

Solar Data Systems

Get The Facts

Solar solutions for monitoring, visualization, evaluation, troubleshooting & control

SolarMaaS

Not all solar plant issues are the same, and neither are the solutions. We believe, one company can supply all the comprehensive and **hardware-neutral** solutions to complex solar plant issues through the innovative integration of its product portfolio, service offerings, customer support and industry connections:

Solar Data Systems
is that company!



Solar Data Systems

Solar Monitoring as a Service (SolarMaaS)



Solar Monitoring as a Service. Solved!



Solar Monitoring, Control, Power and Energy Management. **Solved!**

- Unmatched component compatibility (2,500+ models; inverters, meters, storage systems, weather sensors, and more)
- A single software view for your entire solar fleet (residential, C&I, small utility-scale)
- Reduced back-end, onboarding and training time; customized enclosures available
- Revenue Grade Metering, REC Incentive Reporting Services (e.g., GATS/PTS, NEPOOL, WREGIS, etc.), Performance & Consumption Monitoring, Feed-in, Power and Surplus Management



Solar Revenue-Grade Metering. **Solved!**

- REC Incentive Reporting Services (e.g., GATS/PTS, NEPOOL, WREGIS, etc.)
- LTE cellular capability; regular and remote disconnect/reconnect switch option available
- Plug & play design, quick and hassle-free installation, easy & intuitive portal with mobile app
- Socket meter exceeding ANSI standards



Solar Public Display Systems. **Solved!**

- Visualization of multiple solar installations with flexible presentation features
- Display to work Cloud2Cloud with inverters and monitoring solutions from numerous manufacturers
- Systems already in use in 10K+ public and commercial properties worldwide; indoor and outdoor options



Solar Asset Management & REC Incentive Reporting Services. **Solved!**

- Compatible with data loggers, inverters, meters and other components from almost every manufacturer
- Flexible tools and remote services to decrease downtime, increase production, save time & money and get peace of mind
- Visualization, monitoring, alerts & notifications, customized packages, analysis, performance reports and more
- REC Incentive Reporting Services; Cloud2Cloud or other available data transfer protocols (e.g., API, 3rd party cloud, MQTT, OPC, etc.)

Solar Monitoring as a Service. Solved!



Solar MET Stations. Solved!

- High accuracy MET Stations for Utility Grade and C&I Solar Plants
- Performance Monitoring, Solar Resource Assessment and Wireless Tracker MET Stations
- Flexible options to meet all standards and budgets
- Full installation, commission and O&M service



IoT SCADA, Power Control Solutions & Congestion Management. Solved!

- Standard and tailor-made solutions for the large-scale and utility segment
- Flexible integration of inverters, diesel generators, grid, energy storage, clouds and loads
- PPC Power Plant Controller regulating and controlling independent/hybrid PV inverter networks, devices and equipment
- Mature, established and reliable hardware & software setup with flexible support and service options (more than 3.1 GW installed worldwide)



Solar Storage Data Management & Incentive Reporting Services. Solved!

- Visualization, Monitoring and Management for all hybrid systems
- REC Incentive Reporting Services (e.g., GATS/PTS, NEPOOL, WREGIS, etc.)
- Powerful hardware, software, service package options – one login, one platform
- Optimized efficiency, accurate performance monitoring, incentive reporting - all in one



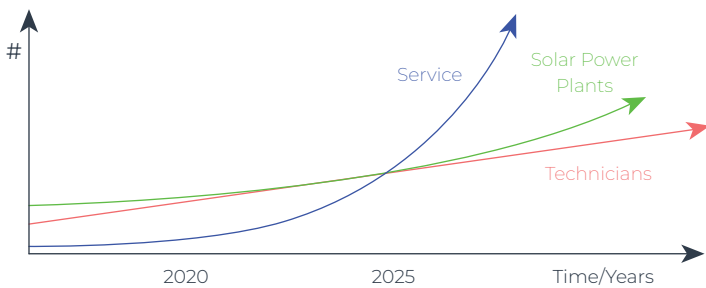
Solar Troubleshooting. Solved!

- Multi-function analyzer PLUS fault finding
- Super-fast verification of overall PV system health
- Detection of potential failures in less than 5 minutes
- Reduction of truck rolls, easy use for technicians and works in low irradiance

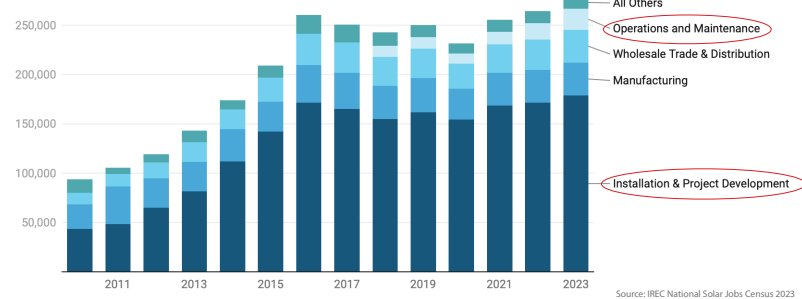
Why Solar Monitoring as a Service (SolarMaaS)?

PV plant growth could soon outweigh the number of qualified solar technicians needed to manage and maintain every system effectively in the long run.

Solar Energy Industry Challenge



US Solar Employment Growth by Sector



Ensure reliable operation, optimal performance and maximum benefits with **SolarMaaS!**

- Performance analytics and optimization
- Improving system efficiency
- Maximize production, minimize downtime
- Fault detection
- Reliable operation and optimal performance
- Reporting and alert details
- Invaluable time and money savings
- Peace of mind

Solar energy is a considerable and long-term investment, and in order to secure that investment, the yields of the plant must be ensured, making perpetual control necessary. Solar arrays are complex systems with many components and numerous error sources, theoretically and practically, which can have many different causes. In today's solar industry, efficiency, accuracy, and streamlined operations are more critical than ever.

Protect your PV Investments with **Solar Monitoring as a Service.**