



enQube

Our Smart Building Gateway

Be it Smart Home or Smart City – with enQube you are perfectly prepared to collect meter data, temperatures and other status data in the future. Up-to-date technology standards facilitate your daily business and improve your processes. Integrated logical functions and additional features open up manifold new options – eg recording of time series or evaluation of measured values including notification in case of exceeded limits.

Your benefits at a glance

- Our technology platform offers secure investment into your future digital business
- Real-time value acquisition and evaluation in intervals of up to 1 second
- Logical function and alarms eg in case of faults and disturbances
- Remote maintenance and remote configuration
- Independent data transmission replaces manual reading
- Flexible mobile service connection due to LTE (4G) and GPRS/EDGE (2G) provided in one device
- Optional: data transfer with enQuant via LoRaWAN
- Highest security standards met as all data is transmitted in encrypted form via OpenVPN, IPsec or TLS connection
- Independence from third-party systems and metered data collectors
- Communication with connected power units, SMGW and many more via routing feature

Our platform for your digital business

More convenient, more secure, providing better energy efficiency – that is living in smart cities. And with enQube you lay the foundations. We considered customer-specific use cases for smart home and smart grid and thus designed enQube as local data hub. This way you are able to easily integrate additional business areas such as landlord-to-tenant electricity at reasonable costs. Integrated applications deliver additional benefit. These applications capture meter readings as well as quality data such as temperatures or flow rates every minute or every second and assess this data on the basis of individual sets of rules and regulations. In case of irregular values, enQube sends an alarm message (eg an email) in real time to the system or directly to you. Disturbances such as leakage are therefore detected very quickly and you are able to take corresponding measures.

BSI ready means secure investments

With enQube, we provide a solution that perfectly meets the demands of smart grids. With regard to the future roll-out, we took care that enQube can be smooth and easily integrated into the smart meter gateway infrastructure. This way you lay the foundations already today for the future infrastructure of the smart grid thereby securing your investment. Secure communication will also be very easy for you with enQube.

Independent and interoperable

We at GÖRLITZ are proud to be an independent provider of automatic meter reading, metering solutions and services for more than 40 year. With our products you too remain competitive and independent from providers of energy or billing services as well as from utilities. Thanks to our experience gained in decades as market leader in metering, GÖRLITZ systems

speak the languages of more than 500 devices. Use your already existing system or apply IDSpec to by GÖRLITZ. This further proves the unique interoperability of our technology.

Data acquisition every second and automated data transfer

The device automatically sends recorded data in adjustable intervals via Push to the system or by email directly to your inbox. GÖRLITZ enQube records and transfers data every second.

Plug and play – remote configuration and maintenance

You can configure enQube easily from your office. A technician is only required once to install the device. Afterwards, you are able to execute maintenance processes, firmware updates or new configurations right from your desk or automated – even without a separate back-end system.

Up-to-date communication standards

One of enQube's outstanding features is up-to-date IP communication using a broad range of network modes. The device can send data via LTE (4G) or GPRS/EDGE (2G) and selects the network with the best transmission bandwidth. And with our enQuant extension, enQube becomes a LoRaWAN gateway.

Secure transmission

Data transmission is comprehensively protected. Data is always securely transmitted using OpenVPN, IPsec or TLS via web services. External attacks do not have any chance to decrypt data traffic.



Use cases smart buildings and smart homes

- Billing of heating and running costs
- Smoke detector monitoring
- Landlord-to-tenant electricity and landlord-to-tenant heat (photovoltaic, solar, CHP, storage)
- Automatic transmission of heat, gas and water quantities
- Visualization of energy consumption/energy management
- Burst pipe monitoring
- Automated control and monitoring of legionella bacteria
- Environment monitoring (mould prevention, eHealth, active and assisted living)