

Press Release

System provider Papendorf launches tool to monitor large-scale photovoltaic plants

Gärtringen, 9 May 2008. The Papendorf Software Engineering GmbH presents a new, manufacturer-independent tool – the SOL.Connect Control Center – to monitor and visualise large-scale photovoltaic plants. The innovative hardware will be presented to the public for the first time at Europe’s largest trade fair for Solar Technology, the “Intersolar”, from 12 to 14 June in Munich, Germany.

The monitoring of individual subplants can be carried out with SOL.Connect Center. This industrial computer tests and visualises the processes and measured values of subplants independently and triggers an alarm when an error occurs. This openly configurable system is so flexible that it can easily be adapted to the individual needs of the user at any time.

Summarizing of relevant information and prioritising of malfunctions

Independent of web portals or servers, the SOL.Connect Control Center merges the functions of several SOL.Connect Centers: via grouping, building sums of output and entries, and the prioritising of malfunctions, the monitoring personnel can maintain an overview of large-scale plants with up to 500 inverters of differing manufacturers. The output data can be visualised on large displays. Additional reference sensors enable the inverter-independent evaluation of the plant data. Open interfaces, such as OPC XML or SOAP, simplify the exchange of data with products of other manufacturers.

Integration in control rooms

The communication takes place via Ethernet and/or a modem. The proven standard OLE Process Control (Openness, Productivity and Collaboration) henceforth offers plant operators, public utility companies for example, the unique possibility of integrating photovoltaic plants in established control rooms.

About the Papendorf Software Engineering GmbH

The Papendorf Software Engineering GmbH offers software services and hardware developments for system operators and manufacturers. Solutions to visualisation, to monitoring and to the management of energy-producing plants make up the focal point of the company’s activities. The spectrum of products ranges from data loggers to completely automated monitoring solutions for solar power plants.

Publisher

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