

WM SYSTEMS LLC

SMART CITIES, ENVIRONMENT AND ICT
IOT/M2M communication solutions

Our products and services

- Smart metering communication devices for water, gas and electricity meter reading
- Alarm and Fire Alarm signal transmitting
- E-health & elderly care
- Lone worker's protection
- Automated vehicle logistic & navigation system
- Personal and asset tracking
- Intelligent sub-metering and displaying system
- Designing industrial data communication equipment
- Telemetry services

“Complete M2M services for Metering, Security, Tracking and Telemetry applications.”

Our value proposition

With a diverse portfolio, we can offer all-inclusive and complete solutions to our Clients and prospective Partners with applications for Metering, Security, Tracking and Telemetry. As an engineering company with a deep knowledge and experience in the industrial data communication field, we design and produce communication devices for the latest IP and mobile networks.

Our M2M server solution means centralized collection, processing and evaluation of the data communication between devices. High availability, secure data storage, wide range of monitoring & management possibilities and a dynamic user interfaces make this product solution attractive to our Customers. The M2M-based server specifically designed for our devices can display – as a service – the required and evaluated data, information, measurements, graphs, statistics and reports, thus giving the service providers overall data/device/user management information.

Who we are

WM Systems LLC. was established in 2002 and has offices in Hungary, Romania and Slovakia.

Our activities are based on the IOT/M2M (machine-to-machine) industry, serving our Partners with our complete data transmission solutions built for the network of the mobile and internet operators.

Ever since its foundation, our company has been developing our own hardware and software, and creating M2M-based product families with the central communication and data collection M2M-server platform to be able to offer complete M2M services.

Our work

We offer solutions through 43 different products for 8 M2M fields. Worldwide, more than 100,000 machines can communicate through our devices, and this number is continuously increasing. Development, sales and services are performed in accordance with ISO 9001, IT operation comply with ISO 27001. Our company has a Bisnode AAA qualification

www.m2mserver.com



READOUT OF 5000 WATER AND ELECTRICITY METERS IN APARTMENT BUILDINGS

Within the Intelligent sub-metering and displaying system, the wired and the wireless M-Bus radio signals of the wireless municipal consumption meters are received by the Mobile Data Collecting Center specifically prepared for data collection. Using the most up-to-date mobile data transmission technology, the data collector forwards the metering results in a concentrated way to our M2M server.



Our solution provides a wealth of benefits compared to the traditional reading systems. The TIAM® system – meeting the requirements of our age – enables the continuous improvement, customization and the complete reconstruction of the system without significant development. Apart from the meter data, the system is able to collect, process and display data from the following systems:

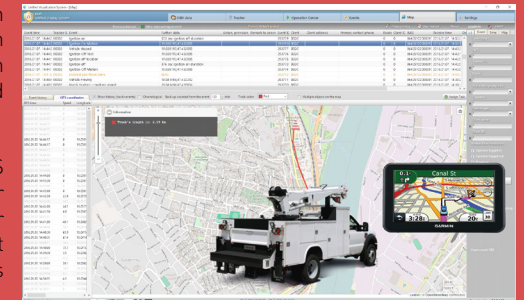
- collecting data from intrusion protection devices (safety & security alarm centers, or motion sensors, opening sensors)
- collecting data from smoke, CO detectors (alarms and error signals)
- collecting data (alarms and error signals) from personal protection panic button (SOS signal, fall detection)

All the above mentioned alerts can be forwarded to a security remote surveillance center and/or as an alarm to the smartphone of the tenants.

AUTOMATED VEHICLE LOGISTIC AND NAVIGATION SYSTEM AT AN ELECTRICITY DISTRIBUTION COMPANY

The goal was to replace human dispatchers at a company with an automatic dispatching solution which can optimize work processes and vehicle routes.

We implemented an overall GPS tracking and logistical system for service cars with a work organizer for car drivers. Our incident management module helps register incoming calls and problems as a ticket.



The service supervisor delegates the nearest service vehicle team to assign a job to the PNA device (navigation device) in the car. The tracker connected to the PNA helps the driver receive the GPS coordinates related to the received task on PNA, then automatically locates the address and identifies the object or location in the service area. The driver approaches the site (PNA reports to the center) and performs the service task. At the end of the process, the driver fills out a form, and the ticket is closed.