POWERFACTORS

Central SCADA

Data from All Your Sites, OEMs, and Asset Classes in One Place

Deployed in the cloud or on-premise, our central monitoring system (CMS) offers remote, centralized access to all your plants, integrating events, alarms, and operations control center HMIs into a single interface. This empowers you with tools for monitoring and control as well as grid and market integration for solar, wind, battery, microgrid, and hybrid assets, enabling you to unlock new revenue streams and increase asset availability.

KEY BUSINESS DRIVERS

RESILIENT SECURITY STANDARDS

Keep operations secure and compliant across geographies with cybersecurity based on ISO 27001 and ISO 27019 standards. Operator actions and control commands are protected with appropriate credentials.

INTEROPERABLE & OEM-AGNOSTIC

Our Central SCADA supports monitoring, control, grid, and market integration for solar, wind, battery energy storage, microgrid, and hybrid assets across geographically distributed plants. It connects with any system in place from any vendor.

MISSION-CRITICAL ALERTS

Minimize equipment downtime with immediate SMS and email notifications for critical alarms. Alarm detection and management are independent from the equipment of the asset.

NEXT-GEN MONITORING

Our real-time architecture enables the collection, visualization, and storage of raw data from the field to the cloud-based central management system — so you can see more and do more, unlocking new revenue streams.

Central SCADA

Central Monitoring and Control to Reduce OPEX and Increase Asset Availability

PPC
ROBUST & RELIABLE

Effective grid integration is an absolute necessity for all renewable energy sources. We offer solutions customized to each grid and control need worldwide.

SCADA
ACCURATE & INTUITIVE

You need real-time performance monitoring, accurate fault recognition and user-driven control. Get enhanced performance and reduced OPEX with our next-generation SCADA.

CMS
SECURE & POWERFUL

Imagine your entire portfolio of assets under a unified cloud-based platform. Advanced KPIs, analytics, and centralized control optimize your assets and unlock new revenue streams.

SMART MONITORING

- Data acquisition according to the IEC 61724 standard
- Retrofits
- Buffering
- Alerts
- Data export and reporting

REAL-TIME CONTROL

- Local and central controls and SCADA
- Dynamic control
- Grid integration
- Third-party SCADA (optional)

Turnkey solution for renewable energy asset and BESS asset monitoring

Support for all your geographically distributed assets through a common control center

Cybersecurity based on ISO 27001 and ISO 27019 standards

Alarm detection and management independent from the equipment of the asset

Support of multiple and geographically distributed cloud instances

Real-time monitoring using data streaming techniques applied down to one-second intervals

Operator actions and control commands protected with appropriate credentials

Immediate notification of problems or equipment downtime; SMS/email notifications for critical alarms

Monitoring and recording of necessary data for the automatic creation of a variety of reports

Overall Plant Power Control (PPC) and grid integration

Energy production forecast

Easy integration with third-party platforms