



2N[®] SmartCom PRO for Enerfis

A System for the Collection of Important Energy Data



enerfis

SUCCESS STORY

The response of those involved

Using a 2N[®] SmartCom PRO multi-utility data concentrator from 2N in this project provided an easy, effective and functional way of collecting data from various energy meters. The ability to connect various communication interfaces for terminal energy meters at the same time, led to very effective implementation, with a mere seven units covering over 100 connected measuring devices.

During the installation, we appreciated 2N's flexible response to non-standard situations that occurred during implementation.

Executive Officer, Vladimír Svozil

About our customer

Enerfis was incorporated in 2011 and has focused on more efficient use of energy since its inception. It specialises in facility energy management with the aim of reducing facility operating costs resulting from energy consumption, and reducing wastage.

What led Enerfis to change?

The owner of the two office buildings at which the project was implemented is highly motivated to find possible savings. There are photovoltaic panels installed on the roofs of the buildings, a modern condensation boiler in the basement and lots of other technologies to reduce the energy demands of the managed buildings. What the buildings lacked however, was a system for collecting important energy data from installed meters, automating the whole data collection process and thus enabling energy savings to be found.

Benefits:

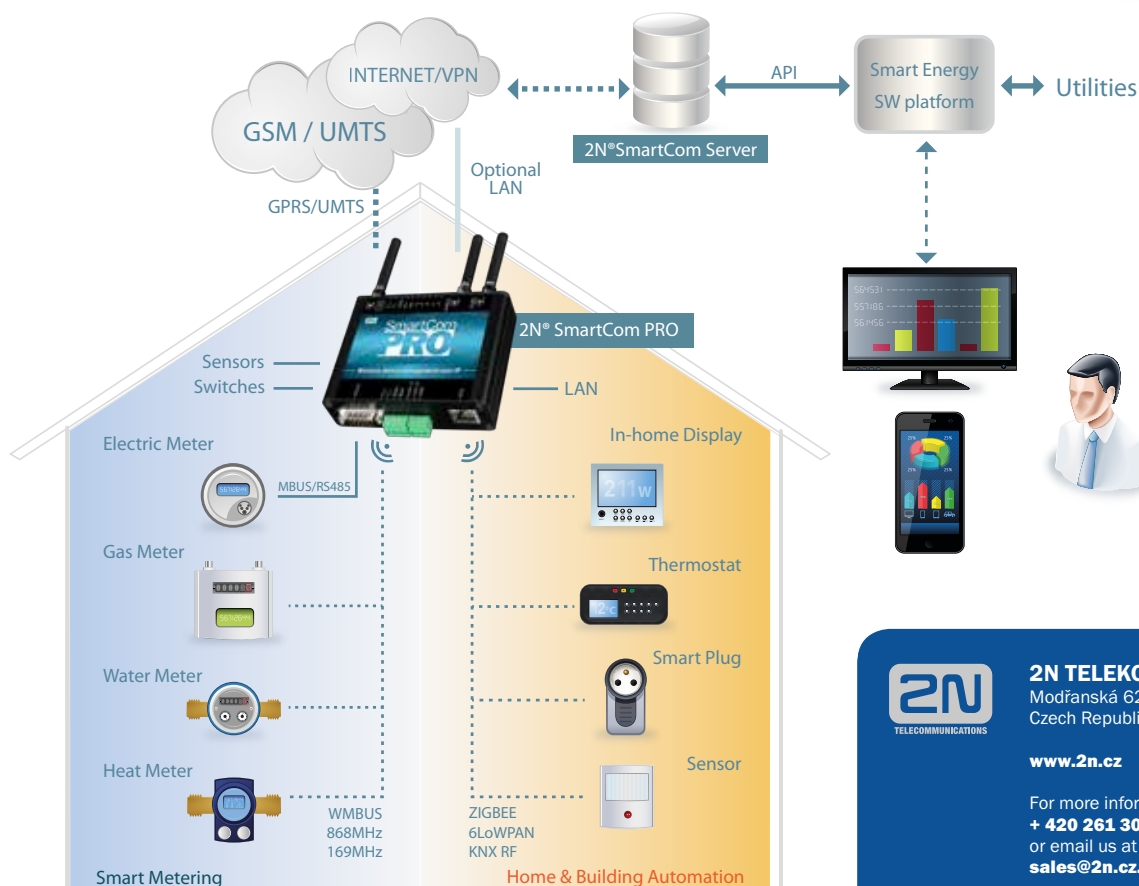
- Suitable for comprehensive energy management
- Ability to read all types of energy
- Heat in v kWh, gas in m3, electricity in kWh, water in m3
- Various intervals for readings depending on the type of energy
- Presentation of output in easy-to-understand graphic form
- Ability to operatively decide on the regulation of individual energies
- Clear overview of savings according to the type of energy strategy chosen

Why did the customer choose 2N® SmartCom PRO?

The project consisted of using 2N® SmartCom PRO units for the collection of data and a data concentrator for the various meters used in the buildings (44 electricity meters, 33 calorimeters, 22 water meters, 7 gas meters) based on various technologies (M-bus, wireless M-bus, pulse output). A total of seven 2N® SmartCom PRO units were used to read all the meters and send data at frequencies of between 10 minutes and one day via ethernet to an [Enectiva](#) application from Enerfis, which uses data from the 2N® SmartCom PRO units and operates as a user-friendly tool for comprehensive energy monitoring and reporting.



Installation of 2N® SmartCom PRO



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