

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 true potential, smart meter vendors should seek to benefit from the latest cellular connectivity breakthroughs and revolutionise 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

STREAMLINED smart metering operations



Complex Design

Several components that need to be sourced and put together manually



1.



Simple Design

One connectivity device with all its components under the same roof



Complicated Regional Production

Requires a multitude of regional SKUs, so manufacturing logistics are more complicated

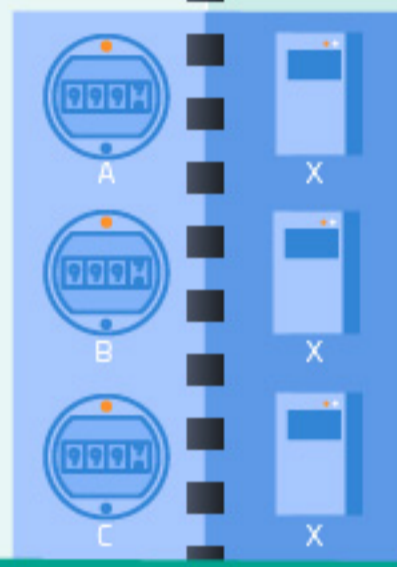
2.



Easy Global Production

Meter can be deployed on any cellular network anywhere in the world, thanks to a single SKU*

SKU = Stock Keeping Unit



Lengthy Installation

Multiple SIM trials needed to find the strongest network

3.



Out-of-the-box Installation

Automatic connection to optimum network



Unstable Connectivity

Susceptible to data flow disruption if the signal falters as it relies on one provider's connectivity

4.



Reliable & flexible Connectivity

Automatically switches connectivity network if signal falters - avoiding loss of data



Costly Field Maintenance

Time-consuming updates managed by technicians on site

5.



Streamlined Remote Maintenance

Secure device updates take place over-the-air, at scale



End of Life

Risk of back end access due to lack of proper retirement

6.



Secure End of Life

Meter credentials are revoked to prevent cloning or malicious access to active meters fleet

