

Solution for HEATING systems

- 👤 Remote monitoring
- ☁ Snap-acting control
- 📡 Remote data collection



OrionM2M



 LoRa Alliance Member™

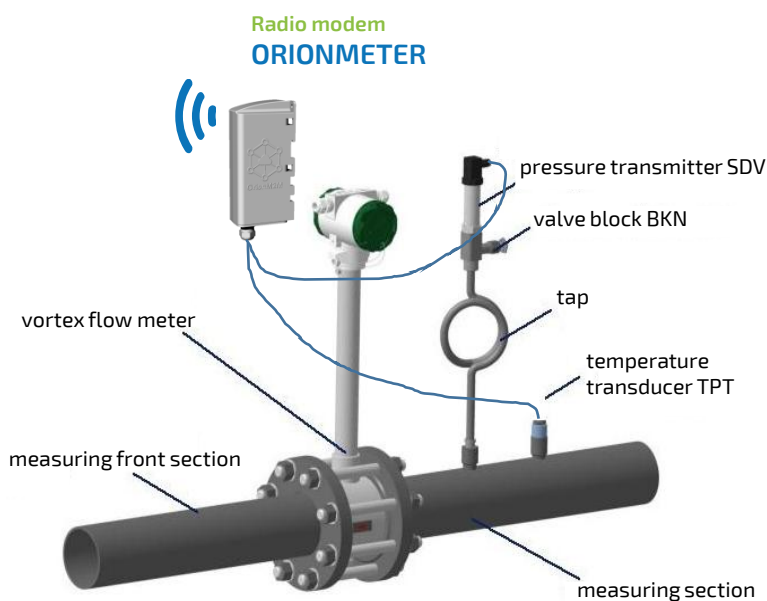
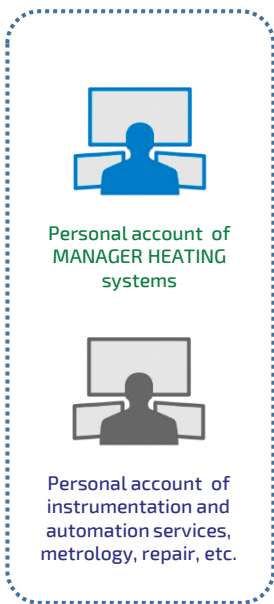




SOLUTION: DISPATCHING AND MONITORING OF HEATING SYSTEMS

Remote data collection and monitoring of the heating systems with further data transmission through the LoRaWAN network to dispatching, metrological, repair and other services.

REMOTE MONITORING- HOW IT WORKS:



Radio modem ORIONMETER

it is a secondary converter, implements three number of pulse/discrete measurement channels and uses water, gas, electric meters with pulse (telemetric), electric, heat meters with RS-485 interface as primary converters.



SOLUTION: DISPATCHING AND MONITORING OF HEATING SYSTEMS

Remote data collection and monitoring of the heating network with further data transmission through the LoRaWAN network to dispatching, metrological, repair and other services.

SYSTEM FUNCTION

- Monitoring and notification of emergency situations and real-time operations across the network with transmission to various devices
- Remote quick management of the entire network and its segments
- Journaling of events both at the device level with a deep archive and in the system itself
- Balance of production and heat spreading at all levels of the system in real time and over a long period
- Analytics of all networks for the required period
- Calculation of complex performance indicators of the heating system in real time
- Integrated accounting and metrology of resources
- Accounting of operating time and equipment downtime
- Map of locations of heating network equipment

Collection
of statistics and forecasting

Prevention
resource theft

Reduced maintenance
costs for service providers

User account

Response
to accidents and impulses in
the shortest possible time

Real-time monitoring
of resource consumption
parameters

ADVANTAGES OF THE SOLUTION

- Modern international technology LoRaWAN
- High reliability and availability of server applications backup
- Scalability and self-diagnosis of the system
- Integration with existing enterprise automation and software
- Compatible with a large number of different meters and automation
- Short terms of implementation and return of investment
- Easy to add and connect new devices to the network
- 1 year warranty on all equipment and flexible software licensing system including SaaS.