



Lumenradio BACnet MS-TP Through Reliable Wireless Mesh Instructions

[Home](#) » [LumenRadio](#) » Lumenradio BACnet MS-TP Through Reliable Wireless Mesh Instructions 

Contents

- [1 Lumenradio BACnet MS-TP Through Reliable Wireless Mesh](#)
- [2 BACnet MS/TP THROUGH RELIABLE WIRELESS MESH](#)
- [3 INSTALLATION INSTRUCTIONS](#)
- [4 FEATURES](#)
- [5 SYSTEM OVERVIEW](#)
- [6 GET IOT READY TODAY](#)
- [7 CONTACT](#)
- [8 Documents / Resources](#)
 - [8.1 References](#)
- [9 Related Posts](#)



Lumenradio BACnet MS-TP Through Reliable Wireless Mesh



BACnet MS/TP THROUGH RELIABLE WIRELESS MESH

W-BACnet replaces the cabling with a reliable wireless mesh eliminating the time-consuming installation planning, cabling, daisy-chaining and trouble-shooting. With W-BACnet, it is easy to retrofit connectivity to already installed devices, instantaneously converting individually siloed devices to a wireless network. The product enables flexibility, saving time and costs, including during installation and steady-state operation.

W-BACNET WALL MOUNT

Replace your BACnet MS/TP cable with a wireless connection between BACnet devices.

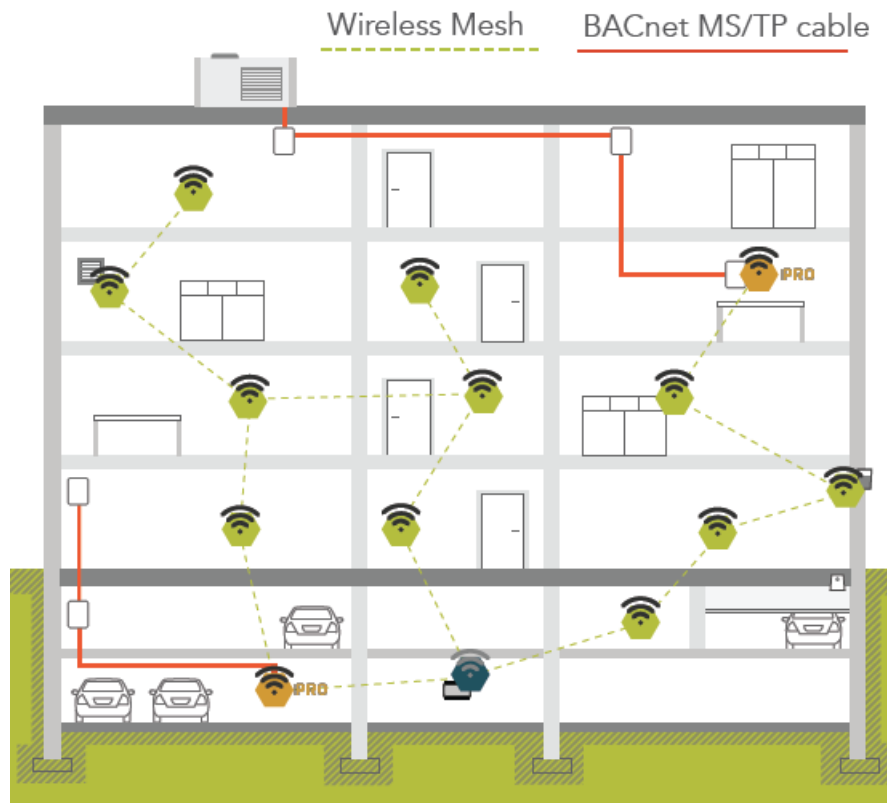
W-BACNET WALL MOUNT PRO

With the PRO version, up to four BACnet MS/TP devices can be connected to one W-BACnet PRO Node

W-BACNET DIN RAIL

A perfect fit for your BACnet MS/TP controller in a DIN rail cabinet.

INSTALLATION INSTRUCTIONS



INSTANT INSTALLATION

Installation is quick and easy. Connect your BACnet device to the W-BACnet node and then power up. The mesh network will form itself over a few minutes, avoiding time-consuming and un-aesthetical cabling.

UNIQUE RELIABILITY

By utilizing our Cognitive Coexistence technology in MiraMesh, each W-BACnet node possesses unparalleled reliability and resilience to interference

MULTIPLE MS/TP DEVICES – PRO

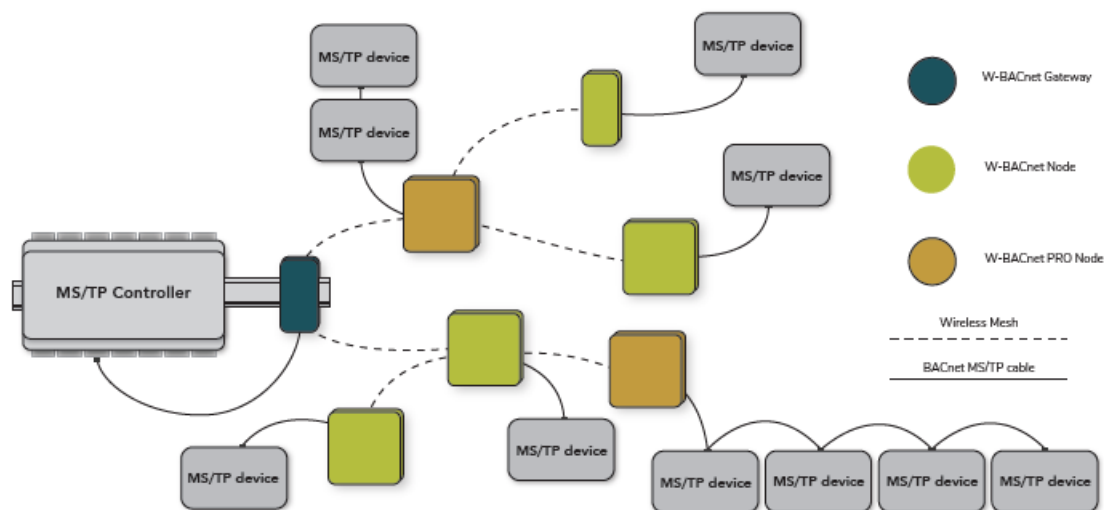
With W-BACnet PRO you will be able to daisy chain up to four BACnet MS/TP devices behind one W-BACnet PRO unit.

FEATURES

- **Out-of-the-box installation** – power up and connect to your BACnet MS/TP device and you are up-and-running.
- **Instant commissioning** – 3 simple steps, commission the W-BACnet network in minutes.
- **Mesh network** – cover an entire building, utilizing the mesh network as your infrastructure.
- **Range** – 500 meters (line-of-sight) per hop in the mesh network
- **Cognitive Coexistence** – LumenRadio's patented technology provides industrial-grade reliability and immunity to interference.
- **Self-optimizing network** – the mesh network will always find the best way to send messages through the network between devices.
- **Modular configuration** – no need for the same baud rate across all devices, W-BACnet supports individual settings.

SYSTEM OVERVIEW

A W-BACnet network consists of a single W-BACnet Gateway with up to 100 W-BACnet Nodes. The W-BACnet PRO nodes can be connected to one to four Bacnet MS/ TP devices over a BACnet MS/TP cable compared to a normal W-BACnet node that can connect to one MS/TP device over BACnet MS/TP cable.



GET IOT READY TODAY

add your own uniqueness tomorrow

- **RAPID TIME-TO-MARKET: W-BACnet**
 - Minimum development effort
 - Easy installation and maintenance
- **SCALE: THE W-BACnet MODULE**
 - Pre-certified modules
 - Cost reduction from W-BACnet
- **CUSTOMIZED – MIRAOS**
 - W-BACnet binary
 - Add your own IoT functionality

With patented technologies and a unique operating system, LumenRadio provides ultra-reliable mesh connectivity for the most business critical applications

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Documents / Resources



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BACnet MS-TP Through Reliable Wireless Mesh, MS-TP Through Reliable Wireless Mesh, Through Reliable Wireless Mesh, Reliable Wireless Mesh, Wireless Mesh, Mesh

References

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Manuals+.