



Qualcomm Technologies, Inc.

QACT 7.4 Release 00019

Release Notes

80-PG619-20 Rev. AA

November 3, 2021

For additional information or to submit technical questions, go to: <https://createpoint.qti.qualcomm.com>

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Revision history

Revision	Date	Description
AA	November 2021	Initial release

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1 Introduction

1.1 Purpose

This document provides information for QACT™ Platform 7.4 Release 00019. This release supports the following chipsets:

- SM8250.LA.1.0

1.2 Requirements

The system requirements for QACT installation include:

- Operating system – Windows 7 or XP
- Monitor – 1024 x 768
- Minimum 2.5 GHz processor speed
- Minimum 4 GB RAM
- Microsoft .NET 4.0 framework – The Microsoft .NET framework version is verified during installation. If .NET 4.0 is not detected, the installation application indicates the necessary requirements and aborts the installation.
- QPST server (through QPST installation)
- Trace32 (T32) debugger or QPST software download tool
- Android Debug Bridge (ADB) – Required for Linux Android™ (LA) builds
- ADK_QCC512x.WIN.6.2.0 – Required for support of QCC5121 and QCC3026 chipsets
- WHS Thesycon driver 4.40.0

1.3 Installation instructions

If you received this version of QACT in a self-extracting Zip file (for example, xxxxx.exe), you can install it as follows:

1. Select the **Run...** option from the Taskbar Start menu
2. Type the full path and name of the file, e.g.:

`C:\DNLOAD\xxxxx.exe`

3. Press the **Enter** key and follow the prompts.

1.4 Conventions

Function declarations, function names, type declarations, and code samples appear in a different font, e.g., `#include`.

1.5 Technical assistance

For assistance or clarification on information in this document, submit a case to Qualcomm Technologies, Inc. (QTI) at <https://support.cdmatech.com/>.

If you do not have access to the CDMATech Support website, register for access or send email to support.cdmatech@qti.qualcomm.com.

2 New Features

This section is not applicable to this release.

3 Bugs and Limitations

3.1 Known issues

This section is not applicable to this release.

3.2 Fixed bugs

	CR	Fixed bug
1.	2999399	Configure properties changes cannot be saved from the configure option in the spec view (speaker protection, etc.) Fixed bug description Removed the configure button in all the spec views. Users can configure through generic view.
2.	2704111	Support UI data persistence in IIR designer Fixed bug description Implemented code for UIPersistence data in the IIR feature plugin.
3.	3064801	Updating a device to add a TDM group is failing for existing devices Fixed bug description Modified the logic to add support for TDM device grouping for an existing devices.

3.3 Limitations

This release has the following limitations:

- Audio is no longer routed to the Bolt headset after performing the QACT SET operation while playback is in progress on the PC
- MBADRC and MBDRC crossover frequency points are not persisted to the QACT workspace file.
- In RTC, voice sample rate cannot be obtained. HPF module may show an error message since cut_off_freq could not be identified without the correct voice sample rate.
- CR 673248 – Multiple instances of QACT (more than two) trying to perform Online/RTC to the same device at the same time may not work.

4 QACT Test Notes

This release of QACT has been tested with:

- QPST v2.7.475
- Qualcomm USB Network Driver Package 1.0.6.0
- SM8250.LA.1.0+WCD9380

Many of QACT's changes are dependent on changes in the CRM build. This release of QACT has been tested on either internal software releases or CRM Builds of the following Product Lines (PLs). If testing has been done on an internal software release, then a CR is listed that can be used to track the changes into a CRM build.

A Test Cases

[Table A-1](#) lists the test cases for this release.

Table A-1 Test cases

Index	CR	Test case	Test result
1.	2999399	Configure properties changes cannot be saved from the configure option in the spec view (speaker protection, etc.)	Pass
2.	2704111	Support UI data persistence in IIR designer	Pass
3.	3064801	Updating a device to add a TDM group is failing for existing devices	Pass