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»Operations Management Software

8.2 solman

›› *The independent operations management software for photovoltaic systems*

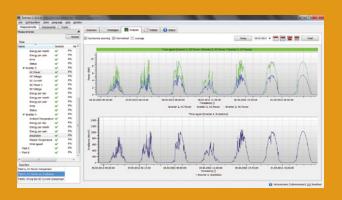## Reports & Key Figures

» Automatic creation of reports with configurable templates.

» Automatic and reproducible calculation of the technical availability and performance ratio.

User Access

» Client/server-solution for optimal application speed of the user levels. "Administrator" and "operations manager" with appropriate read and write rights.

» Online portal providing "customers" and "guests" with a quick overview; highest operational reliability through ssl encryption.

» Multilingual user interface

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Efficient Operations Management

The "8.2 solman" software was developed by the independent experts of the 8.2 group on the basis of their longtime experience and in cooperation with the operations manager ensibo GmbH. It gives the technical operations manager, for the first time, a tool to provide extremely reproducible results in a highly efficient and transparent way.

The requirements of the technical operations manager were implemented with the most sophisticated software tools in the development phase. During this process, we could benefit from the experience and successes of the "VibraLyze Pro" wind turbine vibration analysis software of 8.2 Monitoring GmbH.

With 8.2 solman, the operations manager has all technical and commercial key figures available to ensure optimal system operation in a fast and target-oriented manner.

Operating Data

» Import of the operating data of all common data loggers. This allows all systems across multiple manufacturers to be monitored from one portal.

» No additional hardware required.

» Representation and condition monitoring down to component level.

» Uncluttered graphics, simple zooming in and overlaying of diagrams.

» Very simple export of all operating data into Excel.

» Monitoring interval in real time or at any interval depending on the transmission capacity of the system.

Intelligent Background Processes

» Automatic evaluation of all operating data and setpoints by means of innovative algorithms, trend tracking and self-learning limit values. In this way only those fault messages indicating the presence of a real fault are generated. The operations manager is now freed from analysing hundreds of diagrams.

Master Data

» Availability of all master data and documents of the installed components.

» Automatic data import of the inverters and weather stations to be monitored. This also allows systems consisting of many hundreds of inverters to be quickly and reliably set up in 8.2 solman.

» Option to attach documents such as operating instructions, damage photographs or test reports to the corresponding device or file

Life Cycle File

» Management of the electronic life cycle file in a ticket system where the fault messages can be linked and all system operations and events documented in detail. Your customer thus has a checkbook maintained system.

» Planning of maintenance and rebuilding operations.

» All processes of the technical operations management can be conveniently tracked and documented.

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