QXDM Professional™ Tool Quick Start

Overview

QXDM Professional provides a diagnostic client for rapid prototyping of new clients and protocol packets. It utilizes a graphical user interface to display data transmitted to and from the subscriber station.

This customer guide summarizes how to acquire and use QXDM Professional through the following:

- Engagement model
- Tool utility
- Resources

Engagement Model

Evaluate
- Engage QTI: NDA, license agreement, PO execution

Define/Design
- Engage QTI: CreatePoint tools access

Build/Bringup
- Engage QTI: Updates for QXDM Professional features and logs

Integrate
- Engage QTI: Updates for QXDM Professional features and logs

Verify/Certify
- Engage QTI: Updates for QXDM Professional features and logs

Manufacture

Real-time Monitor
Diagnostic services become available on the device during Bringup. Use the real-time monitor to track diagnostic logs, events, and messages from the device.

Data Capture
Capture diagnostic logs, events, and messages as .isf files for data analysis during the Integrate and Verify phases. Review regression, lab, and field test results during verification.

Support
Submit captured logs as .isf files to https://createpoint.qti.qualcomm.com/ for assistance.

For a quotation, contact salesops.testtools@qualcomm.com
Use QXDM Professional to capture and monitor proprietary diagnostic logs, messages, and events, such as:
- Hardware bringup
- Software integration
- Software debug and verification.

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<th>QTI chipset and module</th>
<th>Diagnostic connection</th>
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<td>Specifies diagnostic packet structure and parameter descriptions.</td>
<td>QXDM Professional supports all Qualcomm® devices with enabled diagnostic services.</td>
<td>A Qualcomm USB driver required to establish the connection.</td>
<td>Captures and analyzes diagnostic packets defined in the interface control document.</td>
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Interface Control Document

QXDM Professional

QXDM Professional supports all Qualcomm® devices with enabled diagnostic services.

Tools Licenses

- QXDM Professional license(s) can be subscribed annually
- QXDM Professional license subscription includes content updates and download access to
  - QXDM Professional
  - QCAT
  - QPST (for Windows only)
  - Qualcomm USB Driver
- Tool technologies and features are activated by providing license keys to Qualcomm Package Manager
  - Qualcomm Package Manager is included as a part of tool installer
- Tool technology licenses can be purchased individually, for example
  - QXDM 2-4G Yearly License Subscription
  - QXDM 2-5G Yearly License Subscription

Subscription-based License