

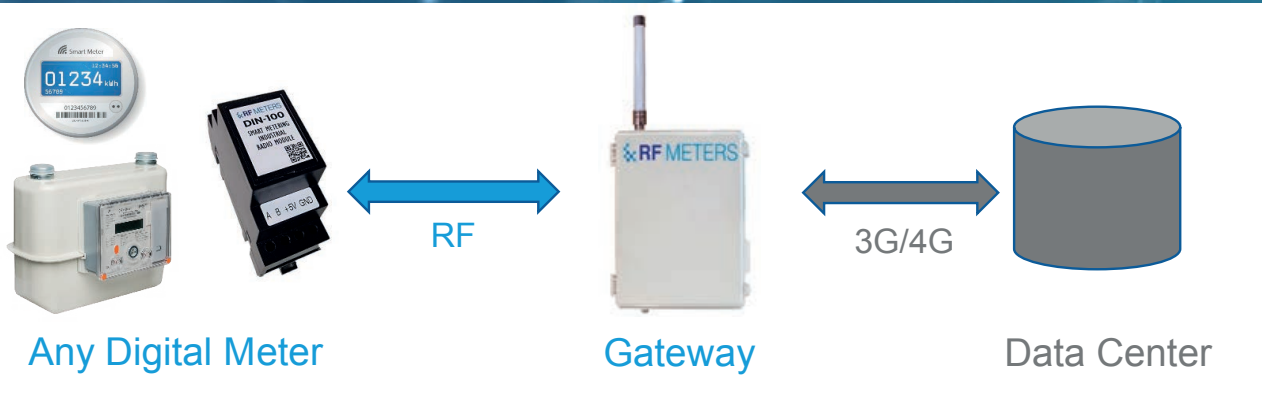
# RF METERS

Innovative solutions for smart metering using wireless tech.

## Problems with existing solutions:

- Low transmission rates
- No software upgrade from distance
- High costs
- Single meter manufacturer dependency
- Interconnection with electricity/water/gas systems
- Grid status dependency

## WE'VE GOT YOU COVERED!



## Advantages of the RF Meters solution:

- Independent on the state of the electrical grid, does not imply any cost of modernizing the grid
- Firmware upgrade over-the-air
- MESH radio network, large covered area
- Proven functional technology, 15 min readings with over 98.5% success rate
- Multiple types of meters can coexist in the same network
- Modular design, a new module for a new meter can be quickly developed with low costs

Two business verticals:

## 1. Residential electricity smart metering

Communication modules developed for two different meter manufacturers.



AEM (Romania)



Sanxing (China)

Two pilot projects are already installed in Romania: 1.050 meters installed in the Brasov region by Electrica Transilvania Sud (state owned DSO) and 200 meters installed in Bistrita city by Electrica Transilvania Nord (state owned DSO).

## 2. Smart building sub-metering application



Module developed as a single hardware solution available for multiple meter types. It works with any digital meter with Modbus over RS485. Other protocols or interfaces can be developed easily.

Use cases: multi-tenant buildings or business complexes where building management needs to invoice tenants for the utilities consumption.

EV charging stations represent a recent use case for which this module is perfectly suited.

Current software developed to work with meters from Schneider, Siemens, ABB, Lovato, Noark. The software can be easily updated to work with other meters within weeks