

Product Change Notification

Conduit® IP67 200 Series Ruggedized Conduit Base Station for Outdoor LoRa® Deployments

MTCDTIP2-L4E1 Devices For use in the European Union and United Kingdom New Cellular Module and Updated Cellular Radio Firmware Version

Date: November 5, 2024

I. Product Change Notification (PCN) Number

PCN 11052024-001

II. Overview

MultiTech announces a new cellular module and updated cellular radio firmware version for MTCDTIP2-L4E1 devices. The purpose of this Product Change Notification is to inform customers when these devices will begin shipping from MultiTech.

New cellular module: **Telit LE910C4-EU HW 1.4**

Updated cellular radio firmware version: **25.21.673**

MultiTech has performed live network validation testing and no issues were discovered. Testing parameters were as follows:

- Cellular module: Telit LE910C4-EU HW 1.4
- Cellular radio firmware version: 25.21.673
- Operating system version: mPower 6.3.4

III. Suggested Action Plan

We recommend that the following actions be taken.

Customers

- Review the information in this product change notification and forward to others within your organization who are actively involved with the deployment of the Conduit IP67 200 Series.
- Note that there may be differences between cellular radio firmware versions. MultiTech recommends evaluating the updated cellular radio firmware version in your current application to understand the impact of any differences.

Distributors

- Forward this product change notification to others within your organization who are actively involved in the sale or support of LoRa programmable gateways and base stations.
- Forward this product change notification to customers and encourage them to evaluate the updated cellular radio firmware version in their custom application.

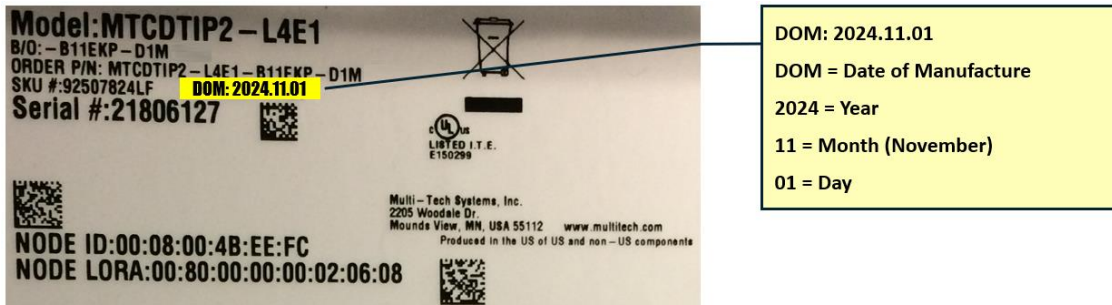
IV. Schedule

All MTCDTIP2-L4E1 devices shipping from MultiTech with a date of manufacture (DOM) of November 1, 2024 and later will include the new cellular module and updated cellular radio firmware version.

- Availability: Starting November 2024
- Date of Manufacture: 2024.11.01 and later
- See [impacted part numbers](#) for details

Identifying Date of Manufacture

The chassis label (located on the back of each MTCDTIP2 device) includes critical device information, including the date of manufacture.



V. Overview of Change

Below is a link to the delta software release notes for the LE910C4-EU HW 1.4 **25.21.673** firmware version.

<https://multitech.com/wp-content/uploads/80582DSW10200A-LE910Cx-SW-Release-Notes.pdf>

	MTCDTIP2-L4E1 Devices	
Date of Manufacture	Prior to October 31, 2024	Post November 1, 2024
DOM	2024.10.31 and earlier	2024.10.01 and later
Cellular Radio Firmware Version	25.20.676	25.21.673
Cellular Module	Telit LE910C4-EU	Telit LE910C4-EU HW 1.4
Operating System Versions	mPower 5.3.8 and mPower 6.X mLinux 5.3.4 and mLinux 6.X	mPower 5.3.8 and mPower 6.X mLinux 5.3.4 and mLinux 6.X
AT Commands Guide	80502ST10950A	80502ST10950A

NOTE: The updated cellular radio firmware version is not backward compatible with earlier MTCDTIP2-L4E1 devices. Deployed devices cannot be upgraded to the updated cellular radio firmware version.

VI. Impacted Part Numbers

The following ordering part numbers are impacted by this change:

Ordering Part Number	Description
MTCDTIP2 Devices	
MTCDTIP2-L4E1-B11EKP-D1M	LTE Cat 4 mPower Programmable Base Station, 8-channel, 868 MHz with internal LoRa antenna, internal cellular antenna
MTCDTIP2-L4E1-B11EKP-D1M-WL	LTE Cat 4 mPower Programmable Base Station, 8-channel, 868 MHz with internal LoRa antenna, internal cellular antenna (White Label)
MTCDTIP2-L4E1-B11EKP-L1M	LTE Cat 4 mPower Programmable Base Station, 8-channel, 868 MHz with external LoRa antenna, internal cellular antenna
MTCDTIP2-L4E1-B11EKP-L1M-WL	LTE Cat 4 mPower Programmable Base Station, 8-channel, 868 MHz with external LoRa antenna, internal cellular antenna (White Label)
MTCDTIP2-L4E1-B11EKP-L1L	LTE Cat 4 mLinux Programmable Base Station, 8-channel, 868 MHz with external LoRa antenna, internal cellular antenna
MTCDTIP2-L4E1-B11EKP-11M	LTE Cat 4 mPower Programmable Base Station, 8-channel, 868 MHz with external LoRa antenna, internal cellular antenna (LoRa antenna available separately)

VII. Additional Information

If you have any questions or require additional information on this product change notification, please contact your MultiTech sales representative or visit the technical resources listed below:

World Headquarters – U.S.

+1(763)785-3500 | sales@multitech.com

EMEA – UK:

+(44)118 959 7774 | sales@multitech.co.uk

MultiTech Website: www.multitech.com

MultiTech Support Portal: <https://support.multitech.com/support/login.html>

ATTACHMENT I

Identifying The Cellular Radio Firmware Version

There are multiple ways of identifying the cellular radio firmware version on an MTCDTIP2 device:

1. DeviceHQ

MultiTech DeviceHQ® is a cloud-based tool set for managing MultiTech devices, including the MTCDTIP2 devices. On the **DeviceHQ Device Page**, select one of the MTCDTIP2 devices. The device overview that appears will show the current **Radio Firmware** version and **Radio Model**.



2. mPower User Interface

- The **Radio Status** page displays a summary of the configuration settings for the cellular module in the MTCDTIP2 device
- Module Information – Firmware Version: Module firmware version

3. Product Packaging

The carton label for each MTCDTIP2 device lists the cellular radio firmware version included in the device.



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Revision History

Version	Author	Date	Change Description
-001	DT	11/05/2024	Original publication