power your future

ZPUE®
Koronea

SPS Soft

Control | Scada Lite | Scada Pro | RTU - Remote Terminal

SPS Soft **Control**

SPS Soft Control is a local Energy Management System (EMS) based on a PLC controller. The system combines control logic with modern visualization available both on an HMI panel and from a web browser – within a local network or via VPN connection.

Features:

↘ **Energy infrastructure management** – a real-time system utilizing advanced algorithms for monitoring and controlling infrastructure, including intelligent energy storage management, ensuring consumption optimization, load balancing, and increased power supply reliability.

↘ **Operational parameter visualization** – clear overview of current operational data from devices.

↘ **Event, alarm, and data history** – archived messages and measurement data available for viewing and analysis in chart format within the browser.

Application:

↘ The SPS Soft Control system is dedicated for local installations with single-container energy storage.

SPS Soft **Scada Lite**

Scada Lite is a cloud-based supervisory system designed for convenient monitoring of energy infrastructure managed by SPS Soft Control. Data from multiple locations is presented in a single, clear web application accessible directly from a browser.

Features:

↘ **Remote monitoring via browser** – a central supervisory system that enables connection of multiple SPS Soft Control systems from different locations and presentation of their data in a single web interface.

↘ **Data archiving and analysis** – intelligent data aggregation allows for reviewing trends and measurement history spanning multiple years on clear charts.

↘ **Notifications and security** – automatic email alerts and data transmission based on secure, industry-standard protocols.
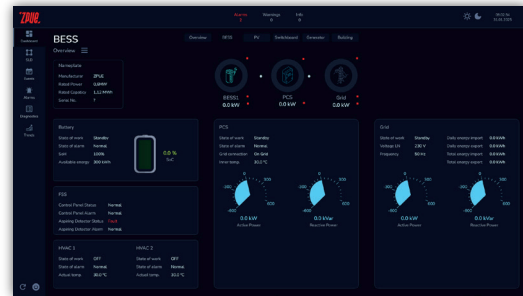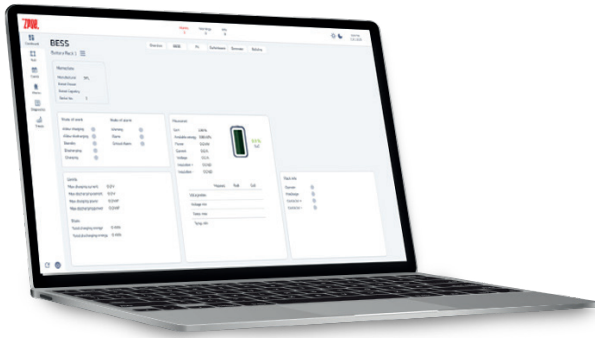
Application:

↘ The SPS Soft Scada Lite system complements the SPS Soft Control system, providing convenient access to key information, data analysis, and report generation – all within a single, clear web application.

SPS Soft **Scada Pro**

Scada Pro is a local, fully functional SCADA system enabling both supervision and remote control. It operates on a dedicated server. It offers features such as data visualization, event history, reports, and integration with additional components such as PV or generators.

Features:

↘ **Local SCADA system based on Zenon platform** – deployed on the client's server or on a server provided as part of the implementation, with architecture tailored to the facility's specifics and user requirements.

↘ **Interactive visualization and analysis** – SLD (Single Line Diagram) diagrams, intuitive dashboards, and advanced reporting enable quick topology overview and installation performance analysis.

↘ **Extensive integration and standards compliance** – support for multiple communication protocols, CIM data model support (IEC 61970/61968/62325), and integration with other systems.

↘ **Alarm notifications** – optional SMS or email alert delivery.

Application:

↘ The SPS Soft Scada Pro system is dedicated for projects requiring advanced supervision and for environments with elevated requirements in terms of cybersecurity and reliability. It performs well in facilities where compliance with the CIM data model (IEC 61970, IEC 61968, IEC 62325) is of key importance, as well as in large-scale installations – such as multi-container energy storage systems.

SPS Soft **RTU - Remote Terminal**

RTU is an expansion module that enables integration of external devices – such as photovoltaic installations, transformer stations, or generators – with Scada Lite, Scada Pro, and Control systems. It operates as a communication gateway, converting data from devices to a format supported by the system. It enables their monitoring, and in the case of SPS Control and Scada Pro systems, also remote control.

Features:

↘ **Extensive integration** – support for external devices such as PV installations, transformer stations, energy storage systems, and generators.

↘ **Flexible communication gateway** – ensures reliable data reading, aggregation, and transmission through support for multiple communication protocols (Modbus, IEC 60870, DNP3).

↘ **Local data buffering** – continuous operation even when connectivity with the supervisory system is lost – data is automatically transmitted once connectivity is restored.

Application:

↘ The RTU module enables integration of external devices such as PV installations, generators, or gensets with the SPS Soft system, ensuring smooth and reliable communication.

System Comparison

↘ **Control** - Local EMS system based on a PLC controller, combining control logic with simple visualization available locally. Designed for smaller facilities that do not require central supervision.

↘ **Scada Lite** - Cloud-based monitoring system with clear panels accessible via browser. Does not offer control functions – focuses on clear information presentation in the form of charts and panels. Can handle multiple locations.

↘ **Scada Pro** - Advanced SCADA system installed on a physical server, providing full supervision, control, and compliance with industry standards. Individually designed, ideal for applications in complex industrial systems.

Funcion	Control	Scada Lite	Scada Pro
System platform	PLC controller	Cloud	Local server
Control	✔	—	✔
Visualization	●○○	●●○	●●●
Event and data history	●○○	●●●	●●●
Reporting	●○○	●●○	●●●
SLD diagrams	●○○	—	●●●
CIM compliance	—	—	✔
multi-location integration in single system	—	✔	✔
ES installation size	1 container	multiple containers	any

Tailored Solutions

ZPUE offers comprehensive energy storage solutions that cover all project stages – from initial design, through equipment manufacturing and delivery, to installation execution, commissioning regardless of LV/MV/HV connection point, and servicing.

COMPREHENSIVE DESIGN

REDUCED INVESTMENT IMPLEMENTATION TIME

COST OPTIMIZATION

INTEGRATED IMPLEMENTATION AND COMMISSIONING

WARRANTY AND POST-WARRANTY SERVICING

Strong Brand and Market Responsibility

37 YEARS OF EXPERIENCE

LONG-TERM DEVELOPMENT AND INNOVATION STRATEGY

SUSTAINABLE DEVELOPMENT AND ECO-FRIENDLY SOLUTIONS

PRODUCT QUALITY AND RELIABILITY GUARANTEE

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