



## AT-TQ6602 Wireless Access Point Version 7.0.0-1.3 Software Release Notes

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

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### Firmware File

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The firmware filename for the AT-TQ6602 Version 7.0.0-1.3 access point is:

- ❑ AT-TQ6602-7.0.0-1.3.img

For instructions on how to upgrade the management software on the AT-TQ6602 wireless access point, see the *AT-TQ6602 Wireless Access Point Management Software User’s Guide*, available on the Allied Telesis Inc. website at [www.alliedtelesis.com/library](http://www.alliedtelesis.com/library).

### New Features

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The following new features are added to the AT-TQ6602 Version 7.0.0-1.3 access point:

- ❑ Auto Channel Selection
- ❑ Neighbor AP Detection
- ❑ AWC Calculation Result Application

Limitation: When applying an AWC Calculation result, the access point disconnects an STA even if a setting, such as power setting, is changed.

## Resolved Issues

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The following issues were resolved in Version 7.0.0-1.3 for the AT-TQ6602 wireless access point:

- ❑ The access point might have issued duplicate disassociation log messages.
- ❑ The access point included a security key in log messages.
- ❑ MAC Filtering didn't work when the access point was managed by the AT-Vista Manager EX AWC Plug-in.
- ❑ When the access point rebooted, it issued an error log.
- ❑ The copyright label was displayed over the Save & Apply button on some pages.
- ❑ The access point randomly failed to send the Power Table report to the AT-Vista Manager EX AWC Plug-in.
- ❑ Only 11 VAPs per Radio could be enabled. The 12th to 15th enabled VAPs were not supported.

## Known Issues

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Here are the known issues for the AT-TQ6602 Version 7.0.0-1.3 management software:

- ❑ The client's User ID and password are *not* included in the technical support file.
- ❑ The access point might save an empty value for the Secondary RADIUS Server Key even when it is entered properly.
- ❑ The access point might send NTP packets before receiving its IP address from DHCP servers.
- ❑ Even when MAC filtering denies a wireless client's access to the access point, it might *not* issue a log about the event of disassociation.
- ❑ When a wireless client's password includes the "%" symbol, the access point does *not* allow the wireless client to connect to a WEP VAP.
- ❑ An NTP process might start randomly.
- ❑ The access point issues an error log when a radio interface starts up.
- ❑ The access point issues an error log when the technical support file is downloaded.
- ❑ The access point might issue duplicated logs when radar is detected.
- ❑ When Band steering is enabled on Radio1 and Hidden SSID is enabled on VAPs, the access point does *not* allow wireless clients to connect to the VAPs on Radio1.
- ❑ The TX and RX rates on the Associated Clients value are displayed incorrectly.
- ❑ An ad hoc device is displayed as an AP in the type field on the Neighbor AP page.
- ❑ A wireless client fails to connect to the access point when using PMKSA cache.
- ❑ The access point issues an error log when the firmware is upgraded or the access point is reset to the Factory Default.
- ❑ The access point issues an error log when a Radio status setting is changed.

- ❑ The access point might send a Neighbor AP detection report without an SSID to the AT-Vista Manager.
- ❑ Multiple unicast de-authentication packets are sent to the Radio 2 interface when an STA is disconnected due to a setting change.
- ❑ The access point issues the scale of Neighbor AP with a high score.

## Limitations

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Here are the limitations for the AT-TQ6602 Version 7.0.0-1.3 management software:

- ❑ Changing the RTS threshold value is *not* supported.
- ❑ The 80+80 MHz option for the Bandwidth (Radio2) is *not* supported.
- ❑ OFDMA is *not* supported.
- ❑ Zero Wait DFS is *not* supported.
- ❑ WDS is *not* supported.
- ❑ IEEE802.11r Fast Roaming is *not* supported.
- ❑ Proxy ARP is *not* supported.
- ❑ Neighbor Managed AP Detection, which is operated by AT-Vista Manage EX Management, is *not* supported for the access point.
- ❑ Displaying of Client Traffic Counter, which is operated by AT-Vista Manage EX Management, is *not* supported for the access point.
- ❑ When applying an AWC Calculation result, the access point disconnects an STA even if a setting, such as power setting, is changed.
- ❑ AWC Plug-in does *not* support the AT-TQ6602 access points and other models in the same management group.
- ❑ Wireless clients are *not* able to connect via the Radio 1 interface in certain conditions. Allied Telesis verified that this behavior occurs when the number of enabling VAPs of Radio 1 and number of surrounding APs (BSSID) exceed the numbers shown in the table.

Number of Enabling VAPs	Number of Surrounding APs (BSSID)
1	120
3	95
5	75
10	55
16	35

In real environments, this behavior may occur even if the numbers are not exceeded. It is likely caused in conditions when the wireless spatial is congested by low-rate packets.

## Supported Countries

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The AT-TQ6602 access point version 7.0.0-1.3 management software added the following new countries:

- Malaysia
- Hong Kong
- Thailand
- Singapore

The following countries have been supported:

- Australia
- European Union (EU) member countries
- Japan
- New Zealand
- United Kingdom (UK)
- United States of America (USA)

## Contacting Allied Telesis

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

- ❑ Helpdesk (Support Portal) - Log onto Allied Telesis interactive support center to search for answers to your questions in our knowledge database, check support tickets, learn about Return Merchandise Authorizations (RMAs), and contact Allied Telesis technical experts.
- ❑ Software Downloads - Download the latest software releases for your product.
- ❑ Licensing - Register and obtain your License key to activate your product.
- ❑ Product Documents - View the most recent installation guides, user guides, software release notes, white papers and data sheets for your product.
- ❑ Warranty - View a list of products to see if Allied Telesis warranty applies to the product you purchased and register your warranty.
- ❑ Allied Telesis Helpdesk - Contact a support representative.

To contact a sales representative or find Allied Telesis office locations, go to **[www.alliedtelesis.com/contact](http://www.alliedtelesis.com/contact)**.

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