

# LoRaWAN® solutions

**INTEGRA**  
METERING

From the meter to the final application

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## Automatic readout with LoRaWAN®

LoRaWAN® is an innovation in terms of IoT application that offers many advantages, from long range radio transmission and frequent automatic readout to low energy consumption. The combination of our LoRaWAN® solutions creates a new access of your meter data to your IoT applications, enabling new and sustainable solutions with more frequent and automatic remote readings.

### Features

- LoRaWAN® connectivity fully integrated
- Various data sets available to select the telegram content
- On-site configurable via push-button menu
- SMA connector for easy antenna installation
- Low energy consumption

### Safety and certification

- Encrypted communication (end-to-end encryption)
- Fully integrated LoRaWAN® technology based on the LoRaWAN® specification



# LoRaWAN® benefits

- Automatic readout
- Data analysis capability with high reading interval
- Simple data integration into systems
- Optimization of network investment
- Benefits extension of the LoRaWAN® network
- Minimization of the total cost of ownership

## Our solutions with LoRaWAN®



**TOPAS® SONIC**  
Smart residential ultrasonic water meter with Free Flow



**RUBIN® SONIC**  
Smart ultrasonic bulk water meter with Free Flow





**aquastream®**  
System module for mechanical water meters aquabasic® PMK




**aquaradio® MultiCom**  
Communication module with versatile applications and multi-protocols



**CALEC® ST III**  
Multi-protocol heating and cooling thermal energy calculator



**AMTRON® SONIC D**  
Compact ultrasonic meter for heating and cooling measurements

INTEGRA Metering is member of the  **LoRa Alliance®**

  
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