



Application Report

Electricity and service – all from one source

Partner div. providers in the energy sector
Area Energy Contracting

Energy Contracting

Energy service

Plant monitoring

Facility Management

Partner

Various providers of total packages in the energy sector. The offer includes the power supply and the creation and maintenance of the necessary infrastructure.

ComatReleco products in operation

- CMS-10R Messaging System

Have you ever had your nerves frayed from being sent from pillar to post because of something as trivial as a defective outdoor light?

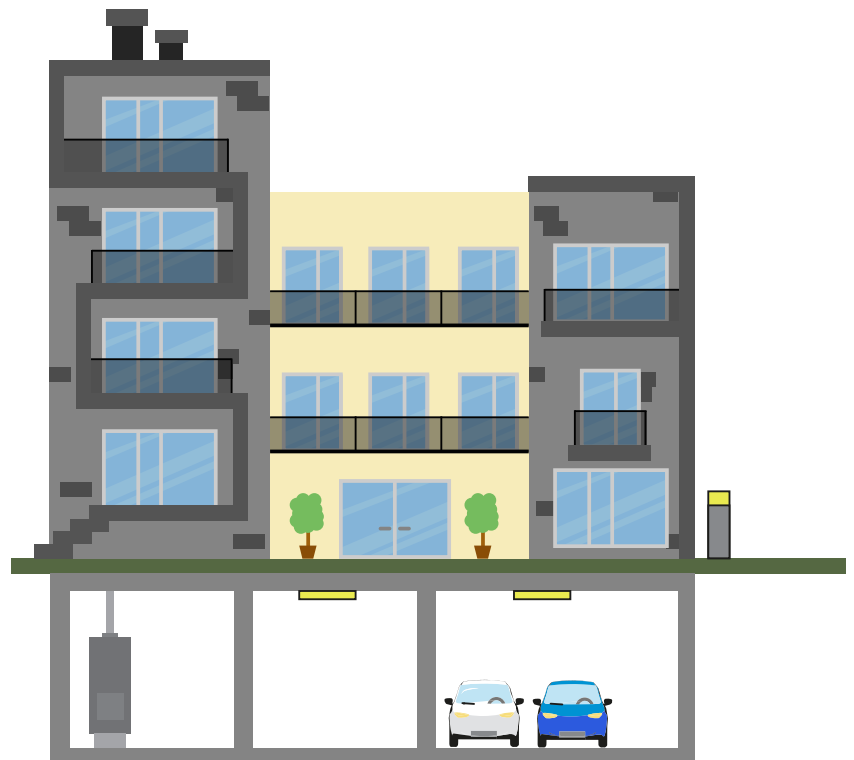
An energy supply model known as «energy contracting» is gaining acceptance in the real estate industry. In this model, one company offers all services, from the construction of the supply lines to commissioning and maintenance. Customers have a single point of contact for the energy supply to their property.

To illustrate this supply model, we will use a fictitious apartment building with ageing infrastructure. The owners decide on a total renovation of the building.

In order to minimize the organisational effort, they enter into a contracting agreement with the municipal utilities that covers the replacement of all energy systems – from heating to cooling to electricity. The subsequent maintenance of the equipment is also part of this overall package. Owners have a single point of contact: the project manager. This person organizes and coordinates the work and responsibilities in the departments.

For the subsequent maintenance of the infrastructure components, the interfaces must be defined and designed consistently. Careful planning and clarity about who needs what information at what time are prerequisites for smooth operations. Once the information channels have been defined, they can be implemented using remote monitoring and telecommunication systems.

The ComatReleco CMS-10R messaging system is perfectly suited for this task. In principle, a transmitter module can monitor any type of sensor or actuator and report status changes to a defined receiver. The monitoring of in-house facilities is possible in any number and combination. The CMS-10R can be used to monitor heating systems, ventilation, power, access control and more.



In case of changes of state, the configured CMS-10R system will report them accordingly. There are different scenarios possible. The message can be sent via push message to a smartphone, or as an e-mail or SMS message. Furthermore, it is possible to inform the recipient via voice message. An initial check of the message is possible with the app on the smartphone. Often, the functionality can already be restored by simple acknowledgement or by an on or off command. The message can also be sent to an alarm server, which then notifies the appropriate persons.

Thus, the CMS-10R remote monitoring and control system enables optimal use of resources for safeguarding infrastructures

