

# *SOLON Vega.*

*Power Plant Monitoring and Remote Control.*



- › Control and parameterization of all photovoltaic power plants and individual components
- › Continuous status monitoring
- › Display of fault messages
- › Clear display of yield, power and environmental analyses
- › Compliance with all requirements guidelines



## *Improved Yield Thanks to Power Plant Monitoring with SOLON Vega.*

Whether at power plant or component level – the innovative, web-based monitoring and remote control system SOLON Vega helps you keep an eye on your investment at all times. In addition to the current data for your PV power plant, you can call up past values so that you can perform a year-on-year comparison and maintain a complete overview of the performance of your power plant.





# SOLON Vega – The Benefits.

## Analysis and Reporting Functions.

- › Business case reports
- › Analyses of yield (target/actual), output, efficiency and error status
- › Interfaces with further analysis tools, export function (CSV, Excel, PDF)

## Visualization.

- › Status and yield display for your PV power plants
- › Current power plant data every 15 minutes
- › Detailed display of individual power plant components (e.g. SOLON Tauri) and relevant key figures

## Plant Remote Control.

- › Comprehensive control, remote monitoring and maintenance functions in compliance with all grid requirements guidelines
- › Minute-by-minute error ticker and status messages for rapid troubleshooting
- › State-of-the-art encryption technology, secure data retention and system access via password-protected SOLON portal

## Analysis and Navigation Levels.

**World**

- › At-a-glance display of all SOLON power plant sites
- › Data such as total yield of power plants
- › Individual sites can be selected
- › Comparison between power plants

**Power Plant**

- › Display of selected power plant
- › Data on the status and yield of the power plant
- › Graphical display of the yield distribution within the power plant
- › Graphical data analysis
- › Analog values and error lists can be compared

**Power Plant PV System**

- › Display of individual power plant systems and SOLON Tauri or fixed tilt installations and their readable components
- Real-time display of all digital and analog values

# SOLON Vega

Power plant monitoring and remote control – System description.

## Data.

- › Access to power plant data via password-protected area on SOLON homepage
- › Data access via encrypted Internet connection
- › Data storage on secure, redundant servers
- › Data stored throughout the lifetime of the photovoltaic power plants

## Flexibility.

- › Full compatibility with SOLON Regor data logger
- › Support of all common browsers
- › Easy system expansion regardless of type, location and number of power plants

## Visualization.

- › Web-based display of the complete PV power plant portfolio
- › Views:
  - World view
  - Power plant level
  - String level
  - Component level
- › Analysis functions
- › Performance comparisons

Monitoring from any Internet-capable computer anywhere in the world.

