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QOS ENERGY

The reliability of the collected information is an essential component in the Quantum® solution.



MONITORING AND CONTROLLING PHOTOVOLTAIC INSTALLATIONS

A software publisher specialised in energy information systems, QOS ENERGY develops and sells the Quantum® solution dedicated to the supervision of energy installations (renewable energies, smart buildings, smart networks).

The SaaS solar monitoring photovoltaic platform Quantum® allows the aggregation and consolidation of technical and financial data from heterogeneous energy systems of several fleets. These data can be used to create performance indicators, alerts and analyses in order to optimise the performance of photovoltaic solar plants.

Today QOS Energy monitors more than 2500 sites across the world and supervises more than 1GW of renewable energy production capacity. Quantum® records more than 60 million data items per day from more than 600,000 sensors.

In order to collect and aggregate energy data, QOS Energy counts on a reliable partner through which it can feed back large quantities of data, often extremely heterogeneous, to its information system.



A NEED FOR REGULAR FEEDBACK OF RELIABLE INFORMATION

Jean-Yves Bellet, Vice-Chairman and co-founder of QOS Energy, explains that «when creating QOS Energy in 2010, we were looking for suppliers of open and flexible data loggers on which we could rely, to commercialise our solution for the energy markets. After studying the various market suppliers, our choice turned more particularly towards Webdyn, as it had solutions that corresponded closely to our specifications», points out Jean-Yves Bellet.

The WebdynSun gateway has thus become one of the tools used by QOS Energy to feed back the information processed by Quantum®, the solar photovoltaic monitoring software on small and medium-sized photovoltaic installations.



THE OPENNESS OF THE GATEWAYS TO NUMEROUS INVERTERS IS AN ADVANTAGE FOR QOS ENERGY

«The WebdynSun gateway is developed in a pragmatic manner, leaving the door open to software publishers for them to develop their own business-specific add-ons», indicates Jean-Yves Bellet.

«The main advantages of the WebdynSun gateway are its openness and its flexibility in terms of equipment managed, particularly with the inverter models. This enabled us to adopt a more open approach with our customers».

As Jean-Yves Bellet points out, «the data compression achieved thanks to the WebdynSun gateway enables our customers in certain cases to make real savings in the communication costs».

The robustness of the equipment and the frequency of information feedbacks are necessary for high-quality monitoring because they influence the quality of the recommendations and alerts issued by the application.

Jean-Yves Bellet intimates that «Today we advise some customers with low small and medium-power installations to install WebdynSun gateways because we appreciate being able to connect our software to these open products». Thanks to the openness of WebdynSun and its flexibility of use, users frequently divert the WebdynSun gateway from its initial use in order to feed back building management data to provide, for example, energy efficiency services.

Jean-Yves Bellet concludes «today, if I had to repeat the partner-seeking exercise, I would always select Webdyn as data logger supplier».



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- Jean-Yves Bellet



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