Solar-Log WEB Enerest™ 4

Highlights of the New High-performing Online-Portal

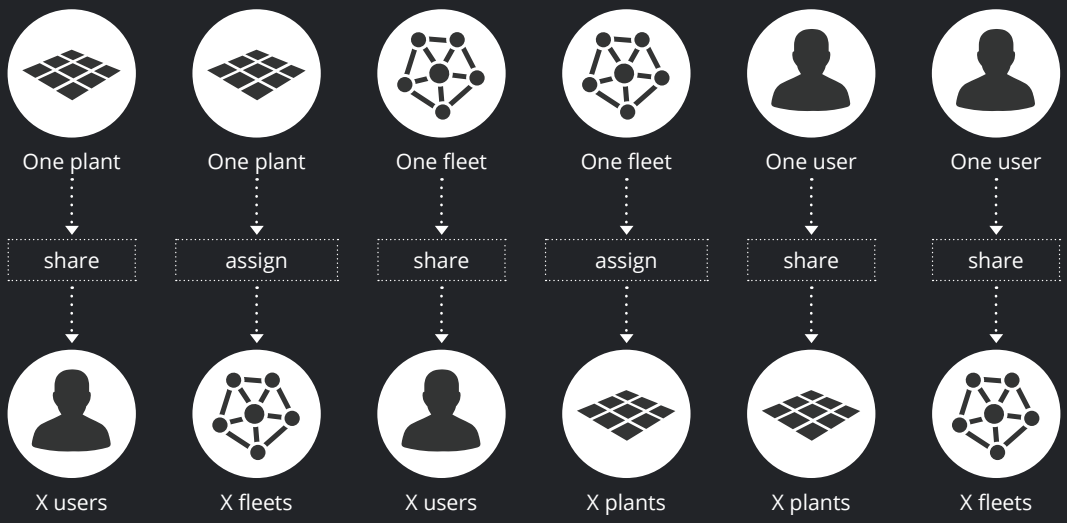
More than just PV monitoring

Thanks to a completely new approach using linked individual services, the system availability of the monitoring platform is now increased and the monitoring does not affect the performance even with high workloads..

Solar-Log WEB Enerest™ 4 provides an intelligent compilation of individual plant information in real time, which is relevant for analysing errors and performance. The Solar-Log™ data is processed and prepared for you in the portal. This enables faster and easier troubleshooting and analysis. You can therefore guarantee a smooth plant operation.

Management

Share as many plants and fleets as you like with all your users. This way you can also integrate external service providers into your workflows with Solar-Log WEB Enerest™ 4. You can decide who should have access to which functions.



Analysis

In the analysis module you can examine your data in detail. Choose from existing Solar-Log WEB Enerest™ 4 views, for example for string inverters, MPP trackers, sensors or battery storage. If these views don't yet meet your requirements, you can easily compile a graphic yourself.

7x Inverter 107.9 kWp
Time range
Day
25/03/2022
Name *
Save
Configuration
Select view
COMPONENTS
TRACKERS
WR 1
String 1
String 2
WR 2
String 1
String 2
WR 3
String 1
String 2
WR 4
String 1
String 2
PAC
12:40
PAC: WR 7 0 W
PAC: WR 6 10.72 kW
PAC: WR 5 10.33 kW
PAC: WR 4 10.44 kW
PAC: WR 3 10.08 kW
PAC: WR 2 10.26 kW
PAC: WR 1 9.99 kW
ETOTAL
12:40
ETOTAL: WR 7 0 Wh
ETOTAL: WR 6 42 kWh
ETOTAL: WR 5 41.4 kWh
ETOTAL: WR 4 41.8 kWh
ETOTAL: WR 3 40.6 kWh
ETOTAL: WR 2 41.5 kWh
ETOTAL: WR 1 40.7 kWh
PDC
12:40
PDC: WR 7 - String 2 0 W
PDC: WR 7 - String 1 0 W
PDC: WR 7 0 W
PDC: WR 6 - String 2 5.49 kW
PDC: WR 6 - String 1 5.5 kW
PDC: WR 6 10.99 kW
PDC: WR 5 - String 2 5.38 kW
PDC: WR 5 - String 1 5.25 kW
PDC: WR 5 10.63 kW
PDC: WR 4 - String 2 5.47 kW
PDC: WR 4 - String 1 5.38 kW
PDC: WR 4 10.85 kW
CHANNELS
Production
Norm. PAC
Norm. PDC
Temp
I.AC
Tech. Av.
I.DC
PAC
ETOTAL
PDC

Virtual plants

Do you have large plant parks, for example with many transformer stations, and want to examine production values at the park level, for instance? Then create a virtual plant with just a few clicks. We will then calculate total values for you via several data loggers.

Monitoring

With real-time updates in your browser, we can always show you the latest information without having to reload pages. This ensures that you're always working with the latest messages and data.

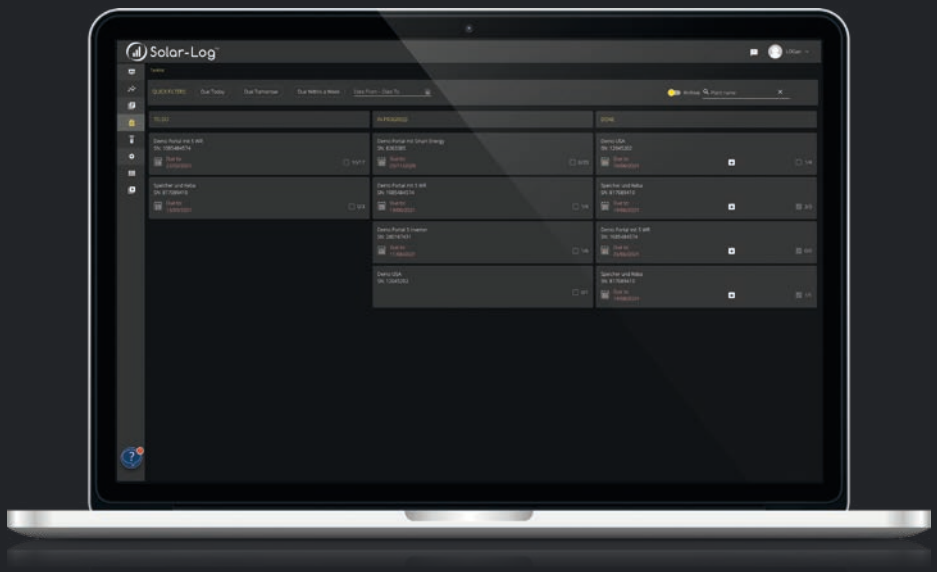
Overview of your options

- Event monitoring of battery storage systems
- Monitoring communication between the Solar-Log™ and the connected components
- Communication to Solar-Log WEB Enerest™
- Status and events for connected components
- Detecting deviations

For each type of error, we've compiled error-related data on one page so that you can analyse all the important data at a glance. You can then decide whether you want to see more graphics, archive the error or convert it into a task.

Task list

This is where all the converted errors come together and we group them in a plant card. Here too, all your tasks are grouped together and clearly displayed. To check your progress, you can place the plant cards in one of the three columns.



Pinboards & Slideshows

You can build your own views from over 45 widgets on pinboards. Choose from the widgets you already know from Solar-Log WEB Enerest™. Decide which data should be displayed for which plants. You can lay them out and design them as you like. As soon as you've created several pinboards, you can also create a slideshow. A slideshow shows several pinboards one after the other. Saved pinboards and slideshows can be called up again and shared at any time.

Features of the new Solar-Log WEB Enerest™ 4

Security

- 3-fold replication of all data in the EU
- Modern encryption methods for your data and accesses
- Flexible authorisation concept for users
- Data is backed up several times a day

Monitoring

- Control centre: central overview of your portfolio
- 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
- Browser real-time updates
- Event monitoring for battery storage and meters
- Pre-selected graphics with relevant data at the time of the error

Task list

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

Visualisation

Analysis

- 10+ Enerest views
- Build your own views
- Compare components across plants
- Zoom and download
- Control possible via keyboard
- Views for day, month, year and total
- Analyse several days in a row

Pinboards and slideshows

- Build your own views
- Set as home page
- Choose from 65+ widgets
- Display pinboards on your website or external monitors
- Slideshow of multiple pinboards

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

Reporting

- Balance report
- Inverter yields
- KPIs
- Daily alarm report
- Download as PDF
- Send as email

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 changes (timeline)
- Remote commands (firmware updates, diagnostic files, ...)

Other functions

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

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.

High level of customisation

You decide on the colours, plant groupings, portal logo or your workflow. Your own home-page and individual views are just some of the possibilities.

One portal, many data loggers

Work with data loggers from many manufacturers with Solar-Log WEB Enerest™ 4. Error detection and analyses with the Solar-Log™ tools.

Enerest ToGo: Monitoring and service on the move

Our mobile monitoring and service app can be downloaded free of charge for Apple and Android devices. Monitoring with notifications and creating PV systems on the web made easy.

Reliably minimise yield losses

As an installer and service provider you can reliably protect your PV investments and minimise your customers' yield losses.

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.