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LEAFLET

MLB

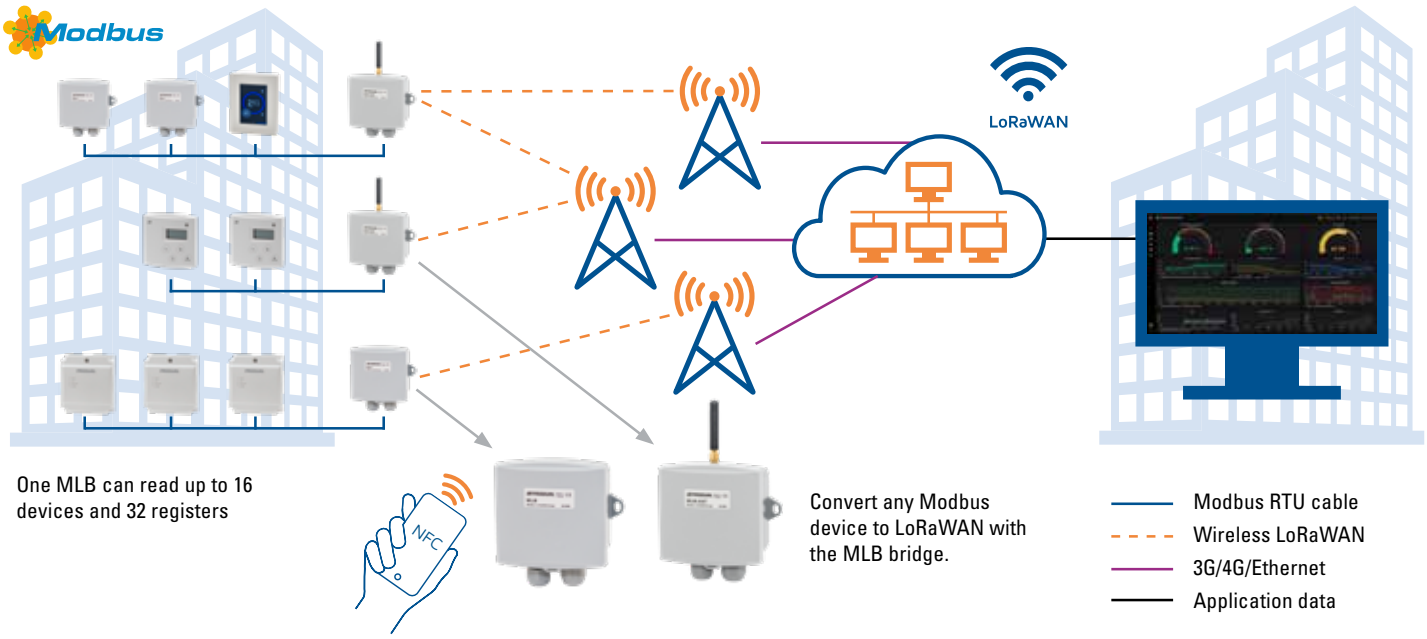
Produal

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PRODUAL MLB – MODBUS LORAWAN BRIDGE



Convert any Modbus device to your long-range LoRaWAN network - easy and quick commissioning with the one-of-a-kind MLB bridge

The **MLB Modbus LoRaWAN bridge** allows you to convert Modbus RTU messages into wireless LoRaWAN messages and read and write registers. This allows you to transmit Modbus messages as small-size payloads over long distances in your public or private long-range Wireless LoRaWAN network.

With the MLB, it is easy to connect Produal or third-party Modbus measurement and control devices to the LoRaWAN network. The Low Power, Wide Area (LPWA) networking protocol connects all kind of devices to the internet in regional, national, or global networks and is one of the leading IoT technologies for wireless communication.

LoRaWAN

WIRELESS IS THE WAY

PRODUAL

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PRODUAL MLB – MODBUS LORAWAN BRIDGE



The **MLB model with an internal antenna** is designed for use with nearby gateways, whereas **MLB-ANT, which has an external antenna**, communicates with more distant gateways or can be used if there are disruptive radio obstacles at the installation site.

The **MLB Modbus LoRaWAN bridge** functions as a Modbus master and is designed to read and write 32 freely configured Modbus RTU registers.

The slave device Modbus registers can be configured freely. Up to 16 Modbus slave devices can be connected to one MLB and up to 32 registers can be read and written in total. MLB can be connected to any Modbus RTU slave device, and it supports two-way communication.

Quick and easy commissioning of an MLB with Produal's MyTool® Android application or on Produal's MyCloud web page

- ready-made description files for Produal Modbus devices
- easy creation of description files for any Produal or third-party Modbus device

You can also commission an MLB via LoRaWAN network

Additionally, the **wireless ERS LoRaWAN room transmitter** selection is available to fully cover your various battery-powered measurement needs for humidity, CO_2, light, and sound, as well as occupancy detection.



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