

ENSIBO

ensibo

ensibo adopts QOS Energy's innovative O&M software to streamline management of 120 MW PV portfolio

ensibo, a German-based solar O&M service provider, has chosen QOS Energy's Qantum® software to streamline the management of the 120 MW solar PV portfolio under its care.

Qantum® is an innovative cloud analytics platform that enables the efficient aggregation and analysis of raw data streams generated by ensibo's plants.



Type of plants
Solar PV



Power of the plants
120 MW



Location
Germany



Client activity
O&M



ensibo is an independent provider of O&M services for solar power plants, and operates a wide diversity of solar installations across several countries in Europe and Asia.



Jan Gäde

Commercial Director, ensibo



Our clients expect to extract the maximum value from their solar investment by increasing power production and reducing downtimes on the long-term.

O&M Services play a vital role to achieve this goal and ensibo is their partner of choice for this.

Our team of highly-qualified engineers and technicians works on 365 days per year to ensure the optimum performance for each of our customers plants.



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The company services solar PV plants ranging from 250 kWp to 50 MWp for renewable energy investors, asset managers and independent power producers.

To optimise plant revenue, ensibo needs to efficiently treat the massive stream of data generated by the projects on a daily basis; regardless of the asset type, location or technical configuration.



Melanie von Borstel
Co-Founder & Operations
Director, ensibo



QOS Energy's management platform is a smart and flexible solution that offers the data acquisition, analytics, ticketing system, and reporting features required to achieve that goal in a cost-efficient manner.



ensibo's clients operate PV plants using a wide range of data acquisition systems and inverters.

These PV plants are sometimes sophisticated facilities that include hundreds of inverters, combiner boxes, as well as tens of thousands of sensors, which generate up to 20,000 measured and calculated values every 5 minutes.

The Quantum® renewable energy management platform seamlessly gathers the information from the plants' monitoring systems, and transforms the data into comprehensive analytics, dashboards, alerts and events.



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The cloud-based Quantum® suite features a complete set of customisable charts, dashboards, KPIs and alerts, helping users to gain a deeper understanding of the assets' performance, thereby maximising operational performance.

The platform also offers a fully integrated maintenance management system to help reduce downtime by streamlining maintenance workflows for large and complex renewable energy portfolios.



Franck Le Breton
CEO at QOS Energy

With our solar monitoring software solution, ensibo can visualise and manage global asset performance using a simple web browser. It makes it much easier to identify underperformance and increase power production across a complex and diverse renewable asset base. Our software's back-end is able to gather the raw information generated by the plants to create advanced plant management intelligence.

ABOUT ENSIBO

ensibo is an independent service provider for Operations & Maintenance of solar power plants.

[More info](#)

Our processes are targeted to secure the long-term profitability of every photovoltaic power plant under our management.

ensibo stands for a lean organization, consistent service adaptation to customer needs and one of the most extensive and at once efficient service programs for solar power plants. The company is based in Hamburg, Germany, and acts on both national and international level.

