

DIEHL
Metering



IZAR IoT GATEWAY PREMIUM

THE POWERFUL ALL-IN-ONE
IoT GATEWAY FOR SMART
METERING AND SMART CITY

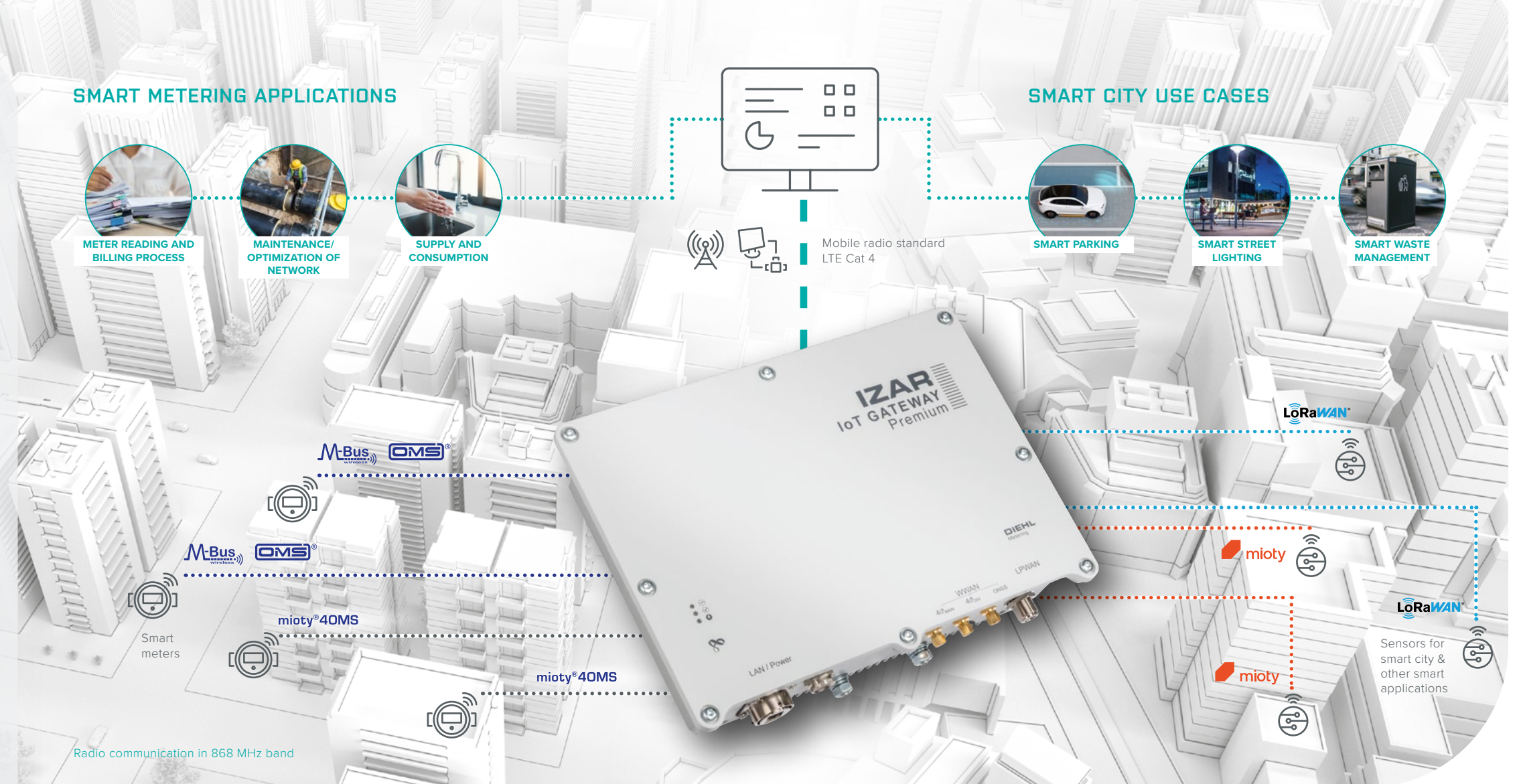


mioty® 4OMS

IZAR IoT GATEWAY PREMIUM

One gateway. Various IoT technologies for smart metering and smart city. Create your cost-efficient super-network.

IoT technologies for smart metering realize use cases that help to improve the network of a utility. Typical smart city IoT technologies enable cities to benefit from a variety of sensors that generate data to improve the quality of life for their citizens and open up new business opportunities for utilities. However, managing several IoT technology infrastructures is a challenge. Yet with the IZAR IoT GATEWAY Premium you can create a cost-efficient super-network that integrates typical IoT technologies into a single infrastructure. This multiconnectivity gateway stands for highest flexibility and a long-term future-proof investment.



SMART METERING & SMART CITY TECHNOLOGIES IN A SINGLE INFRASTRUCTURE

- Investment in only one type of gateway needed
- No building up and maintenance of several types of gateways
- Being in control of only one infrastructure

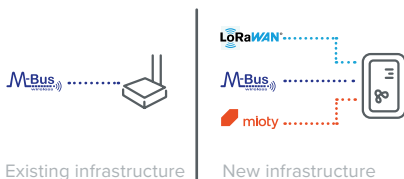


Your benefit

Have all the IoT technologies you would like in one infrastructure and benefit from a simpler installation and maintenance process.

INTEGRATION INTO AN EXISTING NETWORK

- Simply add other IoT technologies by exchanging the already installed gateways with the IZAR IoT GATEWAY Premium – no need to find new gateway locations
- With the backwards compatibility, you can keep your meters and exchange them at your own speed



Your benefit

Avoid a lot of effort and high costs when integrating new technologies into an existing infrastructure.

RADIO RANGE

- Extreme Extended Range Mode reaching up to 11 km
- For reaching meters in challenging installation situations

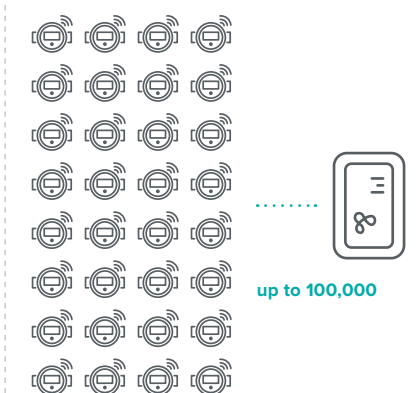


Your benefit

Reduce investment and operating costs through reliable coverage of large areas with a lower number of gateways.

SCALABILITY

- Enables massive IoT
- Up to 100,000 transmitting devices

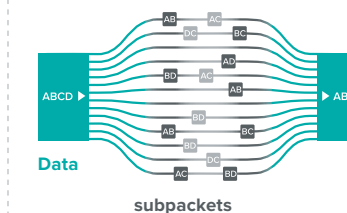


Your benefit

Get numerous radio telegrams with only a few gateways and benefit from the low Total Cost of Ownership.

RADIO ROBUSTNESS WITH INNOVATIVE MIOTY®40MS

- Reliable hourly data transmission through telegram splitting (sending at different times, on different frequencies)
- Enables interference mitigation with other networks
- Lowest packet error rates despite a crowded spectrum



Your benefit

Profit from highest data availability to realize your use cases without losing any important information.

DATA PROTECTION

- End-to-end security from meter to Meter Data Management (MDM) software



Your benefit

Your customers will value secured data flows.

ENERGY EFFICIENCY

- Despite high data frequency, volume and extreme radio range

Your benefit

Benefit from a rewarding long-term investment.



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**EMPOWER A
SUSTAINABLE
FUTURE**