

Connection Manager Release 2.2.0.4

Change Log

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Description

This document describes changes, new features and known issues that are implemented in Connection Manager Release 2.2.0.4 compare to version 2.1.0.3.

Supported Versions of Windows

Connection Manager R.2.2.0.4 supports the following operating systems:

- Windows 8
- Windows 10
- Windows 11

Note: QT version that is used for the application GUI development has been upgraded to Qt v.5.15.2.0.

Radio Modems Support

Connection Manager R.2.2.0.4 supports the same radio modems that the previous release supports and **new radio modems**:

- L4G2D (Telit LE19C4-WW XD)
- L1G2D (Telit LE910C1-WW XD)
- MNG6 (Telit ME910G1-WW)

Driver Details

The following Telit drivers are integrated into the Connection Manager app:

- Telit WHQL Windows 11 Drivers Installer – Version 11.01.0002
- Telit WHQL Drivers Installer (Windows 10) – Version 2.19.0002

New Radio Modems Support - Details

Connection Manager supports both, **USB** and **Serial** versions of L4G2D, L1G2D and MNG6 radio modems.

All new radio modems support **MNO Firmware Switch** feature.

For L4G2D and L1G2D the MNO Firmware dropdown allows to choose one of the cellular providers:

- AT&T
- Verizon
- Bell
- Telus
- Global

MultiTech Connection Manager 2.2.0.4

MULTITECH

Main Settings **Connection** Details Terminal Charts

Dial number:

APN:

User name:

Password:

☐ Show password

☐ Enable keep-alive check

Host to ping:

MNO firmware:

AT&T
AT&T
Verizon
Bell
Telus
Global

NOTE: Please check with your Carrier or Administrator for appropriate settings.

Apply

For MNG6 the MNO Firmware dropdown contains the following options:

- AT&T
- Verizon
- ROW
- AU

CDMA Radio Modem Support is removed from Connection Manager

Connection Manager R.2.2.0.4 does not support CDMA radio modems. Corresponding changes are made in GUI and in the code.

Known Issues

Serial Modem Configuration

Connection Manager supports Baud Rate up to 115200 bits per second for serial modems.

When configuring a serial modem, the maximum baud rate is limited by 115200 bits per seconds for all radio modems

The screenshot shows the 'Settings' tab of the MultiTech Connection Manager 2.2.0.4 application. The 'Serial Modem' option is selected. The configuration fields are as follows:

- Port:** COM44
- Bits per second:** 115200 (with a list of other options: 1200, 2400, 4800, 9600, 19200, 38400, 57600, 115200)
- Parity:** None
- Stop bits:** 1
- Flow control:** None

At the bottom, there are two checkboxes: 'Run application at Windows startup' and 'Connect to the Internet automatically', both of which are unchecked. An 'Apply' button is located at the bottom right.

Connection Manager freezes (crashes) when removing USB modem from the PC while the connection is established and the status is **CONNECTED**

This issue is reproduced only when a user removes a USB modem from PC/laptop while the connection status is "Connected". Connection Manager freezes (crashes) when a user removes USB radio modem from the laptop while the connection status is "Connected". If a user connects the device back to the laptop, Connection Manager unfreezes and the user can continue working with it. Otherwise, the user has to close the Connection Manager application.

This issue is not always reproducible. It is observed when using USB modems only. The issue was recreated while working with LE910C4-NF module and MTC-L4G2D USB unit.

There is no workaround.

Change History

Version	Description	Author	Date (YYYY/MM/DD)
1.0	New document	Anastasiia Logvinova	2023/03/06