



# Solar Control

Total monitoring and control  
system for photovoltaic plants

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www.solarcontrol.gr

## Total monitoring and control system for photovoltaic plants

Solar Control System\* is a complete monitoring and control system for the remote management of photovoltaic plant installations, assuring the continuous, error-free, full-capacity operation of the photovoltaic systems and resulting in maximum electricity production.

*\*Combines a 20year maintenance contract that provides performance guarantee and risk insurance.*



### ON-LINE, REAL-TIME VISUALIZATION



#### Remote monitoring and control:

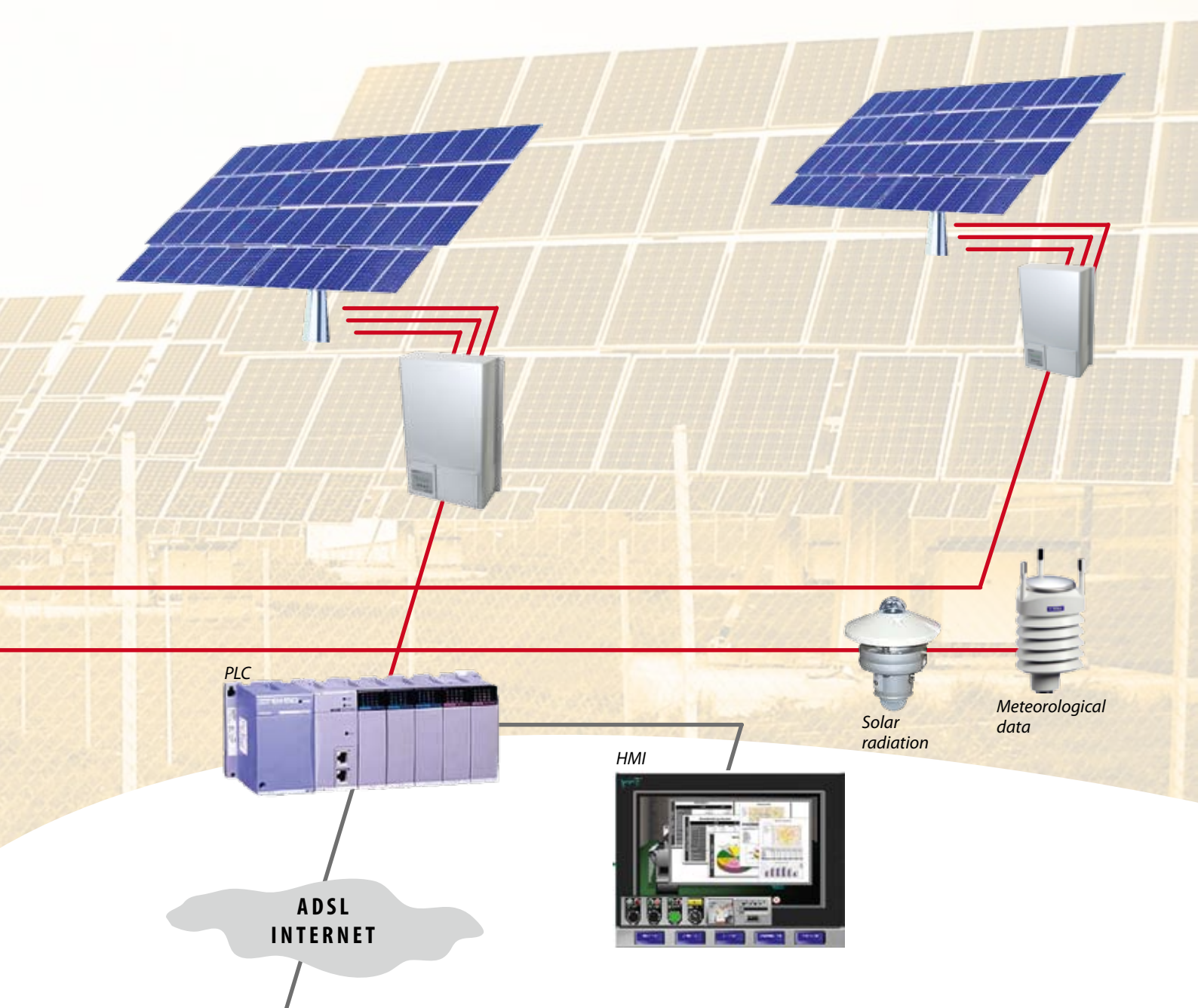
Real-time visualization of the operational and production parameters of the photovoltaic plant as well as remote management and control, in order to assure the continuous operation of the photovoltaic systems and the instant response to possible alarms and events.

### ON-LINE, REAL-TIME SECURITY



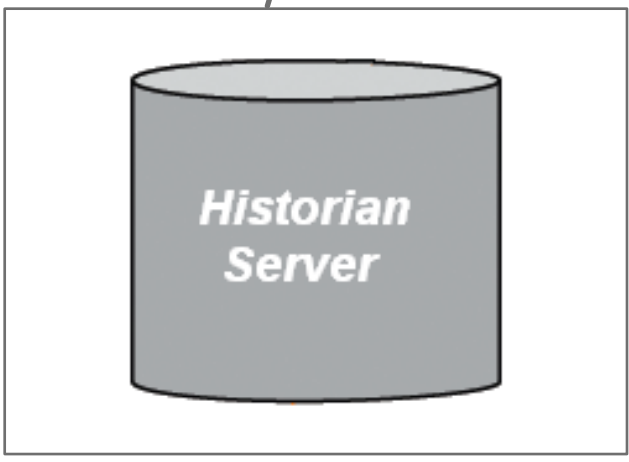
#### Live remote video-monitoring:

Access to the security system allows live visual monitoring of the photovoltaic installation, day or night, and enhances the 24/7 security system, making sure there is no hazardous weather condition or malicious human interference that could escape attention and alarm.

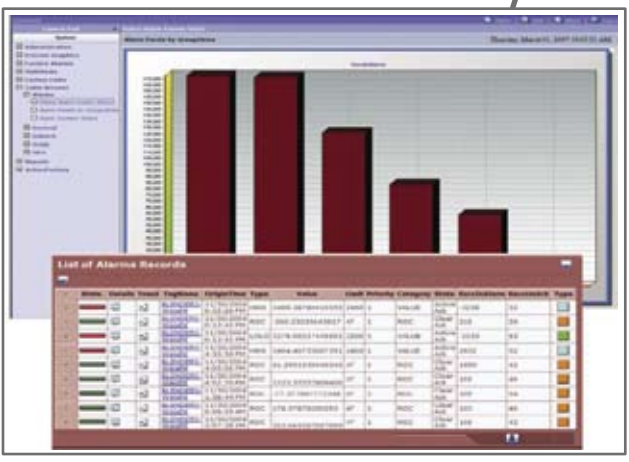


ADSL  
INTERNET

**POWERFULL DATABASE**



**ANALYSIS & REPORTING**



**Continuous data recording and storage:**

1.200 data tags per 100kW photovoltaic installation are recorded second by second in the database, storing detailed information about production and operational parameters, status of the photovoltaic systems as well as the weather conditions, such as sun irradiation, temperature, wind speed and direction and others.

**Analysis and productivity evaluation:**

Analytical reporting capabilities, based on the availability of a complete range of information, allows for productivity evaluation comparisons against full capacity benchmark and detailed trend analysis for preventive maintenance. Informative reports are also available on-line at [www.solarcontrol.gr](http://www.solarcontrol.gr)

CONTROL SYSTEM, with 20 years of experience and know-how in industrial automation, is providing an innovative solution in the design and development of photovoltaic plants by integrating a total monitoring and control system as well as offering management and maintenance services, which can guarantee maximum performance of photovoltaic installations.

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**ISO 9001:2000**