

Product Change Notification

Conduit® AP Access Point for LoRa® Technology

MTCAP-L4E1 and MTCAP2-L4E1 Devices For use in the European Union and United Kingdom New Cellular Module and Updated Cellular Radio Firmware Version

Date: October 15, 2024

I. Product Change Notification (PCN) Number

PCN 10152024-001

II. Overview

MultiTech announces a new cellular module and updated cellular radio firmware version for MTCAP-L4E1 and MTCAP2-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 AP.
- 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 access points.
- 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 MTCAP-L4E1 and MTCAP2-L4E1 devices shipping from MultiTech with a date of manufacture (DOM) of October 16, 2024 and later will include the new cellular module and updated cellular radio firmware version.

- Availability: Starting October 2024
- Date of Manufacture: 2024.10.16 and later
- See [impacted part numbers](#) for details

Identifying Date of Manufacture

The chassis label (located on the back of each MTCAP 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>

| Date of Manufacture | MTCAP-L4E1 Devices MTCAP2-L4E1 Devices | |
|---------------------------------|--|--|
| | Prior to October 15, 2024 | Post October 16, 2024 |
| DOM | 2024.10.15 and earlier | 2024.10.16 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.X and mPower 6.X mLinux 5.X and mLinux 6.X | mPower 5.X and mPower 6.X mLinux 5.X and mLinux 6.X |
| AT Commands Guide | 80502ST10950A | 80502ST10950A |

NOTE: The updated cellular radio firmware version is not backward compatible with earlier MTCAP-L4E1 and MTCAP2-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 |
|--------------------------|--|
| MTCAP Devices | |
| MTCAP-L4E1-868-041A | LTE Cat 4 mPower Programmable Access Point 8-channel, 868 MHz with external LoRa antenna and EU/GB Accessory Kit |
| MTCAP-L4E1-868-041A-WL | LTE Cat 4 mPower Programmable Access Point 8-channel, 868 MHz with external LoRa antenna and EU/GB Accessory Kit (White Label) |
| MTCAP-L4E1-868-041L | LTE Cat 4 mLinux Programmable Access Point 8-channel, 868 MHz with external LoRa antenna and EU/GB Accessory Kit |
| MTCAP-L4E1-868-001A | LTE Cat 4 mPower Programmable Access Point 8-channel, 868 MHz with internal LoRa antenna and EU/GB Accessory Kit |
| MTCAP-L4E1-868-001A-WL | LTE Cat 4 mPower Programmable Access Point 8-channel, 868 MHz with internal LoRa antenna and EU/GB Accessory Kit (White Label) |
| MTCAP-L4E1-868-001L | LTE Cat 4 mLinux Programmable Access Point 8-channel, 868 MHz with internal LoRa antenna and EU/GB Accessory Kit |
| MTCAP2 Devices | |
| MTCAP2-L4E1-868-002A-POE | LTE Cat 4 mPower Programmable Access Point 8-channel, PoE Power, 868 MHz with internal LoRa antenna and EU/GB Accessory Kit |
| MTCAP2-L4E1-868-042A-POE | LTE Cat 4 mPower Programmable Access Point 8-channel, PoE Power, 868 MHz with external LoRa antenna and EU/GB Accessory Kit. |

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

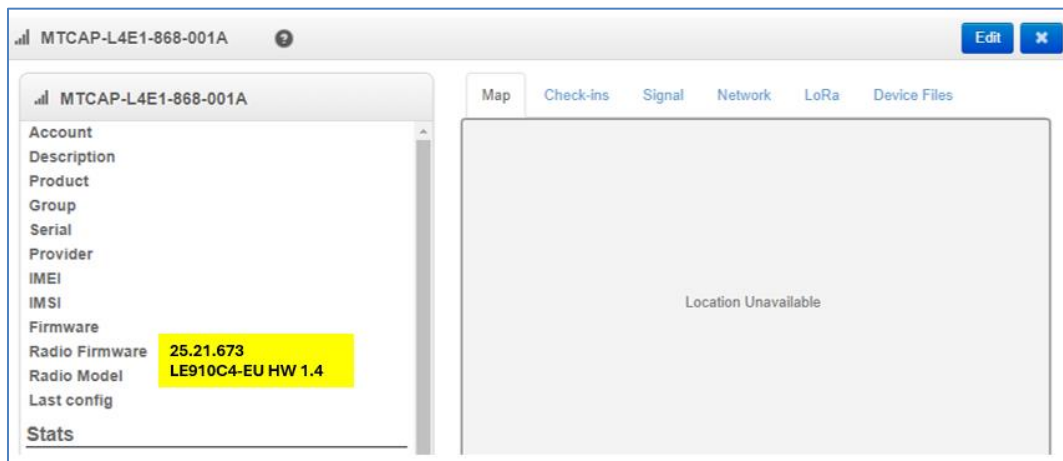
MultiTech Support Portal: <https://support.multitech.com/support/login.html>

ATTACHMENT I Identifying The Cellular Radio Firmware Version

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

1. DeviceHQ

MultiTech DeviceHQ® is a cloud-based tool set for managing MultiTech devices, including the MTCAP and MTCAP2 devices. On the **DeviceHQ Device Page**, select one of the MTCAP-L4E1 or MTCAP2-L4E1 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 MTCAP device
- Module Information – Firmware Version: Module firmware version

3. Product Packaging

The carton label for each MTCAP and MTCAP2 device lists the cellular radio firmware version included in the device.



Revision History

| Version | Author | Date | Change Description |
|---------|--------|------------|----------------------|
| -001 | DT | 10/15/2024 | Original publication |