



MODBUS RTU TROUGH RELIABLE WIRELESS MESH

W-Modbus replaces the Modbus RTU cable with a reliable wireless mesh - it eliminates time-consuming installation planning, cabling, daisy-chaining and trouble-shooting. Avoiding cabling has never been easier.

With W-Modbus it is easy to retrofit connectivity to already installed devices, converting a wired installation to a wireless network. For greenfield installations, the product provides increased flexibility and significant cost savings - both during installation and steady-state operation.

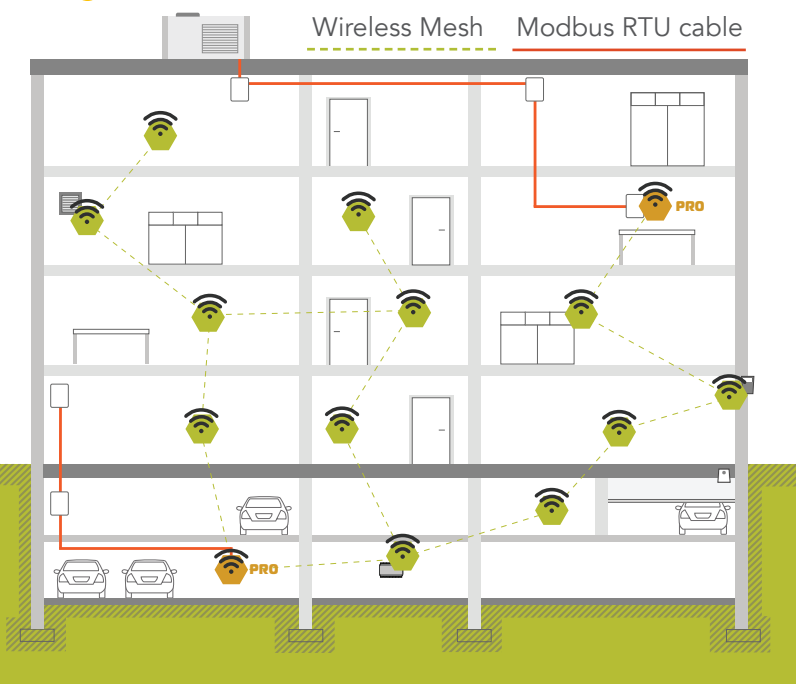
W-MODBUS

W-Modbus eliminates the need to run control cables for Modbus RTU installations, significantly reducing time-consuming cable installations, installation planning, troubleshooting, and daisy-chaining.



W-MODBUS PRO

With the PRO version of W-Modbus, up to four Modbus Servers can be connected to one W-Modbus PRO Node - making it even easier to connect multiple devices located in close proximity to each other.



INSTANT INSTALLATION

3 simple steps to commission the W-Modbus network in minutes - just power up and connect your Modbus device and you are up-and-running. Avoids time-consuming and un-esthetical cabling.



UNIQUE RELIABILITY

By combining our patented MiraMesh and Cognitive Coexistence technology, each W-Modbus possess an unparalleled reliability and resilience towards interference.



MULTIPLE SERVERS - PRO

With W-Modbus PRO you will be able to daisy chain up to four Modbus Servers behind one W-Modbus PRO unit.

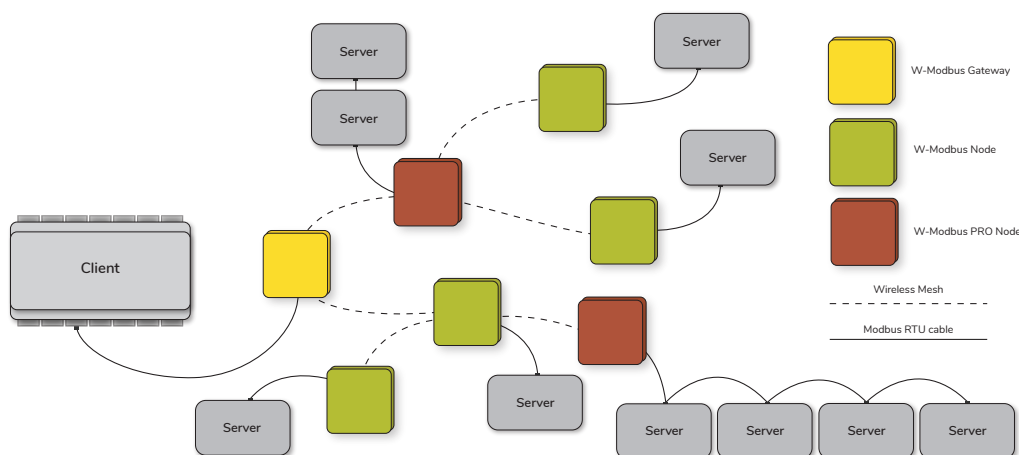
FEATURES

- Out-of-the-box installation – just power up and connect to your Modbus device and you are up and running.
- Instant commissioning – 3 simple steps, commissioning the W-Modbus network in minutes
- Mesh network – cover an entire building, utilizing the mesh network as your infrastructure.
- 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.
- Range – 500 meters (line-of-sight) per-hop in the mesh network
- Modular configuration - you no longer need to have the same baud rate in the whole network, supports individual settings for each device.

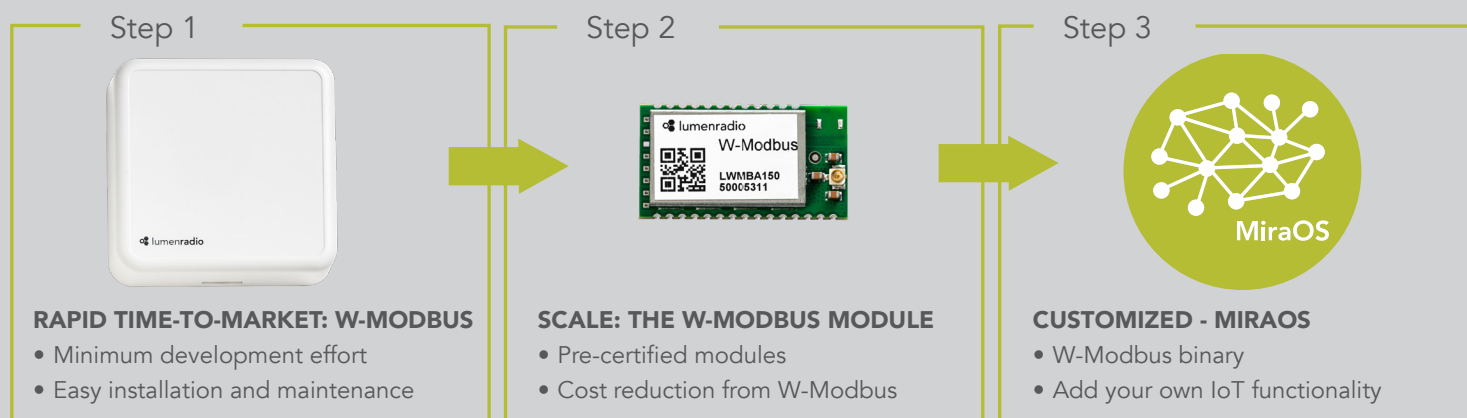
SYSTEM OVERVIEW

A W-Modbus network consists of a single W-Modbus Gateway connected to the Modbus Client using a Modbus RTU cable and up to 100 W-Modbus Nodes.

The W-Modbus PRO nodes can be connected to one to four Modbus Servers over a Modbus RTU cable compared to a normal W-Modbus node that can connect to one Server over Modbus RTU cable.



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