Smart meters 2.0
Laying the foundation for resilient, efficient, secure smart meters

Smart metering is changing the way energy utilities are doing business. However, for the industry to reach its full potential, smart meter vendors should seek to benefit from the latest cellular connectivity breakthroughs and revolutionize their old processes. Here you can compare traditional operations with new functionality, including Zero-Touch, Global Connectivity, and Easy Device Lifecycle Management.

**TRADITIONAL** smart metering operations

- **Complex Design**: Several components that need to be sourced and put together manually.
- **Complicated Regional Production**: Requires a multitude of regional SKUs, so manufacturing logistics are more complicated.
- **Lengthy Installation**: Multiple SKUs need to be found to create the strongest network.
- **Unstable Connectivity**: Susceptible to a flow disruption if the signal fails or it relies on one provider’s connectivity.
- **Costly Field Maintenance**: Time-consuming updates require visits from field technicians.
- **End of Life**: Risk of back-end access due to lack of proper enforcement.

**STREAMLINED** smart metering operations

- **Simple Design**: One connectivity device with all its components under the same roof.
- **Easy Global Production**: Meter can be deployed on any cellular network anywhere in the world thanks to a single SKU.
- **Out-of-the-box Installation**: Automatic connection to an optimum network.
- **Reliable & flexible Connectivity**: Automatically switches connectivity network if signal failure occurs, avoiding loss of data.
- **Streamlined Remote Maintenance**: Secure device updates take place over-the-air, at scale.
- **Secure End of Life**: Meter credentials are revoked to prevent cloning or malicious access to active meters.

**Examples**

**Savings**

- Reduced installation costs
- Improved connectivity
- Lower maintenance costs
- Enhanced security

**Impact**

- Increased energy efficiency
- Improved customer satisfaction
- Reduced environmental impact