Allied Telesis™

TQ6602 Wireless Access Point
Version 7.0.1-2.7 Software Release Notes

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

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Firmware File

The firmware filename for the TQ6602 version 7.0.1-2.7 access point is:

- ❑ AT-TQ6602-7.0.1-2.7.img

For instructions on how to upgrade the firmware on the TQ6602 access point, see the *TQ6602 Wireless Access Point Management Software User's Guide* at **www.alliedtelesis.com/library.**

Resolved Issues

The following issues were resolved in Version 7.0.1-2.7 for the TQ6602 wireless access point:

- ❑ Wireless clients might have been disconnected when Airtime Fairness was enabled.
- ❑ OFDMA could have been enabled accidentally. Being accidentally enabled OFDMA might have caused the access point to reboot.
- ❑ MIB objects could have used "private" as a community name, which a user did not set.
- ❑ When detecting an error in the wireless chip, the access point runs the recovery process in normal operations; however, the access point might have been repeating the recovery process and have been caused to disconnect wireless clients as a result.
- ❑ The access point might have rebooted when 802.11v was enabled.

Known Issues

Here are the known issues for the TQ6602 version 7.0.1-2.7 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.
- ❒ When a wireless client's password includes the "%" symbol, the access point does not allow the wireless client to connect to a WEP VAP.
- ❒ The access point issues an error log when a radio interface starts up.
- ❒ 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 page 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 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 Vista Manager.
- ❒ Multiple unicast de-authentication packets are sent to the Radio 2 interface when a wireless client is disconnected due to a setting change.
- ❒ The access point might detect radar incorrectly.
- ❒ The access point displays the Neighbor AP with WEP security to None.
- ❒ The access point might issue a radar detection log when the channel is changed.
- ❒ The access point displays WPA3 Enterprise (GCMP) as WPA3 Enterprise (CCMP) on the Neighbor AP page.
- ❒ The No Acknowledgment field on QoS page displays empty even when WiFi Multimedia (WMM) is selected Disabled.
- ❒ The access point issues a detect beacon transmission log when the configuration of the access point is changed.
- ❒ The access point shuts down when multiple AMF-Security IP addresses or a secret key is set to each VAP.
- ❒ When access points includes VAPs with WPA2 and WPA3 versions in the WPA Enterprise mode, they are not displayed on the Neighbor AP list.
- ❒ You cannot select Saturday as a daylight saving end day when using Vista Manager EX.
- ❒ When wireless clients send QoS null function frames, Channel Blanket VAPs do not hand over the wireless clients. For Channel Blanket VAPs to hand over wireless clients, they need to send data frames.

Limitations

Here are the limitations for the TQ6602 version 7.0.1-2.7 management software:

❑ Zero Wait DFS is not supported.

❑ Displaying of Client Traffic Counter, which is operated by Vista Manager EX, is not supported for the access point.

❑ Wireless clients may not be able to connect via the Radio 1 interface in certain conditions. Allied Telesis verified that this behavior occurs when the number of enabled 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.

Limitations on Channel Blanket

The Channel Blanket feature has the following limitations:

Limitations on the Access Point

❑ Band Steer is not supported.

❑ Neighbor AP Detection is not supported.

❑ All access points on Channel Blanket need to have the same Radio settings.

❑ Association Advertisement is not supported.

Limitations on the Blanket Radio Interface

❑ The value of the RTS Threshold cannot be changed.

❑ Airtime is not supported.

❑ OFDMA is not supported.

❑ MU-MIMO is not supported.

Limitations on Channel Blanket-enabled VAP

❒ The value of the Broadcast Key Refresh Rate cannot be changed.

❒ The value of the Session Key Refresh Rate cannot be changed.

❒ The value of the Session Key Refresh Action cannot be changed.

❒ RADIUS Accounting is not supported.

❒ Fast Roaming is not supported.

❒ Dynamic VLAN is forced to be disabled.

❒ The Session-Timeout RADIUS attribute is forced to be disabled.

❒ The value of the Inactivity Timer cannot be changed.

❒ IEEE802.11w(MFP) needs to be disabled.

Limitations on the Blanket Settings

❒ The Management VLAN ID and Control VLAN ID cannot be specified to the same VLAN.

❒ The VAP VLAN ID and Control VLAN ID cannot be specified to the same VLAN.

Limitations on the Blanket Behavior

❒ When the access point is turned off or rebooted, it takes approximately two minutes to restore the communication with wireless clients that is connected to the access point.
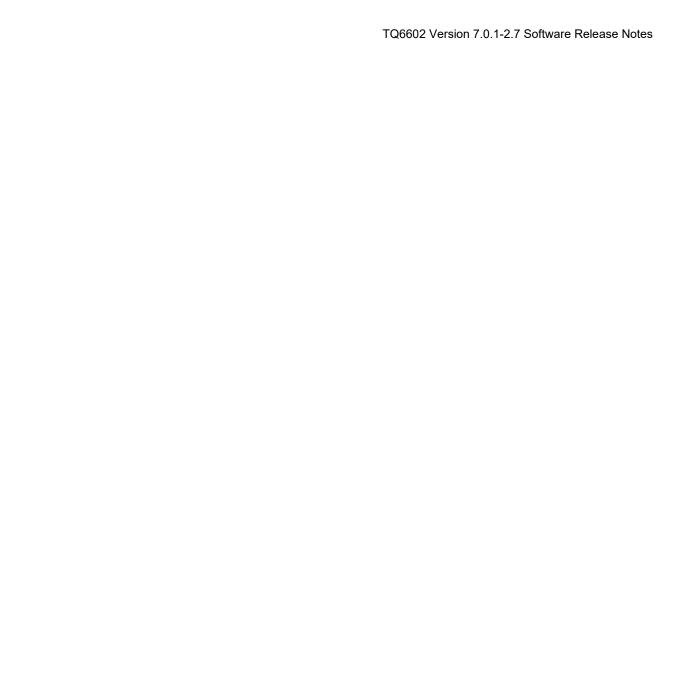
Supported Countries

Version 7.0.1-2.7 continues to support the following countries:

❒ Australia

❒ Austria

❒ Belgium

❒ Bosnia and Herzegovina

❒ Bulgaria

❒ Canada

❒ China

❒ Croatia

❒ Cyprus

❒ Czech Republic

❒ Denmark

❒ Estonia

❒ Finland

❒ France

❒ Germany

❒ Gibraltar

❒ Greece

❒ Hong Kong

❒ Hungary

❒ Iceland

❒ India

❒ Ireland

❒ Italy

❒ Japan

❒ Latvia

❒ Liechtenstein

❒ Lithuania

❒ Luxembourg

❒ Macedonia

❒ Malaysia

❒ Monaco

❒ Montenegro

❒ Netherlands

❒ New Zealand

❒ Norway

❒ Poland

❒ Portugal

❒ Romania

❒ Serbia

❒ Singapore

❒ Slovakia Republic

❒ Slovenia

❒ Spain

❒ Sweden

❒ Switzerland

❒ Taiwan

❒ Thailand

❒ Turkey

❒ Ukraine

❒ United Kingdom

❒ United States

❒ Viet Nam

Contacting Allied Telesis

For more information, go to **www.alliedtelesis.com**.