

CG APPLICATIONS

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Market involved: Renewable Energy

Product : Eos-Gate

Customer : System Integrators

Subject : Gateway Logger for photovoltaic plants

CUSTOMER ISSUE :

The customer needs to have a solution to monitor either a single small to medium size photovoltaic plant or a group of photovoltaic plants placed in different locations .

The customer needs a complete monitoring architecture but he does not want to invest time and money in a complex IT architecture.

The customer needs to achieve the finest degree of control which can be possible by the Eos Array / Eos Array Lite solutions, as he cannot simply rely on information provided by the inverters.

OUR SOLUTION:

Carlo Gavazzi can offer a cost effective gateway solution which enables the devices placed on the field (Eos-Array / Eos-Array Lite, AC meters, Inverters) to transmit data to a remotely hosted web monitoring portal solution.

The customer can monitor his PV plant by means of a simple web-browser, without concerns about IT issues and with a high degree of reliability.

The solution is independent of the used inverters, so as to avoid to delegate the data management completely to the inverter, known as the weakest part in the PV installation.

ACHIEVED BENEFITS:

The system integrator does not need to develop complex IT skills, and can focus on the PV plant's monitoring design and management.

The customer can manage a virtually unlimited number of photovoltaic plants using a web browser, without any concerns about IT reliability and security.

The customer's personnel share a common user interface to monitor the photovoltaic plants from every place in the world, without the concern of being locked with a specific brand of inverter based monitoring portal.