



AT-WA7400/EU Version 1.17B Software Release Notes for the AT-WA7400 Wireless Access Point Management Software

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

Supported Platforms

The AT-WA7400/EU Management Software is supported on the AT-WA7400 Wireless Access Point.

Product Documentation

For hardware installation instructions, refer to the following guide:

- AT-WA7400 Wireless Access Point Installation Guide*

For management instructions, refer to the following guide:

- AT-WA7400/EU Management Software User's Guide*

These documents are available from the Allied Telesis web site at www.alliedtelesis.com.

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What's New in Version 1.17B?

This section describes what's new in AT-WA7400/EU version 1.17B.

Resolved Issues

- The Radio RX debug statement has been removed.

New Features

- No new features are introduced in this version.

Features History

This section contains the history of new features in the AT-WA7400/EU management software.

Version 1.17A

- No new features were introduced in this version.

Version 1.16G

- No new features were introduced in this version.

Version 1.16D

- No new features were introduced in this version.

Version 1.15B

- Bridging networks:** The “Bridge with” selection in the Wireless Distribution System page has been changed to accommodate private (virtual) networks. In previous versions the selection was used to bridge the internal (default) network across multiple access points. It now performs the same function for private networks.

The new selections in the “Bridge with” pull-down menu are:

- Internal Network
- Private Network 1
- Private Network 2

This figure illustrates the page with the revised pull-down menu:

The screenshot shows a configuration page titled "Configure WDS bridges to other access points". The form includes the following fields and options:

- Radio:** One (dropdown)
- Local Address:** 00:0C:46:CF:26:F8
- Remote Address:** (empty text box)
- Bridge with:** Internal Network (dropdown menu is open, showing options: Internal Network, Private Network 1, Private Network 2)
- WEP:** Disabled
- Key Length:** 128 bits (radio button selected), 152 bits (radio button)
- Key Type:** ASCII (radio button), Hex (radio button selected)
- Characters Required:** (empty text box)
- WEP Key:** (empty text box)

When using this feature, observe the following guidelines in the *AT-WA7400/EU Management Software User's Guide*:

- ❑ This change relates to the procedure “Configuring WDS Settings”.
- ❑ The “WDS Guidelines” still apply.
- ❑ The Remote Address parameter in the WDS page (shown in figure above) has to specify the MAC address of the radio interface in the remote access point to where the private network is being bridged.
- ❑ To create private networks, refer to the section on “Configuring VLANs”. The selections One and Two for the Virtual Wireless Network parameter in the Virtual Wireless Network page correspond to Private Network 1 and Private Network 2, respectively.
- ❑ To activate the virtual wireless networks feature on the access point, refer to the procedure “Enabling or Disabling Virtual Wireless Networks on the Access Point”. The “Bridge with” menu in the Wireless Distribution System page (shown in the figure on page 2) will not include the Private Network selections if virtual networks are disabled.

Note:

Intensive use of this feature may reduce the overall performance of the wireless access point because of the feature’s CPU utilization.

Version 1.12K

- ❑ **Secured management VLAN:** Added a secured management VLAN to enhance security and management to the web browser, Telnet, and SNMP interfaces. (You can only access the management interface through the wired Ethernet port.) The default mode for the secured management VLAN is disabled.
- ❑ **Reset command:** The reset command in the CLI has been changed to reset the WA-7400 to the factory default values to be consistent with the hardware reset, which erases configuration data in flash memory. In previous versions, the CLI command reset the parameters to their factory default settings but did not necessarily erase other configuration data in flash memory.

Version 1.11.06c

- ❑ The 802.11a radio is now enabled.
- ❑ You can now specify different security settings for each radio.
- ❑ You can now perform a remote firmware upgrade using an SNMP manager.
- ❑ You can now remotely obtain wireless client information using SNMP. This information may include but is not limited to: MAC address, user name, location, rate, signal, and utilization.
- ❑ You can now remotely poll 802.1x parameters including: authentication mode, server type, server port, server IP, and server key.
- ❑ Added 802.11a band C capabilities.
- ❑ An event log event is now generated when the NTP client synchronizes with the PC.
- ❑ IAPP and IAPP-Multiple SSID are now supported.
- ❑ You can now specify the IP address of a specific client that will manage the access point.
- ❑ You can now configure 802.11a radar detection.
- ❑ You can now enable or disable daylight saving time checking by the NTP server.
- ❑ The Malaysia regulatory domain is now supported.
- ❑ You can prevent wireless clients from managing the access point.

Version 1.07 to 1.09

- You can now configure the copper port.
- Country domains are now supported.
- Added commands to the command line interface to allow different basic rates for the wireless radio.
- The maximum number of ACL entries is now 1024.
- Added an option to change the RADIUS port number.
- When there is no Telnet traffic for 3 minutes, the session times out.
- If an HTTP session is idle for 5 minutes, a prompt is displayed for you to log out from the system.
- A logout page has been added.
- In order to implement WMM setting changes, you must reboot the access point.

History of Resolved Issues

This section lists the resolved issues in the AT-WA7400/EU management software.

Version 1.17A

- The noise interference issue occurring on 802.11g channel 1-4 has been fixed.
- The rate selection 1M/2M check boxes of web 11g radio page have been fixed.

Version 1.16G

- Corrected an issue with the HOSTAPD entering an unknown state when receiving an invalid WPA-PSK passphrase. Invalid passphrase no longer affects HOSTAPD performance.
- Decrease boot startup time by checking state of HOSTAPD before a reload or a restart of the HOSTAPD process.
- Corrected low AP-STA throughput issue with certain wireless adapters.

Version 1.16D

- When wireless user logged out from AT-WA7400 management GUI, the radio would reset and drop the wireless connection. This issue has been corrected. You can now logout of management from a wireless client without resetting the wireless network.
- Under heavy wireless network traffic there were conditions when the wireless clients would disassociate and require re-association. This issue was resolved by decreasing the low-level driver utilization. As a result, the host pad will have time to respond to management frames.
- The Daylight Savings default configuration has been changed to disable (previously it was enabled).
- The sequence of Virtual LAN configuration has been corrected. Previously for the virtual LAN configuration, Virtual LAN 1 had to be configured before Virtual LAN 2. This issue had been resolved and Virtual LANs can be configured in any order.
- The Vlan ID is now a shared setting within the Cluster Management.
- Clustering reliability has been improved.

Version 1.12K

- Backup and restore:** The backup and restore configuration process now includes backing up and restoring the device's IP address and password.
- Foxfire browser:** The NTP web browser page has been updated to work with the Foxfire web browser.

- ❑ **Daylight saving time:** When daylight saving time is enabled, the WA-7400 no longer enters into a failed state.
- ❑ **Clustering:** The WA-7400 can now successfully cluster up to eight access points.
- ❑ **DHCP addresses:** DHCP addresses are now received correctly.

Version 1.11.06c

- ❑ **Firmware upgrade.** After a firmware upgrade, a message incorrectly stated that the system was returned to the factory defaults. This message has been corrected to state that all settings are retained after the upgrade.
- ❑ **CLI password command.** Special characters are no longer allowed when you configure the system password using the CLI.
- ❑ **ACL greater than 1,000 clients.** When the ACL contains more than 1,000 clients, the AT-WA7400 no longer hangs.
- ❑ **Verifying the NTP server.** The system automatically verifies the existence of the stated NTP server.

Version 1.09

- ❑ **Illegal channel frequency.** If a channel and regulatory domain are incompatible, the channel parameter is set to "Auto" and the correct channel is assigned.
- ❑ **RADIUS server log.** The timestamp for messages sent to the accounting server is now correct.

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**.

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**.

For Sales or Corporate Information

You can contact Allied Telesis for sales or corporate information through our web site at **www.alliedtelesis.com**.

Obtaining Management Software Updates

New releases of management software for our managed products are available from the following Internet sites:

- Allied Telesis web site: **www.alliedtelesis.com**
- Allied Telesis FTP server: **<ftp://ftp.alliedtelesis.com>**

If the FTP server prompts you to log on, enter "anonymous" as the user name and your email address as the password.

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