

Solar Data Systems

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



Solar Monitoring as a Service



One Fleet | One Login

Solar-Log® WEB Enerest™

Solar-Log® WEB Enerest™ provides a complete overview of individual plant information in real time, perfect for analyzing errors and performance. The data is processed and prepared for you in the portal, which enables faster and easier review and troubleshooting.



Share as many plants and fleets as you like with all your users. Integrate external service providers into your workflows with Solar-Log® WEB Enerest™ and decide who has access to which functions. Additional proactive services are available with PV Sentry.

Added Value and Benefits

- **Complex data made understandable**
Create your own views with which you can meet your plants' individual requirements. Inverters, MPPT, strings and battery storage are just a few of the compatible components.
- **One portal, many data loggers**
Work with data loggers from many manufacturers with Solar-Log® WEB Enerest™. Error detection and analyses with the Solar-Log® tools.
- **Reliably minimise yield losses**
As an installer and service provider you can reliably protect your PV investments and minimize your customers' yield losses.
- **Enerest ToGo: Monitoring and service on the move**
Our mobile monitoring and service app can be downloaded free of charge for Apple and Android. Monitoring with notifications and creating PV systems on the web made easy.
- **Free updates**
We publish new features and bug fixes at regular, 1 to 2-week intervals. We're continuously developing Solar-Log® WEB Enerest™ further.

Solar-Log® WEB Enerest™ Features

Security

- Triple data redundancy
- Modern encryption methods for data and accesses
- Flexible authorization concept for users
- Data is backed up several times a day

Monitoring

- Control center offers central overview of PV plants
- Error detection of deviations and component status
- Communication monitoring for the portal and components
- Error archive and mass archiving
- Errors can be added to the task list
- Browse real-time updates
- Event monitoring for battery storage and meters
- Pre-selected graphics with relevant data at the time of the error



Pinboards and slideshows

- Build your own views
- Set as home page
- Choose from 45+ widgets
- Display pinboards on your website or external monitors
- Slideshow of multiple pinboards

Analysis

- 10+ Enerest views
- Build your own views
- Compare components across plants
- Zoom and download
- Control possible via keyboard
- Graphical views for day, week, month, year and lifetime
- KPIs: technical availability (day, week); performance ratio (day, week, month, lifetime)
- Analyze several days in a row



Task list

- Task management per plant
- Comment feature
- Progress overview
- Link to monitoring for converted errors
- Individual tasks

Data studio

- KPIs: Specific yield (day, month, year); technical availability (day, month, year)
- Events for all connected components
- Value matrix (raw data)
- Power management regulations
- Data download

Administration

- Plant, fleet and user administration
- Monitoring settings
- Configuration of module fields
- KPI and financial settings
- Flexible assignment of users to assets and fleets
- Continuous documentation of significant timeline changes

Other functions

- API for developers
- Compatibility with data loggers from other manufacturers
- Remote configuration (HTTP transfer only)
- Customized portal colors and logo
- Smartphone and tablet compatibility
- White and dark mode

