

Local SCADA, EMS & PPC

Local Monitoring & Controls

**Stay in control of your operations
with real-time performance
monitoring and cutting-edge controls**

Stay in control of your operations with our enterprise Local SCADA, Local EMS, and asset-specific Power Plant Controller (PPC) solutions. Offering unparalleled flexibility and a uniform approach to the operation of renewable energy power plants, our local monitoring and control solutions provide everything you need for seamless grid integration and efficient market participation—as well as all the necessary tools to maximize capacity and speed, minimize latency, and optimize operations.



Local SCADA

Securely monitor your renewable assets on-site for reliable & efficient performance.

Local EMS

Locally monitor, control & optimize BESS or hybrid portfolios to ensure compliance with market & grid demands.

Power Plant Controller

Locally control & optimize solar assets to ensure compliance with market & grid demands.

Key business drivers

Accurate & intuitive

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

Robust & reliable

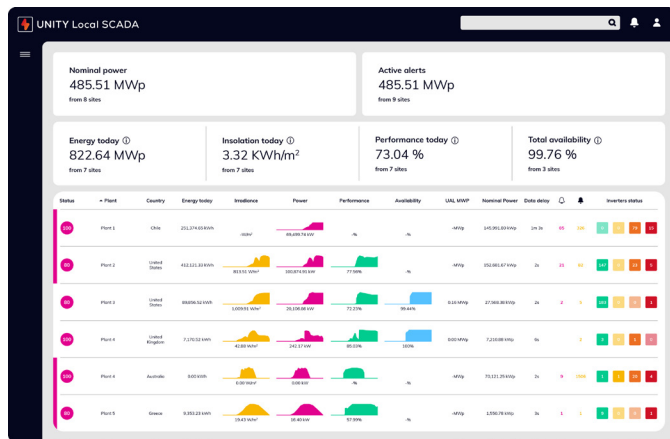
Effective grid integration is an absolute necessity for all renewable energy sources. We offer solutions customized to each grid and control need worldwide.

Secure & powerful

Real-time control of your power plants and worldwide grid code compliance enable you to deliver market services and plant operations while optimizing power and energy use in real time.

Monitoring and controls for reliable and secure renewable plant operations

Local SCADA, EMS & PPC



PPC dual dynamic redundancy

Ensure system reliability with PPC dual dynamic redundancy. Our solution incorporates redundancy by duplicating the control unit within a power plant controller or using a second separate PPC, guaranteeing continuous and dependable operation.



Modular & extensible architecture

Easily and quickly add new services and data sources with our modular and extensible architecture. Our scalable, highly available IT infrastructure supports equipment from multiple vendors, including inverters, power meters, weather stations, and energy storage systems.



Real-time monitoring

Enhance performance and reduce OPEX with real-time asset monitoring, accurate fault recognition, and user-driven control.



Grid compliance & plant control

Optimize operations and ensure utility grid stability with our plant control solutions. Featuring dynamic, on-demand controls for PV, storage, and hybrid plants, our solutions manage all parameters with rapid response times for effective grid compliance and plant control.



Grid integration interface

Ensure seamless grid integration with our interface, which offers native support for most standardized solar plant buses and proprietary protocols. Enhance compatibility and streamline operations with our robust and versatile integration capabilities.



High-availability servers

Minimize downtime and ensure continuous operation with our high-availability servers. Offering redundancy and fault tolerance, these servers provide reliable utilization through load balancing, failover mechanisms, and a robust backup system.



Intuitive user portal

Enhance operational efficiency with our intuitive, accessible user portal. The interface provides your team with a structured on-site overview identical to the cloud-based control center. Access our SCADA system from anywhere and receive alerts via SMS or email.