

Solar Data Systems

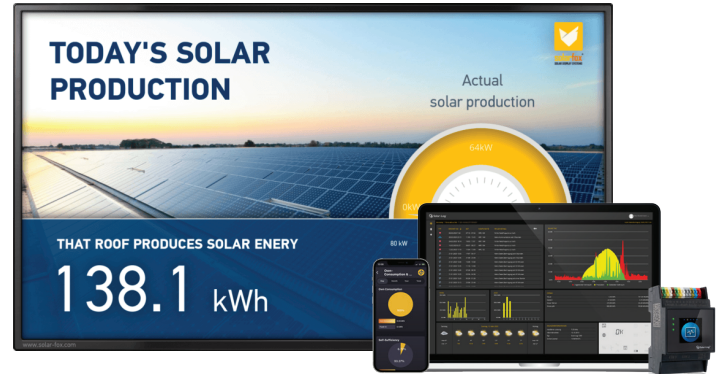
Solar solutions for monitoring, visualization, evaluation, troubleshooting & control



Solar Monitoring as a Service



for Schools, Colleges,
and Universities



Schools throughout the world trust **Solar-Log®** to provide the solar monitoring performance data needed to ensure that their PV plants are running optimally, and free of errors, for a higher return on their investment.

Additionally, they rely on **Solar-Log®** to help teach students the importance of energy conservation and renewable energy consciousness.

Solar-Log® dashboards can be displayed on a computer or tablet to help students learn, or it can be displayed on a **Solarfox®** public display in the school office or lobby, so it's easily visible to students, parents, faculty, and staff.

Solarfox® takes energy education further by offering fun images and text to captivate the minds of students eager to learn about their school's renewable energy contributions.



Solarfox® displays help educational institutions showcase their contribution to the future of energy and climate protection, helping to make a positive impact on the next generation of our eco-conscious society. **Solarfox®** displays allow schools to visualize their sustainable energy consciousness and commitment to all the building's visitors.

Bringing solar data to life in the classroom has never been easier!

Solar-Log® Benefits & Values

Solar-Log® offers a wide range of options to solar plant owners and O&M providers for perfect, all-around support. The monitoring portal can be tailored to the specific needs of the project, and the plant can be remotely managed and monitored in real time from the comfort of your office. When performance errors occur, data can be accessed and analyzed, allowing the appropriate service action to be taken.

Share as many plants and fleets as you like with all your users. Integrate external service providers into your workflows with Solar-Log® and decide who has access to which functions.

Security

- Data encryption and redundancy

Monitoring

- Centralized fleet overview
- Error detection and component status
- Communication and event monitoring
- Real-time updates and mass archiving

Visualization

- Customizable views
- Compare and contrast across plants
- Daily, monthly and yearly views

Administration

- Flexible plant, fleet and user administration
- KPI and financial settings



Solarfox® Display Benefits & Values

Solarfox® displays can be used as innovative bulletin boards for your own presentations, animations, webpages and logos. Operation is child's play and can be done from anywhere.



Photovoltaic system



Inverter



DSL-Router
(LAN/ WIFI)



Internet/ Cloud



Solarfox® Display

Solarfox® displays can be connected to almost any solar PV plant that has a data logger or monitoring system. Data communication takes place via the Internet, so there is no need to run wires between the solar PV plant and the Solarfox® display. This allows you to be highly flexible when selecting a location for the display.

Visualize solar power and tell your sustainable story with Solarfox® displays!

Compatibility

Solarfox® is currently compatible with over 70 manufacturers of inverters and systems for renewable energy.

Flexibility

An on-site internet connection is all that's required. Data and content can be visualized independently of the location of the system and changed at any time.

Customization

All content can be fully adapted to your own specifications, layouts, logos and colors. In particular, you can display your own images, videos, and files.

Visualization

You can visualize several systems at the same time on one display. The systems can be shown individually or collectively.

References

Cornerstone School, Stratham, NH

ReVision Energy identified **Solar-Log®** as the best monitoring solution for this system. The **Solar-Log®** Commercial Revenue-Grade Meter with consumption monitoring allows students to not only view how much solar energy the plant is producing, but also the amount of energy the building is consuming. The **Solar-Log®** meter also provides the revenue-grade metering needed for incentive reporting. ReVision was able to install a solar PV plant that will ultimately ensure that the Cornerstone School has all of its energy needs met through solar power production.



62.2kW Solar Plant Creates a Net Zero Campus



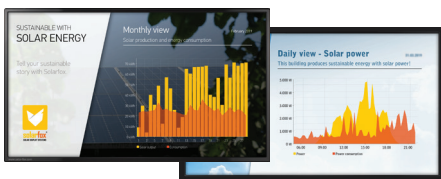
Three Solar Plants with a Total Output of 122.88kWp

Kenzingen High School, Germany

“Since 2008, we only use the **Solar-Log®** at our company. Not only does it provide precise monitoring, but it also supports in managing feed-in power into the grid and offers the option to specifically control self-consumption. The **Solar-Log®** comes with the special features of inverter independence, a versatile WEB portal and compatibility with heat pumps, battery storage, heating rods and combined heat and power units.”

Sebastian Bindner, General Manager
Carpe Sol Kaiserstuhl Solar GmbH

Contact Solar Data Systems
for more information!



Solar Data Systems

