ADO GSM2 wMBus

Characteristics:

Reading: built-in Wireless M-Bus EN13757-4:2013 standard transceiver, mode
T1 in compliance with EU RED 2014/53/EU.
Sensitivity: -100dBm.
GSM modem Quad band: 900MHz, 1800MHz / 850MHz, 1900MHz
SMS and GPRS multi-slot class: 12/10
GPRS: mobile station class B compliant to GSM phase 2/2+
Parameterizing: Optical IrDA
Antenna: two external antennas for GSM and wMbus
Logger and alarm memory: flash 512kb, circular type
Typical way of sending a report: E-mail, periodically, usually once a day.
Power supply: two separate batteries for microcontroller and GSM
Typical battery life: for the reading of 16 meters with one e-mail message per week, 5 years.
Working temperature: -20°C to +50°C
Casing: Plastic IP65, 120x65x40mm.

ADO GSM2 wmbus device is designed for transmitting the status readings to a remote computer via GSM/GPRS network.
A remote computer can be anywhere in the world provided that it has an internet connection. One ADO GSM2 device can be connected to (transmit) maximum of 16 slave devices (in this case ADO wM-Bus devices). Ado GSM2 device needs to be installed as high as possible above the ground (for its installation are usually used the existing electrical power or telephone poles) and within the range of wM-Bus devices we intend to read.
The ADO GSM2 device can be configured to log individual status for each water meter at a predetermined date and time and to transmit the logged data via GSM network to e-mail server.
The INSA Web application (software) pulls up the statuses from the e-mail server and stores the data on the Cloud service. In web application the data can be viewed, printed or exported to one of the standard formats that can be imported into billing and collection software.