

Globy

Built for Modularity, Flexibility, and Interoperability



Smart meters as enablers for efficient operations

Energy Utilities face increasing challenges in ensuring efficient, reliable, and transparent grid operations. **Aging infrastructure and fragmented data management** hinder their ability to optimize maintenance, automate processes, and operate remotely. At the same time, issues such as **technical losses, energy theft, and billing inaccuracies** continue to impact both operational efficiency and customer trust. Implementing **Advanced Metering Infrastructure (AMI)** at scale **adds complexity**, as deployments must span diverse geographies, integrate with aging legacy systems, and adapt to varying regulatory environments.

These challenges demand solutions that are **not only robust and secure but also highly adaptable and scalable**, ensuring seamless integration while supporting future grid modernization initiatives.

Discover the Solution

Globy is a **next-generation smart meter and intelligent device for the smart grid of tomorrow**. Thanks to its **modular and interoperable design**, it supports multiple communication technologies such as **G3-Hybrid, PLC, RF Mesh, LTE, and NB-IoT** that can be **upgraded in the field** without replacing the meter. The meter family includes direct mono and triphase meter, CT meter, and data concentrator.

Fully compliant with **DLMS/COSEM and built on open standards**, Globy ensures seamless integration with legacy systems, third-party meters, and any **Head-End System (HES)** supporting the same standard.

Its **flexible hardware and remote upgrade capabilities** enable easy adaptation to evolving communication standards, delivering scalability and long-term value across diverse grid environments.



Modularity

It allows communication modularity features, making it simple to adapt to different needs



Flexibility

Due to the modular capabilities, Globy is adaptable to diverse environments and DSOs geographies



Interoperability

Built on open standards, it can be easily integrated with DLMS/COSEM devices & systems

Covered use cases

Where smart intelligence **meets real impact**. Empowering a **connected, efficient, and reliable grid**, today.

What it enables...

Remote Meter Management

Remotely configures, updates, and monitors smart meters to **reduce field operations and improve efficiency**. Enables faster issue resolution, secure firmware upgrades, and near real-time diagnostics. **Supports proactive maintenance and enhance grid reliability**.

Distributed Generation Monitoring

Monitors energy produced by prosumers, such as solar users, to ensure accurate billing and grid stability. Provides near real-time visibility into distributed generation performance. Supports balanced energy flows and integration of renewables.

Accurate Billing & Transparency

Delivers **clear, near real-time consumption data** to customers for precise billing and improved trust. Enhances transparency with detailed insights into usage patterns. **Reduces disputes and strengthen customer confidence**.

Power Outage Detection & Last Gasp Alerts

Together with the concentrator capabilities the smart meters send a final signal before losing power, enabling instant outage detection. Helps DSOs respond quickly and restore service faster. **Improves reliability and minimizes downtime for customers**.

Multi-Tariff and Load Shedding Applications

Enables flexible pricing models and demand-side management to optimize energy consumption. Reduces peak load stress through controlled load shedding strategies. Supports grid stability while offering **cost-saving opportunities** for customers.

SaaS/MaaS Enablement

Enables **service-based business models** with metering-as-a-service offerings. Leverages scalable, cloud-ready infrastructure for flexible deployment. Supports utilities in **reducing costs and accelerating digital transformation**.

Business Impact



OPEX efficiency

Up to **30-40%** OPEX efficiency through monitoring for ordinary/emergency maintenance



Revenue protection

Up to **65%** on network and grid interruptions



Customer services

Up to **25%** of customer services enhancement