

SYMBIOT

POWERED BY ISKRAEMECO

Data-driven efficiency with the Symbiot software suite

Faced with rising pressure for operational efficiency, grid complexity, and service excellence, utilities struggle to extract value from AMI components and all collected data.

Using Symbiot, utilities will be able to make informed, data-driven decisions, hence optimizing their efficiency, performance, and sustainability across diverse applications.

Symbiot is more than just an advanced meter management software; it's a universal utility management platform, offering track records of large-scale deployments, ease of commission, and widespread applicability across electricity, water, and gas services.



Symbiot features

Reliability

The platform's successful track record underscores its reliability, providing utilities with a trusted solution for critical operations.

Easy integration and interoperability

Using open standards and technologies ensures effortless integration with existing legacy systems and minimizes your custom development costs. Third-party devices can be integrated with ease.

Scalability

Symbiot grows with your needs, with a scalable architecture allowing for easy expansion to accommodate evolving requirements and changes in legislation.

Modularity

Customize your system by using only the modules you really need, minimizing system costs with a flexible licensing model.

High security

End-to-end security is provided through the use of advanced, standard-based security methods.

Multi-utility

A generic platform for electricity, water, heat and gas.

Managed services

Supports on-premise HW, virtualized HW, cloud deployment, or SaaS and DaaS modes of operation.

Flexibility and customisation

Adopts new functionalities very quickly to suit your project needs. A future-ready solution.

Open platform

The Symbiot software suite is an open platform, where third-party applications can be integrated.

Packages

To fully tailor our solution to your needs, we offer a modular package of Symbiot apps.



Symbiot HES

Head-end system focusing on collecting data from multiple sources.



Symbiot MDM

Meter data management system and analytics software.



FieldAssist

Platform for organized and efficient field work.



Symbiot Water

Digital water management.



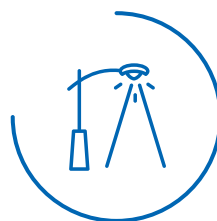
Symbiot Energy 360

Customer application.



Symbiot Twinner

Digital twin of the electricity grid.



Symbiot Elumia

Smart lightning management system.



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Benefits

As a powerful, customizable, and future-proof utility software platform, Symbiot uses Symbiot Apps to deliver measurable benefits proven by use cases:

- Digitizing data: from raw data into valuable insights, moving beyond basic correlations.
- Reducing losses and increasing flexibility.
- Optimizing energy management processes.
- Streamlining processes and reducing manual interventions.
- Better resource utilization while lowering operational overhead.
- Automatizing data transfer.
- Providing Grid supervision.
- Integrating renewable energy resources.
- Theft, fraud and abnormality detection.
- Detecting grid imbalances on multiple levels.
- Increasing customer engagement.

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