rel 2.3.1 or later
Rapier 24i	Rel 2.3.1 p5 or later
Rapier 48	Rel 2.3.1 p5 or later
Rapier 48i	Rel 2.3.1 p5 or later
Rapier 48w <sup>new!</sup>	Rel 2.9.1 or later
Rapier G6	Rel 2.3.1 p5 or later
Rapier G6FLX/SC	Rel 2.3.1 p5 or later
Rapier G6FSX/MT	Rel 2.3.1 p5 or later
Rapier G6FSX/SC	Rel 2.3.1 p5 or later

## Layer 3+ Switches

Product Name	Software Version
AT-8948	Rel 2.9.1 or later
AT-9724TS	Rel 4.31
AT-9748TS/XP	Rel 4.31
AT-9924SP	Rel 2.6.6 or later
AT-9924T	Rel 2.6.6 or later
AT-9924T/4SP	Rel 2.6.6 or later
AT-9924Ts	Rel 3.0.2-01 or later
AT-x900-24XS	Rel 3.2.1 or later
AT-x900-24XT	Rel 3.2.1 or later
AT-x900-24XT-N	Rel 3.2.1 or later
AT-x900-48FE	Rel 2.9.1 or later
AT-x900-48FS	Rel 2.9.1 or later

## Layer 3/4+ Switches

Product Name	Software Version
AT-9812T	Rel 2.4.2 or later
AT-9812T-DC	Rel 2.5.1 p12 or later
AT-9812TF	Rel 2.4.2 or later
AT-9816GB	Rel 2.4.2 or later
AT-9816GB-DC	Rel 2.5.1 p12 or later
AT-9816GF	Rel 2.4.2 or later

## Layer 4+ Switches

Product Name	Software Version
AT-SB4004 SwitchBlade 4-slot AC Model	Rel 2.5.1 or later
AT-SB4004 SwitchBlade 4-slot DC Model	Rel 2.5.1 or later
AT-SB4008 SwitchBlade 8-slot AC Model	Rel 2.5.1 or later
AT-SB4008 SwitchBlade 8-slot DC Model	Rel 2.5.1 or later
AT-SB4151 Fan Tray for 4-slot Model	Rel 2.5.1 or later
AT-SB4152 Fan Tray for 8-slot Model	Rel 2.5.1 or later
AT-SB4211 Switch Controller	Rel 2.5.1 or later
AT-SB4215 Bandwidth Expander	Rel 2.5.1 or later
AT-SB4311 48-port (RJ-45) Line Card	Rel 2.5.1 or later
AT-SB4352 32-port (MT-RJ) Line Card	Rel 2.5.1 or later
AT-SB4411 8-port (RJ-45) Line Card	Rel 2.5.1 or later
AT-SB4412 24-port (RJ-45) Line Card	Rel 2.6.2 or later
AT-SB4441 8-port 1000X (GBIC) Line Card	Rel 2.5.1 or later
AT-SB4442 24-port 1000Base-X (SFP) Line Card	Rel 2.7.5 or later
AT-SB4451 8-port 1000SX (SC) Line Card	Rel 2.5.1 or later
AT-SB4452 8-port 1000SX (MT-RJ) Line Card	Rel 2.5.1 or later
AT-SB4461 8-port 1000LX (SC) Line Card	Rel 2.5.1 or later
AT-SB4462 8-port 1000LX (MT-RJ) Line Card	Rel 2.5.1 or later
AT-SB4541 1-port 10GBASE-R Line Card	Rel 2.7.1 or later

## Media Converters

Product Name	Software Version
AT-CV1200 Converteon 2-slot Chassis	AT-S70 v1.7.0
AT-CV5000 Converteon 18-slot Chassis	AT-S70 v1.7.0
AT-CM201 10/100TX to 100FX <b>new!</b>	AT-S73 v2.0.2
AT-CM202 10/100TX to 100FX	AT-S73 v2.0.2
AT-CM212A/I 10/100TX to 100FX	AT-S73 v2.0.2
AT-CM212B/I 10/100TX to 100FX	AT-S73 v2.0.2
AT-CM2K0S 10/100/1000TX to 1000FX	AT-S73 v2.0.2
AT-CM70S T1/E1 + 10/100TX <b>new!</b>	AT-S73 v2.0.2
AT-CV101 100TX to 100FX	AT-S70 v1.7.0
AT-CV102 100TX to 100FX	AT-S70 v1.7.0
AT-CV1KSS 1000FX to 1000FX	AT-S70 v1.7.0
AT-MCF06 Family	AT-S34 v2.3.4
AT-MCF12 Family	AT-S34 v2.3.4
AT-MCF106 Family	AT-S34 v2.3.4
AT-MCF112 Family	AT-S34 v2.3.4
AT-MPB3000	v1.0.4
AT-MCM100-01SC	v1.0.4
AT-MCM100-01ST	v1.0.4
AT-MCM100-01SMR	v1.0.4
AT-MCM100-01SMRF15	v1.0.4
AT-MCM100-02SC	v1.0.4
AT-MCM100-02ST	v1.0.4
AT-MCM100-02SMR	v1.0.4
AT-MCM100-02SMRF15	v1.0.4
AT-MCM110-01SC	v1.0.4
AT-MCM110-01ST	v1.0.4
AT-MCM110-01SMR	v1.0.4

Product Name	Software Version
AT-MCM110-01SMRF15	v1.0.4
AT-MCM110-02SC	v1.0.4
AT-MCM110-02ST	v1.0.4
AT-MCM110-02SMR	v1.0.4
AT-MCM110-02SMRF15	v1.0.4
AT-MCM1000S-LX1	v1.0.4
AT-MCM1000S-LXF15	v1.0.4
AT-MCM1000T-LX1	v1.0.4
AT-MCM1000T-LXF15	v1.0.4
AT-MPBI00TF/2	v1.0.4
AT-MPBI00TF/15	v1.0.4
AT-MPBI00TFS/15	v1.0.4
AT-MPBI000SL/10	v1.0.4
AT-MPBI000SLS/10	v1.0.4
AT-MPBI010TL/10	v1.0.4
AT-MPBI010TLS/10	v1.0.4
AT-PBC18 PowerBlade 18-slot Chassis	AT-S31 v1.2
AT-PB13 Media Converter Module	AT-S31 v1.2
AT-PB14 Media Converter Module	AT-S31 v1.2
AT-PB15 Media Converter Module	AT-S31 v1.2
AT-PB101 Media Converter Module	AT-S31 v1.2
AT-PB102 Media Converter Module	AT-S31 v1.2
AT-PB103/1 Media Converter Module	AT-S31 v1.2
AT-PB103/2 Media Converter Module	AT-S31 v1.2
AT-PB201 Switch Module	AT-S31 v1.2
AT-PB202 Switch Module	AT-S31 v1.2
AT-PB202/1 Switch Module	AT-S31 v1.2
AT-PB202/3 Switch Module	AT-S31 v1.2
AT-PB202/4 Switch Module	AT-S31 v1.2

Product Name	Software Version
AT-PB301 Media Converter Module	AT-S31 v1.2
AT-PBI001/I Media Converter Module	AT-S31 v1.2
AT-PBI001/3 Media Converter Module	AT-S31 v1.2
AT-PBI005G Media Converter Module	AT-S31 v1.2

## Residential Gateways

Product Name	Software Version
AT-RG213FX	H.323 Rel 4.5.6
	MGCP Rel 1.4.18
	SIP Rel 6.4.7
AT-RG213TX	H.323 Rel 4.5.6
	MGCP Rel 1.4.18
	SIP Rel 6.4.7
AT-RG613BD	Rel 2.2.0
AT-RG613LH	Rel 2.2.0
AT-RG613SH	Rel 2.2.0
AT-RG613TX	Rel 2.2.0
AT-RG634A	Rel 3.2.0 (Annex A)
	Rel 3.2.0 (Annex A - GSPAN)
AT-RG644B	Rel 3.2.0 (Annex B)
AT-RG656BD	Rel 2.2.0

## Wireless

Product Name	Software Version
AT-WA7400	Rel 1.11.06C
AT-WA7500	Rel 2.30
AT-WA7501	Rel 2.30

## Accessories

Product Name
<i>Gigabit Interface Converters (GBICs)</i>
AT-G8 Series
AT-SP Series
AT-XP Series
<i>Optional Gigabit Expansion Modules</i>
AT-A14
AT-A15SX
AT-A15LX
AT-A35LX/SC
AT-A35SX/SC
AT-A39T
AT-A42/GBIC
AT-A46
AT-A47
AT-A60
AT-A61
AT-A62
AT-B15/LX
AT-B15/SX
AT-XEM-12S
AT-XEM-12T
AT-XEM-1XP
AT-XP9700

Product Name
<i>Port Interface Cards</i>
AT-AR020
AT-AR021 (S)
AT-AR021 (U)
AT-AR022
AT-AR023
AT-AR024
AT-AR026
AT-AR027
<i>Network Service Modules (NSMs)</i>
AT-AR040
AT-AR041
AT-AR042
<i>Optional Fast Ethernet Expansion Modules</i>
AT-A16
AT-A17
AT-A18
AT-A19
AT-A40/SC
AT-A40/MT
AT-A41/SC
AT-A41/MT
AT-A45/MT
AT-A45/SC
AT-A45/SC-SMI5
AT-B17

Product Name
<i>Power Accessories</i>
AT-BRPS8000
AT-FPS5033A
AT-FPS5033D
AT-PBPWRAC
AT-PWR01
AT-PWR10
AT-PWR11
AT-PWR14
AT-PWR3004
AT-PWR3104
AT-PWR3202
AT-PWR8000
AT-PWR9700
AT-RG005
AT-RPS740
AT-RPS3004
AT-RPS3104
AT-RPS3204
AT-RPS8000
AT-RPS9000
AT-RPS9700
<i>Management Modules</i>
AT-8401 for AT-8400
AT-BMGMT for AT-8324SX
AT-CV5M01 for AT-CV5000
AT-MCM02 for AT-MCF10 and AT-MCF100 series
AT-MMM-01 for AT-MPB3000
AT-PBM02 for PowerBlade series



Product Name
AT-SB4211 for SwitchBlade series
<i>Stacking Modules</i>
AT-BSTACK1
AT-STACK8
AT-STACKM

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Supported Devices and Software Versions

## Application Notes

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### I. General

- The ALT-key does not work on HP-UX systems. To navigate the menu system, use the mouse.
- On Solaris and HP-UX systems, pressing the ENTER key will always select the default button even if the focus is set to a different button.
- On HP-UX systems, closing a dialog box does not reset the input focus of that dialog box's controls. As a result, when the dialog box is re-displayed, the input focus is still set to the button or field that had the input focus when the dialog box was closed.
- On multi-core CPUs running Windows OS, it is advisable to set the process affinity of AlliedView-EMS applications to a single CPU. Failing to do so may result in unpredictable behavior occurring within the applications.

### 2. Device Manager

- Device Manager is designed to run on JRE1.4.1 on Windows, Solaris, and HP-UX. Do not use other versions of JRE or JDK.
- To set/get MIB variables using SNMP, Device Manager must be configured to use the appropriate SNMP settings. Ask your Network Administrator for the correct SNMP settings set for each device. When accessing the device using SNMPv1/SNMPv2c, only the community settings are needed. When accessing the device using SNMPv3, the values for the following parameters should be provided:
  - User name
  - Security level
  - Authentication protocol
  - Authentication password
  - Privacy protocol
  - Privacy password
- Displaying several MIB variables simultaneously may cause delays in screen updates. When this happens, increase the value of the polling interval. The system environment may also cause delays in screen updates. Increasing the value of the polling interval will fix this problem.
- Running several instances of Device Manager may lead to deterioration in system performance. If this happens, you may need to terminate other processes or upgrade the system to accommodate multiple instances of Device Manager.

- Depending on the system being used, displaying information for several ports concurrently may cause the performance of the application to slow down. As more ports are selected, it takes longer to retrieve all the information. To improve application performance, increase the value of the polling interval.
- Device Manager can only manage devices that are included in the list of supported devices (See [Supported Devices and Software Versions](#) section.). If an unsupported Allied Telesis product is set as the target device, the main panel window may open but device management cannot be performed. If a device from another vendor is selected, the main panel will not be displayed at all.
- The standard Telnet application on Windows 2000, Windows XP, and Windows 2003 cannot be started from within Device Manager. Use the HyperTerminal application instead. To configure the Telnet external command within Device Manager to use Hyperterminal, select Option > Option to open the Options window. Choose the External Command tab and specify the path where the executable for Hyperterminal is located (e.g. C:\Program Files\Windows NT\hypertrm.exe /t).
- When launching Device Manager, it may take a while before the common graphical user interface (GUI) is displayed. This is due to the changes being made by Device Manager to the system environment being used.
- There may be instances when the display of the dialog box forms and button texts are different. This is due to the "look and feel" and system environment settings.
- You cannot click on the OK button of a message box (e.g. trap message box) displayed on top of a modal dialog box (e.g. Target Host Property). To close the message box, press <ENTER> or <SPACE> on the keyboard or close the dialog box first then click on the OK button of the message box.
- After inserting a GBIC into a GBIC slot on a device or expansion module, the image of the GBIC port will not be automatically displayed within the device image. To view the status of the GBIC port within Device Manager, select View > Refresh.
- In UNIX, when the name of the parameter assigned to the x-axis of a line graph or bar chart is displayed as an item number, it may be difficult to view the table items. Drag and resize the column boundaries to view the table items.
- Even if you set the SNMPc Read and Read/Write Access Modes to "SNMP V2c", double clicking on an ATI device icon in SNMPc will open the target device in Device Manager in SNMP v1 mode.

### 3. AMIGO

- AMIGO can obtain MIB variable values by group. However, depending on the size of the MIB group, it may take a while for AMIGO to gather all the MIB values. For example, if the mib-2 node is selected, AMIGO will obtain all MIB variable values

under the mib-2 subtree, which could take a while. It is therefore advisable to select only the necessary nodes when doing a MIB Get operation.

## 4. VLAN Manager

- VLAN Manager will not work for AT-8400 devices running on AT-S60 v2.1.0 NE firmware. To be able to use VLAN Manager with AT-8400, use firmware version AT-S60 v2.0.1 NE or lower.
- To be able to use VLAN Manager with the Rapier 16Fi/MT, use firmware release 2.9.1-11h1 or later.
- VLAN Manager does not support the AT-8000/8POE in this release.
- On HP-UX systems, VLAN Manager requires a minimum of 110MB of available memory when used with an AT-8000S device.

## 5. QoS Manager

- QoS Manager currently supports the following devices:
  - AT-8000S Series
  - AT-8600 Series
  - AT-8800 Series
  - AT-9000/24
  - AT-9400 Series
  - AT-x900-24X Series
  - AT-x900-48 Series **new!**
  - Rapier 24i
  - Rapier 48w **new!**
  - SwitchBlade Series



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