

Turn your power plant smart



MONITOR

Monitor key performance indicators in a single view, be alerted to problems or performance degradation

MAINTAIN

Reduce your power station downtime with the built-in maintenance module and the mobile application for service technicians

OPTIMIZE

Maximize your energy production using our advanced analysis methods

CUSTOMIZE

Edit your dashboards and charts, create alarms, periodic reports and share information with your partners

4500 +
SITES
SUPERVISED
BY PVSOFT

A customized view adapted to the end user

INVESTORS

MONITOR THE PERFORMANCE OF YOUR PRODUCTION PORTFOLIO AND COMPARE WITH FORECASTS

OPERATORS

CONTROL AND MAINTAIN YOUR SITES USING A TECHNICAL TOOL COMPATIBLE WITH MOST EQUIPMENT AVAILABLE ON THE MARKET

OWNERS

MANAGE YOUR SITE'S PERFORMANCE AND BUILD IT INTO YOUR ENERGY POLICY

The PVSOFT software can be used on any type of power plant:
installed at ground level, on roof tops, connected to the grid or stand-alone

Using PVSOFT, your energy is under control

Remote performance analysis

PVSOFT monitors all your sites thanks to its customizable dashboards and its ability to notify you in case of failure or dysfunction.

This software solution is highly intuitive and easy to use, it runs as a secured cloud-based web application.

PVSOFT provides advanced analysis, such as production models or smart neighborhoods, based on machine learning algorithms developed with business experts.

Furthermore, PVSOFT offers a complete reporting solution based on your own templates and a built-in maintenance module which can be used to analyze power station maintenance and refurbishment costs.

Constraint-free information sharing

All users connect to the same single portal from their desktop, tablet or smartphone.

You can share selected charts with guests, or create a TV page for a public hall.

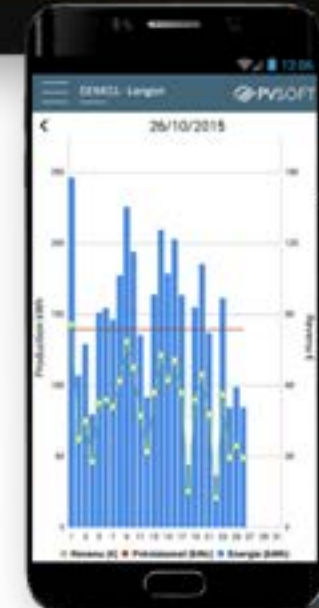
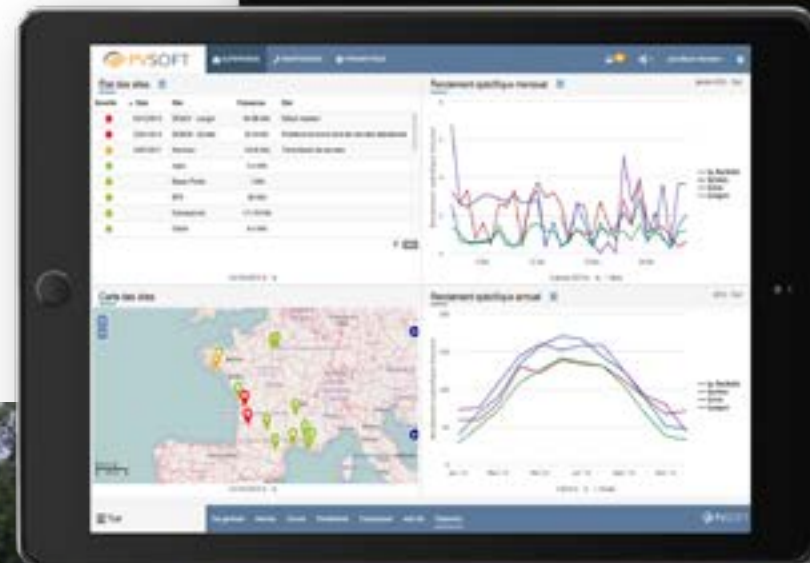
At last, you can share plant information with other PVSOFT professional users and collaborate together on monitoring and maintenance.

A Multi-site, multi manufacturer solution

PVSOFT processes your power station data using a communication gateway (datalogger) installed on site. This system sends a regular flow of data to our server, which analyze, aggregate and archive it. This data is available to you in several forms:

- > Customizable dashboards made up of widgets (charts, tables, etc.) which you can assemble depending on your needs
- > Customizable alerts by email, text message or notifications
- > Automatically generated and sent reports
- > API to connect your information system

In order to take into account the heterogeneity of your assets, PVSOFT supports any hardware : inverters, meters, weather sensors and dataloggers from any manufacturer (SMA, Huawei, Siemens, Schneider, Socomec, LTI, ABB, Kaco, SolarLog, MeteoControl, Webdyn, etc.).



On 3 secondary schools in Guyana, 2,7 Mwp, PVSOFT allows to have the detection of production defects

On Thézan-des-Corbières ground mounted solar Plant, PVSOFT manage the maintenance and analyse the performance

« We needed software that could monitor and help us to manage the maintenance of our own power stations and those of our clients from a single portal, whatever the equipment installed. For the past 6 years we have had all our assets managed by PVSOFT. The team is always available and the technical support is reactive »

Régis Deberle - Générale du Solaire





on 19 farm buildings, 1,9 MWp, PVSOFT manage the contractual guarantees provided by the manufacturer

An effective communication pack at flat-rate, no subscription charge

We offer our clients a **communication pack that includes a WebdynSUN gateway including M2M connectivity (3G network with roaming and secured VPN)**

This gateway is compatible with most inverters and has a high number of inputs/outputs. It can monitor TIC meters, pulse meters, sensors (temperature, radiation, etc.), fire alarms, intrusion detectors, lightning arresters and MODBUS equipment.



ABOUT US

Founded in 2010, S4E is a software developer specialised in energy information systems.

Currently, PVSOFT manages **over 4500 plants with any nominal power.**

In 2015, PVSOFT by S4E became a subsidiary of Apex Energies, the independent energy producer pioneering the photovoltaic industry for 28 years.

Features



Full WEB

Zero install, 24*7, reduced TCO



Security

Secure redundant server and data center



Data

Automatic data backup of data available on-line, Power API for IS connection



Monitoring hardware

Transformer, inverters, meters, strings, digital I/O



Gateway

Compatible with all commercially available gateways (Webdyn, SMA, SolarLog, etc.)



Maintenance

Create and monitor on-site work carried out internally or subcontracted (with accounting monitoring)



Invoicing

Automatically edit your production invoice based on our estimated indexes (contact us for country support)



Multi-Site, Multi-manufacturer

All your sites on a single portal



Dashboards

Customize your dashboards to your user profile



Charts

Use an extensive library of available pre-defined charts



Reports

Get regular customised reports configured to your needs



Alerts

Customise your alerts and receive incident alerts by email, text message or on your mobile



Sharing

Share data with your clients or partners or on a TV Screen



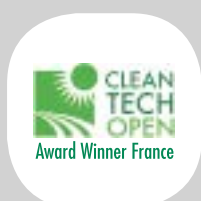
Mobile

Access the portal from your tablet or smartphone. Use the Android application to monitor incidents and manage interventions

GROUP SUBSIDIARY



AWARDED



SUPPORTED BY



CONTACT US

+33 2 30 96 65 98
contact@s4e.fr
www.s4e.fr

Bâtiment Océan Développement
 9 rue Honoré d'Estienne d'Orves
 56100 Lorient

