



iskraemeco
BY ELSEWEDY ELECTRIC

SYSTEM SW. SEP2W

Head-End System with MDM Features

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Benefits.

+ **Configure your package and minimize costs**

The modular design of SEP2W allows you to customize your system by using only the modules you truly require thus minimizing system costs. A flexible licensing model is designed to support your needs.

+ **A solution supporting your growth**

The reliable and fully scalable platform provides you with a solution not only fitting your current needs, but also the needs that may arise in the future due to system expansion, changes in legislation and/or operational requirements.

+ **Optimize processes with a flexible approach**

SEP2W is an extremely flexible solution, whose service-based design fully supports optimization of your processes throughout the organization.

+ **Seamless integration that generates savings**

Use of open standards and technologies ensures effortless integration with existing legacy systems and in turn minimizes your custom development costs.

+ **Take your customer support to a higher level**

The system ensures prompt notification of any exception condition detected in the grid, allowing you to dispatch maintenance personnel within seconds of a power outage. Consumer oriented solutions increase customer engagement in energy conservation activities.

+ **Provide End-to-End security with the most advanced methods**

High-level authentication and encryption methods are essential for a secure data transfer between the E-meter and the Head-End System. End-to-End security is guaranteed with the use of advanced standard-based security methods.

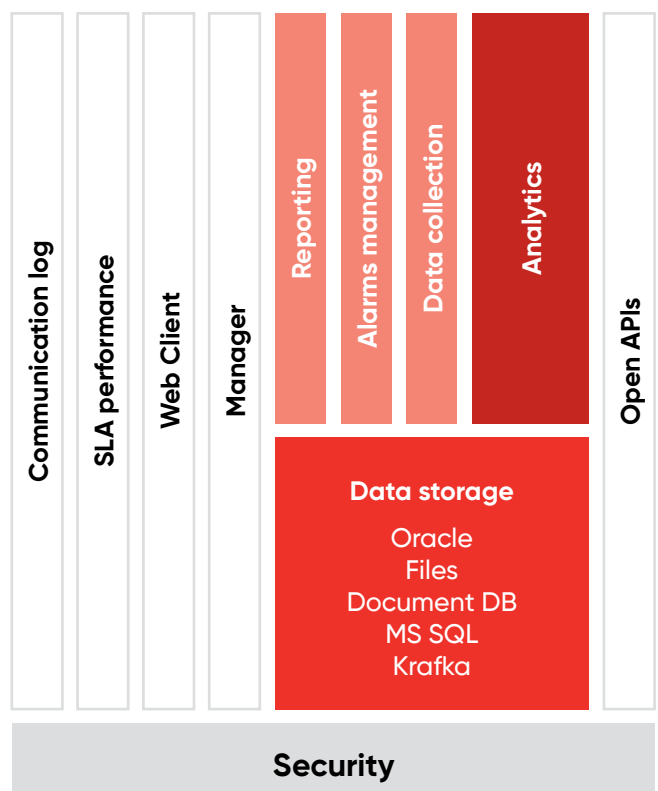
Advantages.

- Flexible and advanced template - based or ad hoc reports
- Easy device group management with minimal effort for group handling (one definition applied to a group of devices for reading, reconfiguring, reporting, etc.)
- Optimizes resource utilization with automatic load balancing
- Features secure pull and push mechanisms (IDIS, DLMS/COSEM) for data retrieval from metering devices
- Automized management of MBus devices
- Template based system with managed features
- Seamless integration third devices
- Sends push notifications to other systems
- Extends system features with a simple addition of new functional modules
- Extends system performance with a simple addition of parallel instances of server modules
- User friendly web GUI for simple monitoring and operation with Multilanguage support
- Enables deployment on existing hardware and use of virtualization technology of any choice
- Eliminates the need for dedicated backup solutions - all data is stored in the database so existing backup and restore procedures in the database management system can be utilized
- No proprietary formats - supports automated file dump to FTP or network folders and email data exchange in XML, CSV, XLS, PDF and other formats
- Comes with a powerful Open API library (SOAP web services, CIM integration layer, File base integration...)
- Enables customer support personnel to perform on-line meter reading and move-in/move out procedures (disconnection/reconnection of power supply)
- Allows easy communication with customers via multiple communication channels, including web portals, text messages and emails regarding the consumption of all energy sources
- Provide overview on critical operation with devices (who/when/from where did what an device)

Editions.

Module	Base Edition	Professional Edition	Enterprise Edition
Database	o	o	o
Core	o	o	o
Manager	o	o	
Web Client (web application for daily operation)	o	o	o
Meter Access	o	o	o
Meter Reading	o	o	o
Scheduler	o	o	o
Reporting	o	o	o
Alarming	o	o	o
Aggregation	•	o	o
Validation	•	o	o
Estimation	•	o	o
Web services	•	•	o
CIM service	•	•	o
Import/Export	•	•	o
MeterView plugin (group parameterization of devices)	•	•	o
Communication log	•	•	o
SLA performance dashboard	•	•	o

■ Head-end functionality • Option





About Iskraemeco.

Iskraemeco is one of the leading smart metering solution providers on a global scale. Since 1945, Iskraemeco employees have been transforming valuable experience, innovation and a sound understanding of our customers' needs into comprehensive energy management solutions.

With electricity meters addressing diverse market demands, a variety of communication tools, software for meter data management and comprehensive services we help energy companies shape the future of energy generation and management. Iskraemeco has an established network of partners, subsidiaries and production facilities that offer reliable and efficient support services to our entire client base.

Iskraemeco aims to revolutionize sustainability practices within the electronics industry. With a fully transparent supply chain and a strong commitment towards addressing the major issues the electronics industry is facing – energy intensity, material scarcity, unfair labour conditions, use of conflict minerals and E-waste, we are setting ground for a fair smart grid.

Iskraemeco Quick Facts.

- + More than 70 years of know-how and quality
- + A complete and rejuvenated product portfolio
- + All ISO quality certificates
- + More than 10 million smart devices in operation
- + Delivering future-proof solutions worldwide
- + A founding member of the IDIS Association
- + Part of Elsewedy Electric
- + Established global partner network
- + A Fair Meter pioneer



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