



## TQ7403 Wireless Access Point Version 10.0.4-2.1 Software Release Notes

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

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### Supported Platform

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The following access point supports version 10.0.4-2.1:

- TQ7403

The firmware filename is:

- AT-TQ7403-10.0.4-2.1.img

For instructions on how to upgrade the management software on the TQ7403 wireless access points, see the *TQ7403 Wireless Access Point Installation Guide*, available on the Allied Telesis Inc. website at [www.alliedtelesis.com/library](http://www.alliedtelesis.com/library).

### New Features

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Here are the new features for the TQ7403 access point version 10.0.4-2.1:

- AWC-CB is supported in combination with AT-Vista Manager EX version 3.12.2 or later.
- AT-TQ7403 supports AWC-CB with Radio1, Radio2 and Radio3.

## Resolved Issues

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Here are the limitations for the TQ7403 access point version 10.0.4-2.1:

- ❑ Invalid numbers for VLAN ID starting with "0" were allowed to be saved & applied instead of rejected.
- ❑ The Proxy ARP feature stopped when one wireless client would send Neighbor Solicitation frames with 8 different ipv6 address.

## Known issues

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Here are the known issues for the TQ7403 access point version 10.0.4-2.1

- ❑ The Radar Detecting Channel List is cleared when a radio setting is changed.
- ❑ The LAN port takes approximately 30 seconds to start communications after it links up.
- ❑ The LAN port on the access point that is powered from the AC adapter takes approximately one minute to link up when the Ethernet cable is disconnected and connected.
- ❑ The access point transmits the following illegal frames to the Ethernet port on the link partner when PORT2 is in the Cascade mode:
  - The Source MAC address and Destination MAC addresses are the same.
  - The Source MAC Address is a broadcast address.
- ❑ On the Legacy Rates on the Advanced Settings page for Radios, you must deselect rates lower than the selected minimum basic rate.
  - The basic rate for Radio 1 can be 1, 2, 5.5, or 11.
  - The basic rate for Radio 2 can be 6, 12, or 24.
- ❑ On the Neighbor AP page in Monitoring, the security is displayed as WEP even when the security is set to OSEN. OSEN is a security option and can be selected when Passpoint is enabled.
- ❑ Communications via IPv6 fail on VAPs with Dynamic VLAN enabled when IP auto-configuration of IPv6 Router Advertisement is enabled.
- ❑ Even when only the primary RADIUS server is specified, a following log might be issued: "RADIUS No response from Authentication server IP ADDRESS:PORT - failover."
- ❑ If a wireless client in the power saving mode does not respond to the access point, it disconnects the wireless client even before the inactivity timer expires.
- ❑ When the access point is configured as a part of the Wireless Distribution System (WDS), enabling both MAC Access Control and Fast Roaming (IEEE802.11r) on the access point is not supported.
- ❑ The access point with Management VLAN Tag enabled and VLAN ID set to 1 continues to communicate for several minutes even after the VLAN setting of the port on the switch connected to the access point is changed from Tagged 1 to Untagged 1.
- ❑ Single-byte spaces can be entered in the URL field for Captive Portal.
- ❑ When IEEE802.11k is enabled, for some access points with Hidden SSID enabled, information is not shared correctly.

- ❑ A wireless client's RX rate is shown as rounded down on Vista Manager EX.
- ❑ If an IP address is assigned from a DHCP server with a DHCP lease time of 1 minute or less, the AMF guest node feature will not work.
- ❑ [AWC-CB] The AP may reboot when a network loop occurs. In addition, the AP would not output any syslogs.
- ❑ [AWC-CB] When the AP disconnects wireless client by "Disconnection No ACK" after hand-over, the AP does not send deauth frame to Radio3's VAP.
- ❑ [AWC-CB] The AP would sometimes output an error log which includes "softirq: huh, entered softirq".

## Limitations

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Here are the limitations for version 10.0.4-2.1:

- ❑ Wireless Distribution System (WDS) and MU-MIMO / OFDMA cannot be enabled at the same time.
- ❑ When Dynamic VLAN is enabled, SNMP cannot get the value of OID 1.3.6.1.2.1.17.4.3.1.1 (MAC address information).
- ❑ Fast Roaming with Enabling Over the DS on Radio3 (6GHz) is not supported.

## Limitations Combination with Channel Blanket (AWC-CB)

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Here are the limitations when using Channel Blanket (AWC-CB):

- ❑ Limitations on the access point:
  - Enabling Band steer on the access point is not supported.
  - The Change Duplicate AUTH received setting is not supported.
  - Only Duplicate AUTH:ignore is supported.
  - The same radio settings are required on all access points under Channel Blanket.
  - Enabling WDS is not supported.
  - Enabling AMF Application Proxy is not supported.
  - Enabling AWC-SC VAP is not supported.
- ❑ Limitations on enabling Blanket Radio Interface:
  - Changing the RTS setting is not supported.
  - Enabling Airtime Fairness is not supported.
- ❑ Limitations on Enabling Channel Blanket VAP:
  - Changing Broadcast Key Refresh Rate is not supported.
  - Changing Session Key Refresh Rate is not supported.
  - Changing the Session Key Refresh Action setting is not supported.
  - Enabling RADIUS Accounting is not supported.
  - Pre-authentication is forced to be disabled.
  - The Session-Timeout RADIUS attribute is forced to be disabled.

- Changing Inactivity Timer is not supported.
- IEEE802.11w (MFP) should be disabled.
- ❑ Limitations on the Channel Blanket settings:
  - Setting Management VLAN ID and Control VLAN ID is not supported.
  - Setting VAP VLAN ID and Control VLAN ID is not supported.
- ❑ Limitations on Channel Blanket behavior:
  - Communications of wireless clients are affected when the access point is turned off or rebooted.

## **Specifications for Combination with Channel Blanket**

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Here are specifications on the access point with Channel Blanket (AWC-CB):

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### **Note**

The following specifications do not apply to TQ5403, TQ5403e and TQ6602 using Channel Blanket

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- Vista Manager EX applies the Channel Blanket profile settings to the access point for the first time.
- Vista Manager EX applies the Channel Blanket profile settings to the access point in standalone.
- Vista Manager EX removes the access point from Channel Blanket.

The following log is issued when the access point reboots for the above reasons:

```
cwmd[xxx]: CWM: APMgr[xxx]: AP XX:XX:XX:XX:XX:XX reboots for applying configuration
```

## **Supported Countries**

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The TQ7403 access point continues to support the following countries:

- ❑ Australia
- ❑ Austria
- ❑ Belgium
- ❑ Bulgaria
- ❑ Canada
- ❑ Croatia
- ❑ Cyprus
- ❑ Czech Republic
- ❑ Denmark
- ❑ Estonia
- ❑ Finland

- France
- Germany
- Greece
- Hong Kong
- Hungary
- Ireland
- Italy
- Japan
- Latvia
- Lithuania
- Luxembourg
- Malaysia
- Malta
- Netherlands
- New Zealand
- Poland
- Portugal
- Romania
- Singapore
- Slovakia Republic
- Slovenia
- Spain
- Sweden
- Thailand
- United Kingdom
- United States

## Contacting Allied Telesis

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If you need assistance with this product, visit the Allied Telesis website at [www.alliedtelesis.com/services](http://www.alliedtelesis.com/services).

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