

## Product Change Notification

### MultiConnect<sup>®</sup> rCell 100 Series Cellular Routers

### mPower<sup>™</sup> Edge Intelligence Update mPower MTR 5.3.6s-s1 Now Available



Date: April 4, 2022

#### Product Change Notification (PCN) Number

PCN 04042022-001 (MTR - mPower)

#### Overview

Starting in April 2022, MultiConnect rCell shipments will include an updated version of mPower MTR operating system:

- mPower MTR 5.3.6s-s1
- Includes:
  - Resolution to [CVE-2022-0778](#) and other openssl CVE ([openssl release notes](#))

#### Schedule:

- Starting in April 2022, MultiTech will begin shipping the MultiConnect rCell with mPower MTR 5.3.6s-s1
- See [part numbers impacted](#) for details
- See [Schedule](#) for Date of Manufacture details

#### Suggested Action Plan

##### Customers

1. Recognize that MultiConnect rCell device shipments starting in April 2022 will include an updated version of mPower
2. Evaluate and approve the updated mPower version
3. Additional information
  - Technical inquiries: [support.multitech.com](mailto:support.multitech.com)
  - Sales inquiries: email [sales@multitech.com](mailto:sales@multitech.com)

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### Distributors

- Forward this announcement to others in your organization who are actively involved in the sale or support of cellular routers
- Notify existing customers that MultiConnect rCell devices are now shipping with an updated version of mPower software
- Encourage customers to evaluate the new mPower version in their environment.

### mPower MTR 5.3.6s-s1 Overview

mPower MTR 5.3.6s-s1 includes one critical update:

#### Operating System Component Updates (mPower MTR 5.3.6s-s1)

<p>Updated OpenSSL</p> <ul style="list-style-type: none"> <li>• OpenSSL updated to version 1.1.1n</li> <li>• Previous versions of mPower used OpenSSL 1.1.1b</li> <li>• Resolution to <a href="#">CVE-2022-0778</a> and other openssl CVE (<a href="#">openssl release notes</a>)</li> <li>• Additional information available at: <a href="http://www.multitech.com/landing-pages/security">http://www.multitech.com/landing-pages/security</a></li> </ul>	GP-1534
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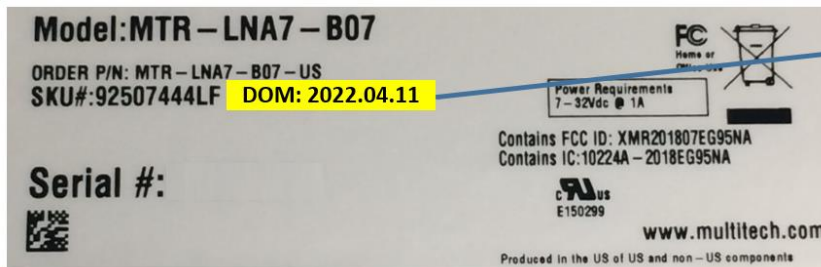
mPower Software Release Notes can be downloaded at:

<https://www.multitech.com/documents/publications/sales-flyers/mPower%20Software%20MTR%205.x.x%20for%20rCell%20100%20Routers.pdf>

### Schedule

MultiConnect rCell devices with mPower MTR 5.3.6s-s1:

- Manufacturing: Starting April 2022
  - Date of Manufacture: Starting April 11, 2022
  - See [part numbers impacted](#) for details
  - Identifying Date of Manufacture (chassis label)



**DOM: 2022.04.11**  
**DOM = Date of Manufacture**  
**2022 = Year**  
**04 = April**  
**11 = Day**

### Ordering Part Numbers Impacted

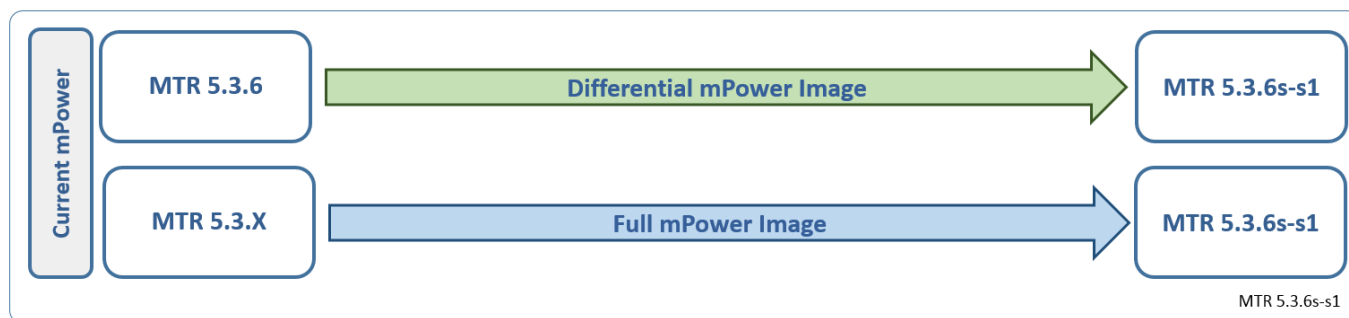
The following ordering part numbers are impacted by these updates:

MultiConnect rCell 100 Series Cellular Router

- MTR-LEU7 models
- MTR-LNA7 models
- MTR-MNG2 models

### Upgrade Process (mPower MTR 5.3.6s-s1)

Impacted devices can be upgraded to mPower MTR 5.3.6s-s1 using two methods:



### mPower Edge Intelligence Overview

mPower™ Edge Intelligence is MultiTech’s embedded software offering delivering programmability, network flexibility, enhanced security and manageability for scalable Industrial Internet of Things (IIoT) solutions. mPower Edge Intelligence simplifies integration with a variety of popular upstream IoT platforms to streamline edge-to-cloud data management and analytics, while also providing the programmability and processing capability to execute critical tasks at the edge of the network to reduce latency, control network and cloud services costs, and ensure core functionality – even in instances when network connectivity may not be available.

mPower Software Release Notes can be downloaded at:

<https://www.multitech.com/documents/publications/sales-flyers/mPower%20Software%20MTR%205.x.x%20for%20rCell%20100%20Routers.pdf>

### **Additional Information**

If you have any questions regarding this Product Change Notification, please contact your MultiTech sales representative or visit the technical resources listed below:

#### **World Headquarters – USA**

+1 (763) 785-3500 | [sales@multitech.com](mailto:sales@multitech.com)

#### **EMEA Headquarters – UK**

+(44) 118 959 7774 | [sales@multitech.co.uk](mailto:sales@multitech.co.uk)

#### **MultiTech Security Advisories**

[www.multitech.com/landing-pages/security](http://www.multitech.com/landing-pages/security)

MultiTech monitors industry news and announcements to identify security issues that may impact our devices and operating systems and strive to provide the information and tools to keep your deployments secure and online.

#### **MultiTech Developer Resources:**

[www.multitech.net](http://www.multitech.net)

An open environment where you can ask development related questions and hear back from MultiTech engineering or a member of this community.

#### **Knowledge Base:**

<http://www.multitech.com/kb.go>

Immediate access to support information and resolutions for all MultiTech products.

#### **MultiTech Support Portal:**

[support.multitech.com](http://support.multitech.com)

Create an account and submit a support case directly to our technical support team.

#### **MultiTech Website:**

[www.multitech.com](http://www.multitech.com)

#### **Trademarks and Registered Trademarks**

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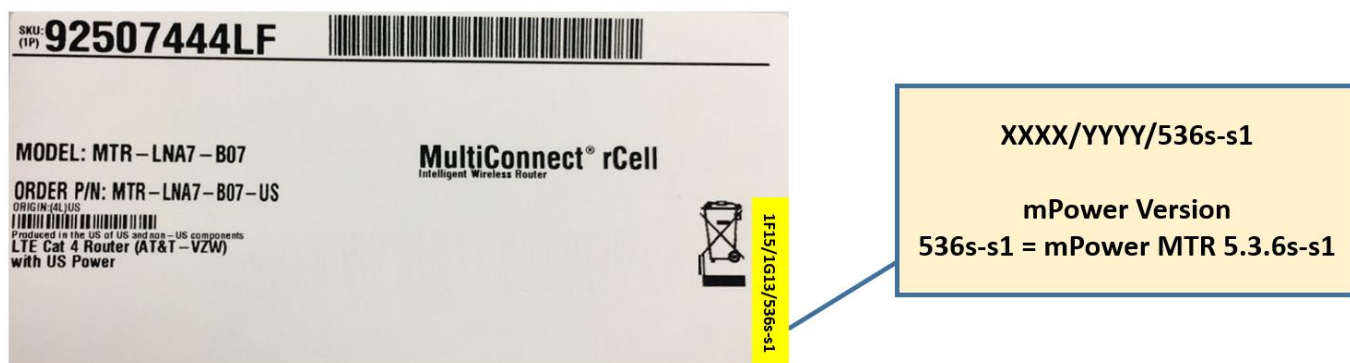
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## ATTACHMENT I Identifying mPower Version

There are multiple ways of identifying the mPower version on an MTR device:

### 1. Product Packaging

The carton label for each MTR device includes an indication of the mPower version included.



### 2. mPower User Interface

- The Homepage (dashboard) displays a summary of the configuration settings for the MTR device
- Device-Firmware: mPower Edge Intelligence version

### 3. DeviceHQ

- MultiTech DeviceHQ<sup>®</sup> is a cloud-based toolset for managing the latest generation of MultiTech devices, including the MTR devices.
- On the **DeviceHQ Device Page**, ensure that the “Firmware” field is chosen as a column selection
- For all MTR devices assigned to the account, the mPower version will be displayed

### 4. API Command

The MTR uses RESTful JSONAPI for managing configurations, polling statistics, and issuing commands. Executing the following API command will return the mPower version of the MTR device:

- API Command: `https://192.168.2.1/api/system/firmware`
- Instructions:
  1. Log into the MTR device using a web browser
  2. Open a new tab and enter `https://192.168.2.1/api/system/firmware`
    - Command is case sensitive
    - Change the device IP address if necessary
  3. Press Enter
  4. MTR device returns the following. In this example, the mPower version is mPower MTR 5.3.6s-s1:  
“code”: 200  
“result”: “5.3.6s-s1”  
“status”: “success”

**Revision History**

Version	Author	Date	Change Description
-001	DT	04/04/2022	Original version