

clean energy connected



Locus Smart Monitoring

Our product is a web-based monitoring and performance optimization platform that integrates with any type of distributed energy system.

The Locus Smart Monitoring platform combines revenue-grade metering hardware and web-based software into a scalable energy generation and usage monitoring service. The platform works with any current or future type of power inverter, collecting performance data continuously and uploading it to Locus' servers. Both installation professionals and their end-users can then log on to customized portals giving them real-time access to system information.

Automated SREC and Compliance Reporting

The systems you install are generating valuable Solar Renewable Energy Credits. Normally, these would need to be manually recorded and then transmitted to a state agency or public utility commission on a regular basis for the useful life of the system.

Smart Monitoring enables you to automate this task, while at the same time reducing any requirements for an audit/true-up to ensure that the numbers being recorded match what the system actually is producing.

This revenue-grade accuracy and report automation helps to ensure that the environmental and economic benefits of your installed systems are being maximized.

Performance Optimization

In addition to monitoring, the Locus platform continually runs patent-pending diagnostic algorithms to identify underperforming systems. Catastrophic system degradations such as inverter or string failures are unusual and generally easy to diagnose.

It is the non-catastrophic degradation such as unanticipated shading, pollen/dust accumulation, etc. that can go unnoticed for long periods of time and significantly affect system efficiency.

By providing a set of customizable and automated diagnostics, Locus enables installers to proactively optimize system performance.

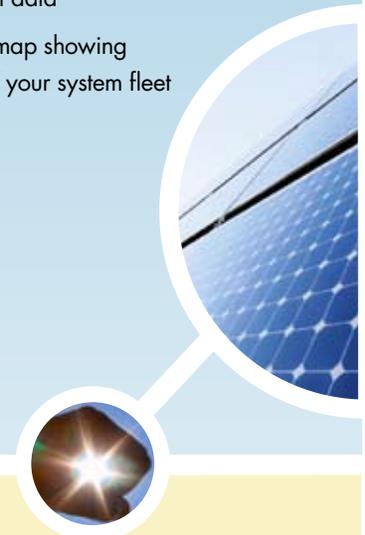
Fleet Management

For installers who manage multiple installations, we offer a suite of tools to increase the efficiency of fleet management:

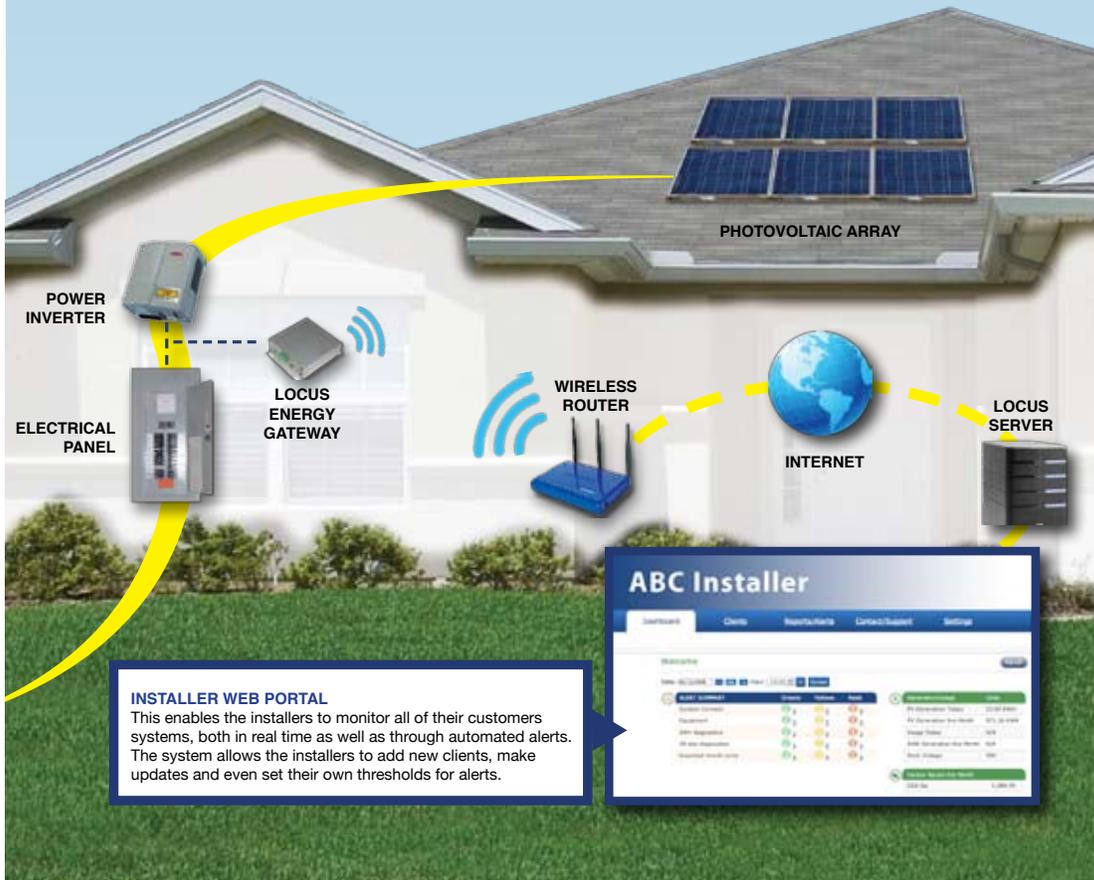
- Customizable system performance alerts
- Quick links to 24-hour, monthly and lifetime fleet data
- Interactive map showing locations of your system fleet



www.locusenergy.com
1-877-LOCUS-EN



distributed energy solutions



INSTALLER WEB PORTAL

This enables the installers to monitor all of their customers systems, both in real time as well as through automated alerts. The system allows the installers to add new clients, make updates and even set their own thresholds for alerts.

ABC Installer



technical specs

> Voltage Inputs

- 85-264 Volts Line To Neutral or Line to Line
- Universal Voltage Input
- Input Withstand Capability 4k VAC
- Single Phase

> Current Inputs

- Specified CTs for 0-600 Amps
- Pass through wire diameter: 0.75" or 1.25"

> Communications

- Wired via Ethernet
- Wireless via IEEE 802.g Wi-Fi
- Wireless range – up to 150 feet
- Wired range – up to 1000 feet

> Environmental Rating

- Storage: (-20 to +70)° C
- Operating: (-20 to +70)° C
- Humidity: to 95% RH Non-Condensing Indoor use only without cabinet
- Built in mounting brackets
- NEMA 12 boxes available for exterior use

> Data Storage

- 1 device/5 min. increments: 2 mos
- 1 device/15 min. increments: 6 mos.
- 5 devices/15 min. increments: 2 mos

> Power Supply

- 85 to 264 Volts AC 50/60 Hz Universal Input

> Standard Communications

- RS232 Ports (Back Plate)
- RS485 Modbus Port (Front Plate)
- Ethernet RJ45
- USB

> Dimensions and Shipping

- Weight: 1 lb 10 oz
- Basic Unit: H2.0 x W6.5 x L6.5

> Compliance:

- Certified by TUV Rheinland of North America
- ANSI C12.20 (0.5% Accuracy)
 - IEC 61010 (Safety)
 - FCC 15 Part B
 - IEC 60068-2-27 (Mechanical shock)
 - IEC 60068-2-6 (Mechanical Vibration)
 - CFR 47 ANSI C63.4 (Radiated emissions)

> Warranty:

- 10 years limited warranty for power-meter, data logger

features

Plug and Play integration

- Quick setup for new and retrofit installations
- Works with any type of power inverter
- Gateway can simultaneously measure PV, solar thermal & building demand

Intuitive interface

- Dashboard view displays status of entire install base at a glance
- Easy to drill-down to specific clients and systems
- White-labeled client portal allows installers to offer branded web-based monitoring to end-users

Robust diagnostics and reporting

- Continuous system performance monitoring and diagnostics - automatically spots degradation
- User-configurable voltage and current alerts
- Downloadable performance graphs and spreadsheets

benefits