

inventia

IIoT solutions for water/wastewater sector



Get presentation
with case studies
listed below

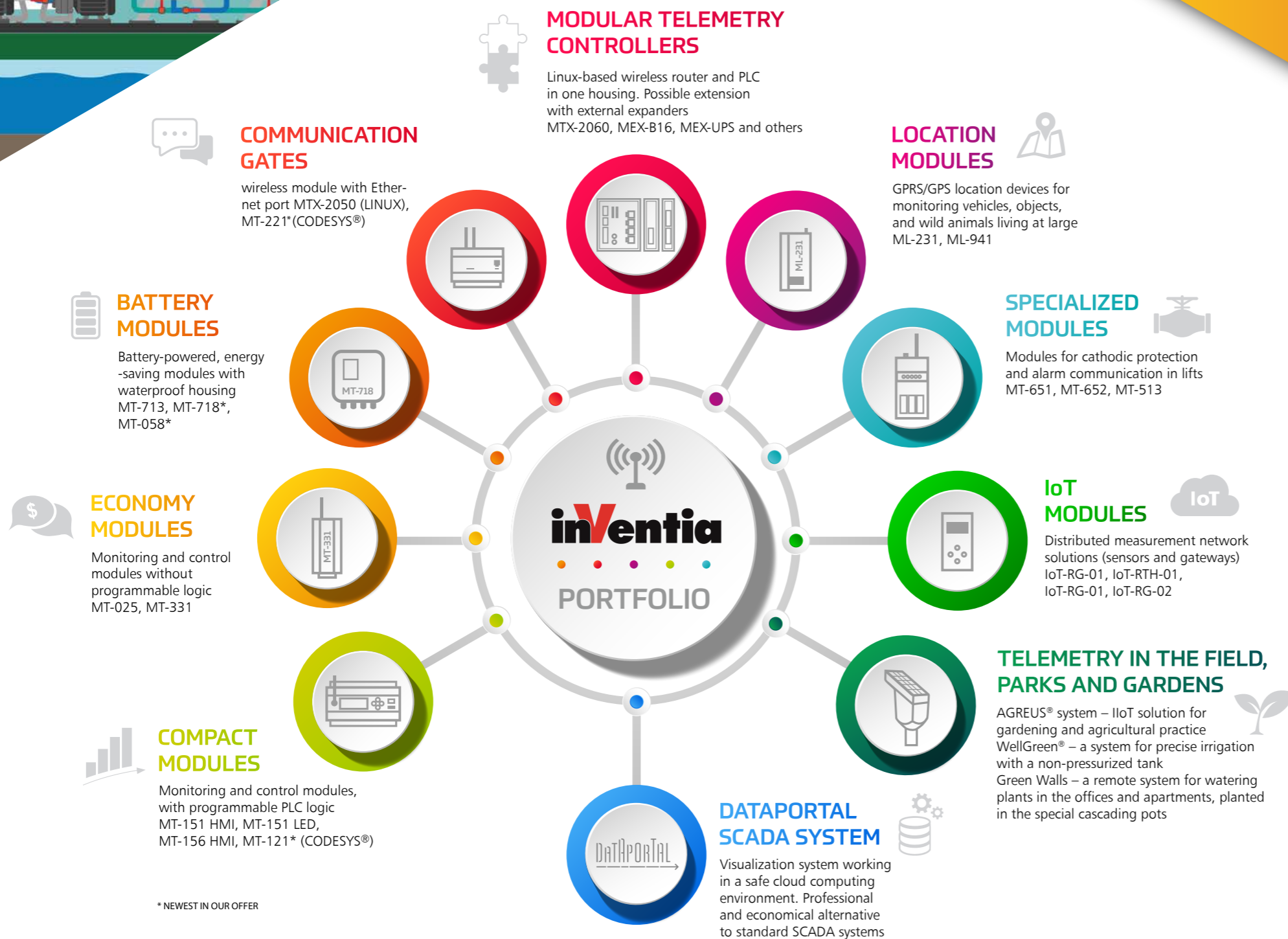


The main areas of telemetry and location modules applications:

- water and sewage systems management
- industrial automation
- heat and professional power industry
- logistics and storage of goods
- manufacturing
- facilities protection
- transport
- environment protection
- agriculture and horticulture

Example applications:

- Monitoring and control of pumping stations
- Control & monitoring of water treatment plants
- Flow & pressure monitoring in water supply networks
- Water tanks monitoring
- Flood warning systems
- Rainwater reservoirs monitoring
- Pipeline leaks detection
- Water level measurement in wells, water intakes, rivers, reservoirs
- Remote reading of media consumption (water, heat, gas, electricity)
- Remote supervision of industrial automation installations
- Monitoring of parameters in waste containers
- Location of vehicles and containers
- Monitoring of gas reduction stations
- Monitoring of overhead transmission lines
- Monitoring parameters and control of the cathodic protection installation of pipelines, tanks and other metal structures buried in the ground or immersed in water
- Data collection, visualization and analysis based on cloud solutions non-contact temperature control of elements in the electrical switchboards
- Large scale irrigation and fertigation systems in agriculture and horticulture



* NEWEST IN OUR OFFER

Inventia's offer stands out:

- Possibility of remote configuration, control logic programming and firmware update in the already installed equipment via 2G/4G (Cat 1, Cat M1, NB-IoT, LTE450)
- System flexibility due to the open standards used (MQTT, Modbus TCP, Modbus RTU)
- Possibility of cooperation with standard devices (PLC controllers, I/O systems, measurement equipment) that support standard communication protocols (e.g. Modbus RTU/TCP, Gazmodem, MBUS, NMEA, SNMP, Genibus, IEC 60870-5-140)
- Possibility of using any visualization system thanks to the data sharing through the standard OPC interface (OPC DA, OPC UA)
- Possibility of integration with databases and the user's IT environment using the standard ODBC interface and CSV files
- Minimum operating costs (remote control and updates, spontaneous event-initiated transmission, creating a mirror status of external devices, advanced diagnostics, scalability)
- Possibility of integration of all our devices in one, consistent system available in two variants: cloud based DataPortal service and MTDataProvider – standalone solution running on customer machine



inventia

INVENTIA Sp. z o.o.

Poleczki 23, 02-822 Warszawa, Poland
ph.: +48 22 545 32 00, CS: +48 22 545 32 30
webpage: inventia.online
www.agreus.pl/dataportal.pl, xway.pl
email: inventia@inventia.pl
bok@inventia.pl