

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.

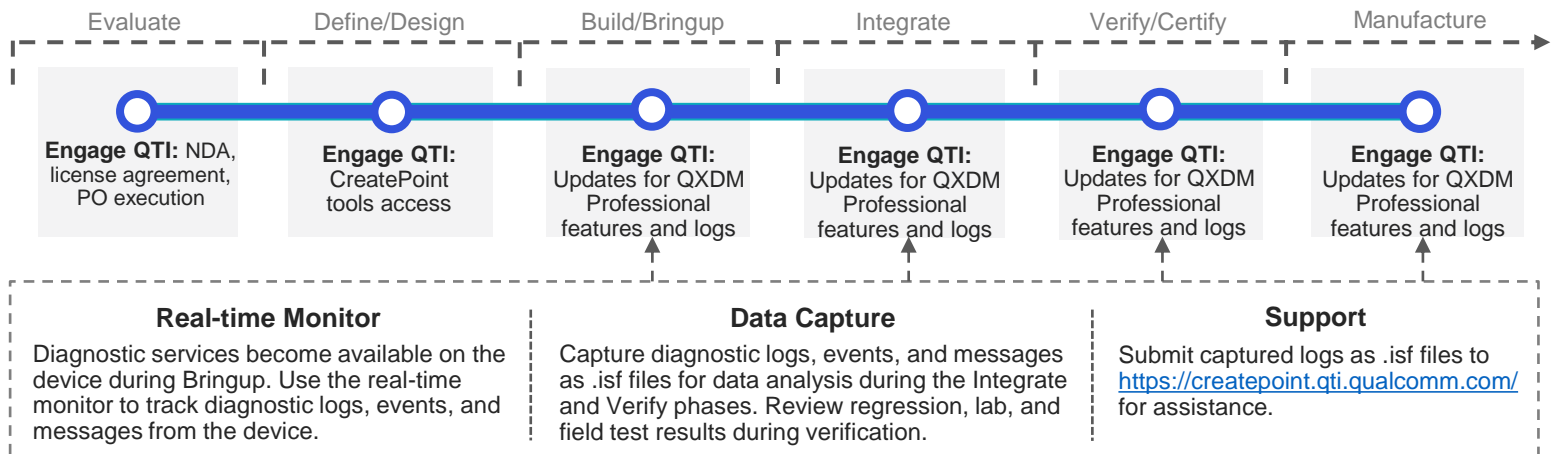
This customer guide summarizes how to acquire and use QXDM Professional through the following:

- Engagement model
- Tool utility
- Resources

The screenshot shows the QXDM Professional application window. On the left is a menu tree with categories like Common, CDMA, GSM, UMS, WCDMA, and LTE. The LTE menu is expanded to show 'Management Layer 1' and 'LTE Carrier Agg Summary'. In the center, there is a table with columns: Name, Summary, SubID, Payload, and HW Time Stamp. Below the table is a window titled 'LTE ML1 Real Time RSRP' which contains a table of real-time data and a line graph. The table has columns for 'Inst RSRP', 'Inst RSRQ', and 'Inst RSSI'. The graph plots 'Inst RSRP' on the y-axis (ranging from -180,000 to 0,000) against 'Time' on the x-axis (ranging from 20:09:10.000 to 20:09:30.000). The graph shows multiple colored lines representing different frequency channels.

For a quotation, contact salesops.testtools@qualcomm.com

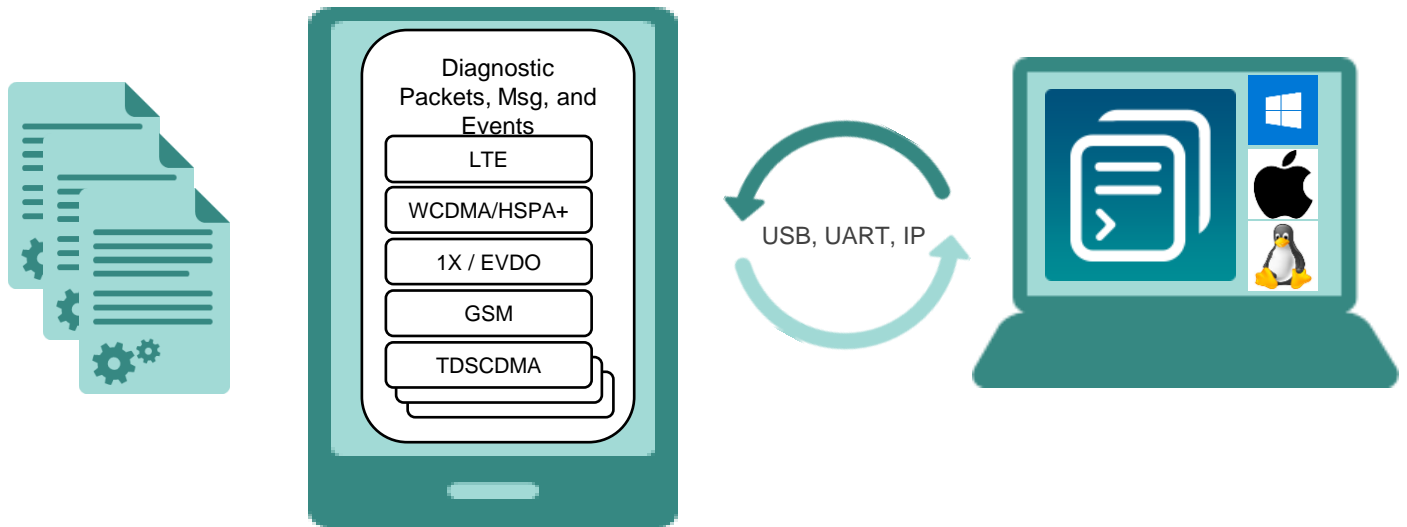
Engagement Model



QXDM Professional

Use QXDM Professional to capture and monitor proprietary diagnostic logs, messages, and events, such as:

- Hardware bringup
- Software integration
- Software debug and verification.



Interface control document

Specifies diagnostic packet structure and parameter descriptions.

QTI chipset and module

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

Diagnostic connection

A Qualcomm USB driver required to establish the connection.

QXDM Professional

Captures and analyzes diagnostic packets defined in the interface control document.

Subscription-based License

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

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