



SOLAR

# energysoft

## TURN YOUR POWER PLANTS SMART

Cloud application for monitoring photovoltaic plants for professionals



**13 000**  
plants  
**3 GWp**

- **MONITOR**  
Visualise the performance of all your assets at a glance, and be alerted in case of malfunction
- **ANALYSE**  
Use advanced analytics tools to track performance and receive customised reports
- **MAINTAIN**  
Reduce the downtime of your power plants thanks to the integrated maintenance module and the mobile application for service technicians
- **ADMINISTRATE**  
Manage users and customise dashboards.  
Plan commissioning in autonomy according to your own timeline

## Energysoft

software is suitable for any type of solar plants: ground-mounted, rooftop, connected to the grid or in self-consumption



### OPERATORS

Pilot and maintain your plants with a technical tool, compatible with most equipment on the market



### ASSET MANAGERS

Track your portfolio performance, and asset availability. Create your own KPIs



### OWNERS

Track your financial performance

## A multi-plants, multi-manufacturer solution

### Interoperability

**Energysoft** processes data from your plants pulled by **on-site communication gateways or PLCs** and can also fetch data directly from manufacturer cloud.



SIEMENS

KACO



solar edge

SUNGROW  
Clean power for all

ABB



### Scada Interconnection

With **Energysoft**, query your DNP3 or OPC UA devices directly from the cloud via a secure architecture

### Satellite irradiation data



## An all-in-one, powerful and flexible application

- Custom dashboards consisting of widgets (charts, tables ...) that you assemble according to your needs
- Custom alerts sent by emails, SMS or mobile notifications
- Custom reports generated and sent automatically
- Technical and financial indicators: actual vs. forecast
- Custom KPIs (calculation formulas based on mathematical expressions, conditionals, etc)
- Production modeling from the real irradiation, based on generator characteristics or machine learning algorithm
- Smart neighbouring analysis
- Loss analysis : MPPT unavailability, inverter efficiency, AC losses between inverter and meter, module temperature effect, irradiation effect...

### Distributor meter reading

Direct grid operator meter reading in case of loss of communication (France and Spain)

## Additional **Energysoft** software features



Remote power limitation based on electricity exchange



User self-commissioning



Optional communication pack including a WebdynSun PM gateway and an M2M card at flat price



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