



TQ7403 Wireless Access Point Version 10.0.4-0.1 Software Release Notes

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Supported Platform

The following access point supports version 10.0.4-0.1:

- TQ7403

The firmware filename is:

- AT-TQ7403-10.0.4-0.1.img

New Features

Here are the new features for the TQ7403 access point version 10.0.4-0.1:

- Vista Manager EX
 - The access point can be configured using the Vista Manager EX version 3.12.0 or later.
- Airtime Fairness Percentage Control on each VAP
 - The Manual option for Airtime Fairness on a Radio page lets you specify the Airtime Fairness Percentage.
 - When Airtime Fairness is set to Manual, the Pre-allocated Airtime Percentage field becomes available on the Advanced Settings page on each VAP.
 - The Evenly option activates Airtime Fairness without specifying the Airtime Fairness Percentage. Evenly is the same as Enabled in the previous versions.
- HOST-RESOURCES-MIB for SNMP MIB
- The RTS Threshold value can be specified.
- Conversion from Multicast to Unicast

- ❑ AMF Application Proxy
AMF Application Proxy can be configured only by AT-Vista Manager.
- ❑ IEEE802.11r Fast Roaming with WPA Enterprise
IEEE802.11r Fast Roaming can function only under the Vista Manager Management.
- ❑ IEEE802.11r Fast Roaming with Disabling Over the DS on Radio3 (6GHz)

Enhancements

Here are the enhancements on Web Interface behaviors for the TQ7403 access point version 10.0.4-0.1:

- ❑ Selecting VAPs on VAP/Security page is improved.
 - When a VAP tab, which ranges from VAP0 to VAP15, on the VAP/Security page is selected, the VAP page is displayed accordingly.
- ❑ New settings on multiple VAPs can be saved and applied at once.
 - The Stash button is added to the VAP/Security pages.
 - To update the settings for multiple VAPs at once, press the Stash button after changing settings on each VAP, then press the Save & Apply button to save and apply the changes made to the VAPs.

Resolved Issues

Here are the limitations for the TQ7403 access point version 10.0.4-0.1:

- ❑ On the Neighbor AP page in Monitoring, when the security was set to Enhanced Open, the security was displayed as blank.
- ❑ DHCP occasionally assigned a different IP address when the configuration of the access point was changed.
- ❑ The access point did not issue exceed maximum wireless client connection logs.
- ❑ The access point occasionally failed to assign VLAN to wireless clients when they re-connected using Dynamic VLAN.
- ❑ When Static LAG was enabled, the access point might not have been able to communicate with wireless clients, who are roaming to another access point even though Association Advertisement was enabled.

Known Issues

Here are the known issues for the TQ7403 access points version 10.0.4-0.1:

- ❑ 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.
- ❑ To use the Passpoint feature, you must set required fields; however, the following required fields can be saved without any values:
 - NAI Realm information
 - Operator Friendly Name
 - OSU SSID
 - OSU Providers Server

Even though the access point issues the error message "One or more fields contain invalid values!," it still saves the settings without values.
- ❑ The access point did not send beacons on VAP15 when both Radio1 and Radio3 are enabled.

Supported Countries

The TQ7403 access point version 10.0.4-0.1 added the following new countries to support:

- Hong Kong
- Malaysia
- Singapore
- Thailand

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
- Hungary
- Ireland
- Italy
- Japan
- Latvia
- Lithuania
- Luxembourg
- Malta
- Netherlands
- New Zealand
- Poland
- Portugal
- Romania
- Slovakia Republic
- Slovenia
- Spain

- Sweden
- United Kingdom
- United States

Contacting Allied Telesis

If you need assistance with this product, visit the Allied Telesis web site at www.alliedtelesis.com/services.

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