Allied Telesis™

AT-TQ v3.4.1 Series Wireless Access Points
Software Release Notes

Please read this document before using the management software. The document has the following sections:

Note:
The firmware passed the testing program for Global Availability and is approved for use in live or production environments.

Supported Platforms

Version 3.4.1 Series management software is supported on the following AT-TQ Series access points:

❒ AT-TQ2450   (P/N: 990-003821-00)

❒ AT-TQ2450-60   (P/N: 990-003821-60)

❒ AT-TQ3600   (P/N: 990-003881-00)

❒ AT-TQ4400e   (P/N: 990-004879-00)

❒ AT-TQ4400e-01 (P/N: 990-004879-01)

❒ AT-TQ4600   (P/N: 990-004633-00)

❒ AT-TQ4600-01   (P/N: 990-004633-01)

For instructions on how to upgrade the management software on the access points, refer to the latest version of the AT-TQ Series Management Software User's Guide, available on the Allied Telesis web site at www.alliedtelesis.com.

Management Software Filenames

Refer to the table for the filenames of the management software for your access points.

Table 1: Management Software Filenames

AT-TQ2450	AT-TQ2450-3.4.1.b01.img
AT-TQ2450-60	AT-TQ2450-3.4.1.b01.img

Table 1: Management Software Filenames (Continued)

AT-TQ3600	AT-TQ3600-3.4.1.b01.img
AT-TQ4400e	AT-TQ4400e-3.4.1.b01.img
AT-TQ4400e-01	AT-TQ4400e-3.4.1.b01.img
AT-TQ4600	AT-TQ4600-3.4.1.b01.img
AT-TQ4600-01	AT-TQ4600-3.4.1.b01.img

Enhancement

The release added the following enhancement:

❒ The UWC wireless controller v3.4.0 is able to manage the access point v3.4.1.

Resolved Issues

The following issues are resolved in this release:

❒ AT-TQ4600 model abnormal shutdown - The AT-TQ4600 model shutdown abnormally during boot-up or did not boot up. This issue is resolved.

❒ Access point abnormal shutdown - A WDS-enabled access point shut down unexpectedly when more than two clients tried to connect to the access point approximately at the same time. This issue is resolved.

❒ Logging radar detection - A radar detecting event was not recorded in the event log when the access point was WDS-enabled. This issue is resolved.

❒ Socket buffer - The socket buffer in the access point was exhausted when exchanging heavy load of network traffic with a client, which is sensitive to power saving.

❒ The operational channel of the AT-TQ4400e model was able to be changed after a DFS radar detection event occurred even when the model was in the Optional Antenna mode. This issue is resolved.

Known Issues

Here are the known issues in this release.

❒ SNMP walk - Performing an SNMP walk on an access point in a heavy traffic environment.might cause the unit to stop forwarding traffic.

❒ RADIUS accounting - The access point assigns the same RADIUS accounting session ID number to a client that leaves and reconnects within three seconds.

❒ View Neighboring Access Points windows - The Neighbor Details window for cluster members does not display the VAP1-15 SSID numbers. The Neighbor Details window for non-cluster members does include the SSID numbers.

❒ Dynamic VLANs and IEEE 802.1x authentication - Wireless clients who are assigned their VIDs from a RADIUS server and are authenticated with IEEE 802.1x might require two attempts to successfully connect to the network.

❒ Maximum frame size - The access point can handle packets up to 1549 bytes. The access point discards packets equal to or larger than 1550 bytes.

❒ LAN port - The access point might drop packets on the radios when the LAN port is operating at 100% capacity.

❑ UWC and channel lists - The access point does not validate channel lists from a UWC. An access point might operate in an unpredictable manner if it receives an incompatible channel list from a UWC.

❑ Network Time Protocol (NTP) client - When the NTP client is enabled, the access point synchronizes its time with the server whenever its IP address lease on a DHCP server expires, even when it is assigned the same IP address.

❑ Error packet counter - The error packet counter does not work correctly.

❑ Wireless Distribution System (WDS) bridge and MAC address filter - Do not use the MAC address filter on an access point that is part of a WDS bridge. The filter might not work correctly.

❑ Legacy Rate Sets - It might not be possible to ping an access point that has four enabled Legacy Rate Sets. This issue does not occur when an access point has greater or less than four enabled Legacy Rate Sets.

❑ WDS bridge and VAP0 encryption - Access points of a WDS bridge that have different encryption settings on their VAP0 VLANs might transmit unnecessary packets.

❑ Cluster feature - All the access points of a cluster should be the same model and have the same version of operating system. Otherwise, the cluster might not operate correctly.

❑ IEEE 802.11a/n/ac - You must reset the AT-TQ4400e or AT-TQ4600 access point when you change the 5 GHz radio from IEEE 802.11a to IEEE 802.11a/n/ac.

❑ Country setting - You must reset the access point after changing the country setting. A new country setting does not take effect until the unit is reset.

❑ Cluster feature - Clusters should not have more than sixteen units. Clusters with more than sixteen units may experience problems.

❑ WPA/WPA2 Enterprise - Authentications of wireless clients who roam across different VLANs might fail if the VLAN security is WPA or WPA2 Enterprise and the RADIUS server is using the Network Access Protection facility.

❑ Primary and secondary images - If the primary operating system image on the access point is v1.2.0 or earlier and the secondary image is v2.0.1 or later, switching the images with the Switch button in the Manage Firmware window automatically disables the following features:

— Modulation and Coding Scheme (MCS) data rate setting in the Modify Radio Settings window.

— WDS Managed Mode setting in the Configure Managed Access Point Parameters window

— WDS Managed Ethernet Port setting in the Configure Managed Access Point Parameters window

❑ Management Framework (AMF) v5.4.6-01 - AT-TQ Series access points with management software v3.3.0 or later are not fully compatible as guest nodes with AMF v5.4.6-01.

Contacting Allied Telesis

If you need assistance with this product, you can contact Allied Telesis technical support by going to the Support & Services section of the Allied Telesis web site at **www.alliedtelesis.com/support**. You can find links for the following services on this page:

❑ 24/7 Online Support — Enter our interactive support center to search for answers to your product questions in our knowledge database, to check support tickets, to learn about RMAs, and to contact Allied Telesis technical experts.

❑ USA and EMEA phone support — Select the phone number that best fits your location and customer type.

❑ Hardware warranty information — Learn about Allied Telesis warranties and register your product online.

❑ Replacement Services — Submit a Return Merchandise Authorization (RMA) request via our interactive support center.

❑ Documentation — View the most recent installation and user guides, software release notes, white papers, and data sheets for your products.

❑ Software Downloads — Download the latest software releases for your managed products.

For sales or corporate information, go to **www.alliedtelesis.com/purchase** and select your region.