New Product Release

Date:	March 20, 2023
Announcing:	New Connected Workflow Wireless MS/TP Converter for fast reliable controller communication, loading, and commissioning
From:	Building Technologies & Solutions (BT&S)—Controls Marketing
Released to:	☒ Building Solutions Asia Pacific
	☒ Building Solutions Europe
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The new Connected Workflow Wireless MS/TP Converter

The Connected Workflow Wireless MS/TP Converter (CWCVT) is a communications converter that provides a temporary wireless connection between a host device, for example, a mobile phone or laptop, and equipment controllers that support the BACnet® MS/TP protocol. Through the CWCVT and the host device application you can discover controllers connected to the MS/TP trunk, download applications, commission the equipment, and view some basic diagnostic statistics.

The CWCVT supports a Bluetooth® wireless connection to iOS® and Android™ mobile devices that run the Connected Workflow application (CWa). The CWCVT also supports a Wi-Fi connection for Windows® computers that run Johnson Controls® BAS tools such as the Controller Configuration Tool (CCT), System Configuration Tool (SCT), or Applications and Parameter Loading Tool (APLT).

Figure 1: CWCVT with lanyard

Features and benefits

- Provides a Bluetooth connection between a mobile device that runs the CWa and one or more BACnet MS/TP controllers.
- Provides a Wi-Fi connection between a Windows computer and one or more BACnet MS/TP controllers.
- Easy to read, bright color LCD display that shows wireless, MS/TP connection status, and a host of other information.
- Powered through an RJ12 cable when plugged into a compatible MS/TP controller. Alternatively powered by a standard USB battery pack (user supplied) through the USB-C port.
- Less than a 5-second boot-up time when power is applied, optimizes technician mobility.
- Ability to log MS/TP communications to a micro SD card (user supplied).

Application and ordering information

Important: At release, the CWCVT is certified for use in the US, Canada, UK, and EU. In order for CWCVT to be shipped to other regions, local certifications may be required. Please contact your regional Product Manager for availability:

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Additional country certifications will follow based on prioritization, business justification, and required regional funding.

The CWCVT in combination with the CWa replaces the existing Mobile Access Portal (MAP) tool for use with MS/TP controllers. When used with Johnson Controls BAS tools, the CWCVT replaces the Bluetooth BTCVT or MAP hardware as a BACnet Router connection type to MS/TP controllers.

Table 1: Product order code

Product code number	Description
TL-CWCVT-0	Wireless MS/TP Converter

Important: At release, the CWCVT is certified for use in the US, Canada, UK and EU.

Documentation

Table 2: Related documentation

Document title	Document number
CWCVT Wireless MS/TP Converter Catalog Page	*LIT-1901198*
CWCVT Wireless MS/TP Converter User Guide	*LIT-12014120*
CWCVT Wireless MS/TP Converter Pack Sheet/Quick Start Guide	*Part No. A16381A0B6*
Connected Workflow Applications Catalog Page	*LIT-1901199*
Connected Workflow Applications User Guide	*LIT-12014106*

Release schedule

The following table lists the schedule for the TL-CWCVT-0 Release.

Table 3: Release schedule

Item	Date
Orderable date	Now
Shipping date	June 2023
Technical documentation on _Knowledge Exchange_	March 2023

Note: The CWCVT will initially have a 12 week lead time, but expected to drop to 1 week lead time in the future.

Sincerely,

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