

Worldwide Product Announcement

MultiConnect® Conduit® Family of Gateways 4G-LTE Category 1 and 4 Models New Ordering Part Numbers 4G-LTE Category 3 Models Near-End-of-Life Announcement



Available July 2019

Date: April 25, 2019

I. Summary

MultiTech announces new Australian and European 4G-LTE Category 1 and 4G-LTE Category 4 ordering part numbers for the MultiConnect® Conduit® family of gateways:

- Conduit® IoT Programmable Gateway
- Conduit® IP67 Base Station
- Conduit® IP67 Geolocation Base Station
- Conduit® AP Access Point
- Conduit® IoT Starter Kit for LoRa Technology

The existing Australian and European 4G-LTE Category 3 ordering part numbers are changing status from **Active to Near-End-of-Life (NEOL)** effective immediately.

II. Product Description

The MultiConnect® Conduit® family of products is the industry's most configurable, manageable, and scalable cellular communications gateways for industrial IoT applications. Network engineers can remotely configure and optimize their Conduit performance through DeviceHQ®, the world's first IoT Application Store and Device Management platform.

The award-winning MultiConnect Conduit series comes in three variants designed to address specific IoT gateway use cases:

- **MultiConnect Conduit:** Indoor industrial gateway, ideal for environments that require metal casing for protection against particles and debris and require an industrial temperature range.
- **MultiConnect Conduit IP67 Base Station:** Outdoor IP67-rated gateway ideal suited for performing in harsh environments such as rain, snow, extreme heat, and high winds.

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- **MultiConnect Conduit AP Access Point:** Indoor access point ideal for commercial environments (e.g., hotels, offices, retail facilities) to deepen LoRa coverage in difficult to reach places where cell tower or rooftop deployments may not perform as well.
- **MultiConnect Conduit IoT Starter Kit for LoRa Technology:** Everything needed to get a LoRa proof of concept up, running and connected to the cloud – all in one box. The Conduit IoT Starter Kit is designed to obtain sensor information and display it in the cloud within minutes of opening the box.

III. Key Dates

4G-LTE Category 3 NEOL Ordering Part Numbers

Conduit AP Access Point (MTCAP-LEU1-xx)

Near-End-of-Life (NEOL) Date: April 25, 2019

Last Time Buy Date: June 25, 2019 or while supplies last

Last Ship Date/End-of-Life (EOL) Date: September 25, 2019

Conduit Programmable Gateway (MTCDT-LEU1-xx) and Conduit IP67 Base Station (MTCDTIP-LEU1-xx)

Near-End-of-Life (NEOL) Date: April 25, 2019

Last Time Buy Date: June 25, 2019 or while supplies last

Last Ship Date/End-of-Life (EOL) Date: September 25, 2019

Last Time Buy Information

By the **Last Time Buy Date**, submit confirmed order quantities for guaranteed availability with a Non-Cancellable, Non-Returnable (NCNR) order. If you have a customer that requires more time to perform their last time buy please contact your MultiTech sales representative.

Note: All orders placed for products listed in this announcement require an NCNR agreement. Last time ship dates are negotiable with an NCNR agreement. Please contact your MultiTech sales representative for details and a copy of the agreement.

4G-LTE Category 4 New Ordering Part Numbers

Conduit AP Access Point, Conduit Programmable Gateway, and Conduit IP67 Base Station

Evaluation Samples and Production Quantities: July 2019

4G-LTE Category 1 New Ordering Part Numbers

Conduit Programmable Gateway and Conduit IP67 Base Station

Evaluation Samples and Production Quantities: April 2019

IV. Product Comparison

The new Conduit AP Access Point includes the following enhancements:

- New 4G-LTE Category 4 modem
- Upgradeable FPGA firmware (v.31 standard)

The new Conduit IoT Programmable Gateway and Conduit IP67 Base Station include the following enhancements:

- For Europe, new 4G-LTE Category 4 cellular modem
- For Australia, new 4G-LTE Category 1 cellular modem

	4G-LTE Category 1 Models Australia	4G-LTE Category 3 Models Europe and Australia	4G-LTE Category 4 Models Europe
Cellular Performance	4G - LTE Category 1	4G - LTE Category 3	4G - LTE Category 4
Cellular Fallback	3G - HSPA+	3G - HSPA+, 2G - GPRS	3G - HSPA+, 2G - GPRS
Frequency Bands (MHz)	4G: B1(2100), B3(1800), B5(850), B8(900), B28(700) 3G: B1 (2100), B5 (850), B8 (900)	4G: B3 (1800), B7 (2600), B20 (800) 3G: B1 (2100), B3 (1800), B8 (900) 2G: B3 (1800), B8 (900)	4G: B3 (1800), B7 (2600), B20 (800), B28A (700) 3G: B1 (2100), B3 (1800), B8 (900) 2G: B3 (1800), B8 (900)
Packet Data (LTE FDD)	Up to 10 Mbps peak downlink Up to 5 Mbps peak uplink	Up to 100 Mbps peak downlink Up to 50 Mbps peak uplink	Up to 150 Mbps peak downlink Up to 50 Mbps peak uplink

V. New Ordering Part Numbers (4G-LTE Category 1 and Category 4 Models)

New Ordering Part Number	Description	Region
MultiConnect® Conduit® IoT Programmable Gateways + LoRa Accessory Cards		
MTCDT-L4E1-247A-868-EU-GB	LTE Cat 4 AEP Programmable Gateway 8-channel, 868 MHz, GNSS+WiFi/BT w/ EU/GB Accessory Kit (Europe)	Euro/GB
MTCDT-LAP3-247A-915-AU	LTE Cat 1 AEP Programmable Gateway 8-channel, 915 MHz, GNSS+WiFi/BT w/ AU Accessory Kit (Australia)	Australia
MTCDT-L4E1-246A-868-EU-GB	LTE Cat 4 AEP Programmable Gateway 8-channel, 868 MHz, GNSS w/ EU/GB Accessory Kit (Europe)	Euro/GB

New Ordering Part Number	Description	Region
MTCDT-LAP3-246A-915-AU	LTE Cat 1 AEP Programmable Gateway 8-channel, 915 MHz, GNSS w/ AU Accessory Kit (Australia)	Australia
MultiConnect® Conduit® IoT Programmable Gateways		
MTCDT-L4E1-247A-EU-GB	LTE Cat 4 AEP Programmable Gateway, GNSS+WiFi/BT w/ EU/GB Accessory Kit (Europe)	Euro/GB
MTCDT-L4E1-246A-EU-GB	LTE Cat 4 AEP Programmable Gateway, GNSS w/ EU/GB Accessory Kit (Europe)	Euro/GB
MTCDT-LAP3-246A-AU	LTE Cat 1 AEP Programmable Gateway, GNSS w/ EU/GB Accessory Kit (Australia)	Australia
MultiConnect® Conduit® IP67 Base Station		
MTCDTIP-L4E1-267A-868	LTE Cat 4 AEP Conduit IP67 Base Station 8-channel, 868 MHz, w/ GNSS+WiFi/BT and Accessory Kit (Europe)	Euro/GB
MTCDTIP-L4E1-266A-868	LTE Cat 4 AEP Conduit IP67 Base Station 8-channel, 868 MHz, w/ GNSS and Accessory Kit (Europe)	Euro/GB
MTCDTIP-LAP3-266A-915	LTE Cat 1 AEP Conduit IP67 Base Station 8-channel, 915 MHz, w/ GNSS and Accessory Kit (Australia)	Australia
MultiConnect® Conduit® IP67 Geolocation Base Station		
MTCDTIP-L4E1-275L-868	LTE Cat 4 mLinux Conduit IP67 Geolocation Base Station 16-channel, 868 MHz, w/ GNSS+WiFi/BT and Accessories (Europe)	Euro/GB
MTCDTIP-L4E1-270L-868	LTE Cat 4 mLinux Conduit IP67 Geolocation Base Station 16-channel, 868 MHz, w/ GNSS and Accessories (Europe)	Euro/GB
MultiConnect® Conduit® AP Access Point		
MTCAP-L4E1-868-001A	LTE Cat 4 AEP Programmable Access Point 8-channel, 868 MHz w/EU/UK Accessory Kit (Europe)	Euro/GB
MultiConnect® Conduit® IoT Starter Kit for LoRa® Technology		
MTCDT-L4E1-247A-STARTERKIT-868	LTE Conduit IoT Starter Kit for LoRa Technology, 868 MHz w/GNSS & Wi-Fi/BLE	Euro/GB

Accessory Kits Include: Power supply and blade(s), cellular antenna(s), LoRa antenna, Ethernet cable, USB cable, and quick start guide.
 GNSS Antenna sold separately.
 Product specifications are subject to change without notice.

MTCDT, MTCDTIP, and MTCAP models are encryption items. U.S. Export Administration Regulations have special restrictions on the export of encryption items; please refer to these regulations. Any export of commodities, technology, or software must be exported from the United States in accordance with the Export Administration Regulations. Export or diversion contrary to U.S. law is prohibited.

VI. NEOL Ordering Part Numbers (4G-LTE Category 3 Models)

NEOL Ordering Part Number	Description	Region
MultiConnect® Conduit® IoT Programmable Gateways + LoRa Accessory Cards		
MTCDDT-LEU1-247A-868-EU-GB	LTE Cat 3 AEP Programmable Gateway 8-channel, 868 MHz, GNSS+WiFi/BT w/ EU/GB Accessory Kit (Europe)	Euro/GB
MTCDDT-LEU1-246A-868-EU-GB	LTE Cat 3 AEP Programmable Gateway 8-channel, 868 MHz, GNSS w/ EU/GB Accessory Kit (Europe)	Euro/GB
MTCDDT-LEU1-247A-915-EU-GB-AU	LTE Cat 3 AEP Programmable Gateway 8-channel, 915 MHz, GNSS+WiFi/BT w/ EU/GB/AU Accessory Kit (Australia)	Australia
MTCDDT-LEU1-246A-915-EU-GB-AU	LTE Cat 3 AEP Programmable Gateway 8-channel, 915 MHz, GNSS w/ EU/GB/AU Accessory Kit (Australia)	Australia
MultiConnect® Conduit® IoT Programmable Gateways		
MTCDDT-LEU1-247L-EU-GB	LTE Cat 3 mLinux Programmable Gateway, GNSS+WiFi/BT w/ EU/GB Accessory Kit (Europe)	Euro/GB
MTCDDT-LEU1-247A-EU-GB	LTE Cat 3 AEP Programmable Gateway, GNSS+WiFi/BT w/ EU/GB Accessory Kit (Europe)	Euro/GB
MTCDDT-LEU1-246L-EU-GB	LTE Cat 3 mLinux Programmable Gateway, GNSS w/ EU/GB Accessory Kit (Europe)	Euro/GB
MTCDDT-LEU1-246A-EU-GB	LTE Cat 3 AEP Programmable Gateway, GNSS w/ EU/GB Accessory Kit (Europe)	Euro/GB
MultiConnect® Conduit® IP67 Base Station		
MTCDDTIP-LEU1-267A-868	LTE Cat 3 AEP Conduit IP67 Base Station 8-channel, 868 MHz, w/ GNSS+WiFi/BT and Accessory Kit (Europe)	Euro/GB
MTCDDTIP-LEU1-266A-868	LTE Cat 3 AEP Conduit IP67 Base Station 8-channel, 868 MHz, w/ GNSS and Accessory Kit (Europe)	Euro/GB
MTCDDTIP-LEU1-266A-915	LTE Cat 3 AEP Conduit IP67 Base Station 8-channel, 915 MHz, w/ GNSS and Accessory Kit (Australia)	Australia
MultiConnect® Conduit® IP67 Geolocation Base Station		
MTCDDTIP-LEU1-275L-868	LTE Cat 3 mLinux Conduit IP67 Geolocation Base Station 16-channel, 868 MHz, w/ GNSS+WiFi/BT and Accessories (Europe)	Euro/GB
MTCDDTIP-LEU1-270L-868	LTE Cat 3 mLinux Conduit IP67 Geolocation Base Station 16-channel, 868 MHz, w/ GNSS and Accessories (Europe)	Euro/GB

NEOL Ordering Part Number	Description	Region
MultiConnect® Conduit® AP Access Point		
MTCAP-LEU1-868-001A	LTE Cat 4 AEP Programmable Access Point 8-channel, 868 MHz w/EU/UK Accessory Kit (Europe)	Euro/GB
MultiConnect® Conduit® IoT Starter Kit for LoRa® Technology		
MTCDT-LEU1-247A-STARTERKIT-868	LTE Conduit IoT Starter Kit for LoRa Technology, 868 MHz w/GNSS & Wi-Fi/BLE	Euro/GB

Product specifications are subject to change without notice.

MTCDT, MTCDTIP, and MTCAP models are encryption items. U.S. Export Administration Regulations have special restrictions on the export of encryption items; please refer to these regulations. Any export of commodities, technology, or software must be exported from the United States in accordance with the Export Administration Regulations. Export or diversion contrary to U.S. law is prohibited.

VII. Cross Reference

NEOL Ordering Part Number	Recommended Replacement Ordering Part Number	Region
MultiConnect® Conduit® IoT Programmable Gateways + LoRa Accessory Cards		
MTCDT-LEU1-247A-868-EU-GB	MTCDT-L4E1-247A-868-EU-GB	Euro/GB
MTCDT-LEU1-246A-868-EU-GB	MTCDT-L4E1-246A-868-EU-GB	Euro/GB
MTCDT-LEU1-247A-915-EU-GB-AU	MTCDT-LAP3-247A-915-AU	Australia
MTCDT-LEU1-246A-915-EU-GB-AU	MTCDT-LAP3-246A-915-AU	Australia
MultiConnect® Conduit® IoT Programmable Gateways		
MTCDT-LEU1-247L-EU-GB	MTCDT-L4E1-247A-EU-GB ⁽¹⁾	Euro/GB
MTCDT-LEU1-247A-EU-GB	MTCDT-L4E1-247A-EU-GB	Euro/GB
MTCDT-LEU1-246L-EU-GB	MTCDT-L4E1-246A-EU-GB ⁽¹⁾	Euro/GB
MTCDT-LEU1-246A-EU-GB	MTCDT-L4E1-246A-EU-GB	Euro/GB
MultiConnect® Conduit® IP67 Base Station		
MTCDTIP-LEU1-267A-868	MTCDTIP-L4E1-267A-868	Euro/GB
MTCDTIP-LEU1-266A-868	MTCDTIP-L4E1-266A-868	Euro/GB

NEOL Ordering Part Number	Recommended Replacement Ordering Part Number	Region
MTCDTIP-LEU1-266A-915	MTCDTIP-LAP3-266A-915	Australia
MultiConnect® Conduit® IP67 Geolocation Base Station		
MTCDTIP-LEU1-275L-868	MTCDTIP-L4E1-275L-868	Euro/GB
MTCDTIP-LEU1-270L-868	MTCDTIP-L4E1-270L-868	Euro/GB
MultiConnect® Conduit® AP Access Point		
MTCAP-LEU1-868-001A	MTCAP-L4E1-868-001A	Euro/GB
MultiConnect® Conduit® IoT Starter Kit for LoRa Technology		
MTCDT-LEU1-247A-STARTERKIT-868	MTCDT-L4E1-247A-STARTERKIT-868	Euro/GB

(1) Visit <http://www.multitech.net/developer/software/mlinux/using-mlinux/flashing-mlinux-firmware-for-conduit/> to upgrade Conduit AEP models to mLinux models or visit <https://support.multitech.com/support/login.html> to create a support case.

VIII. Warranty and Support

Two-Year Product Warranty

All MultiTech products include a two-year warranty that includes on-line technical support, 24-hour website support and ftp support.

Extended Warranty Services

To give your customers peace-of-mind and protect their investment, our Extended Warranty Service Plans ensure MultiTech products are covered for one-, two-, or three-years beyond the two-year manufacturer’s warranty.

For a complete list of extended warranty part numbers, descriptions and prices, please consult the price addendum.

IX. Suggested Action Plan

To help facilitate the launch of the new ordering part numbers, we recommend the following actions be taken:

- Forward this announcement to others within your organization who are actively involved in the sale or support of programmable gateways and base stations
- Ensure that the new 4G-LTE Category 1 and Category 4 ordering part numbers are loaded in your pricing system.
- Place initial stocking orders for the new 4G-LTE Category 1 and Category 4 ordering part numbers.
- Use the new 4G-LTE Category 1 and Category 4 ordering part numbers for all new design registrations.
- Notify existing customers of the change in status of the 4G-LTE Category 3 gateways and work to migrate them the new 4G-LTE Category 1 and Category 4 ordering part numbers.

X. Additional Information

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

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MultiTech Website: www.multitech.com

MultiTech Developer Site: www.multitech.net

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