

Upgraded version of solar communication system for photovoltaic power plants



Overview

The next Solar-Log™ generation combines intelligent functionality and high flexibility for more efficiency in the control, regulation, and monitoring of photovoltaic plants. A photovoltaic (PV) monitoring system acts as the intelligent core of solar power plants, enabling real-time data acquisition, analysis, and remote control. By integrating IoT-based solar power monitoring systems with advanced SCADA communication networks, operators can efficiently detect. Our solutions PV plant IT and industrial control technology give you full control, the highest IT security, and maximum transparency over your power plant communication. The communication capability of photovoltaic plants is of great importance due to increasing energy industry requirements and the. Solar-Log™ sets international standards when it comes to monitoring and controlling photovoltaic plants. The Solar Photovoltaic (PV) Power Plant SCADA.



Article Content

Aug 05, 2025

Solar-Log™ Hardware Portfolio

The next Solar-Log™ generation combines intelligent functionality and high flexibility for more efficiency in the control, regulation, and monitoring of photovoltaic plants.

Jul 16, 2026

Systematic review of the data acquisition and monitoring systems of ...

In this context, traditional wire communication methods, today's communication technologies, and the low-cost IoT (Internet of Things) technologies used to monitor the performance ...

Jun 14, 2026

Exploring Communication Solutions for Photovoltaic Inverters

Explore the various communication solutions for photovoltaic inverters, including GPRS, WiFi, RS485, and PLC. Learn about their applications, advantages, and drawbacks to optimize your ...

Jun 03, 2026

IoT Solar Power Monitoring System | SCADA for PV Plants | Come-Star

Come-Star's advanced SCADA and IoT-based solar power monitoring systems for solar PV power plants revolutionize photovoltaic operations. These systems empower operators to optimize ...

Jun 25, 2026

Development of communication systems for a photovoltaic plant with ...

After being developed, the communication systems were installed in a PV plant, and the interaction between the data obtained from these two systems is discussed and presented.

Jun 04, 2026

Solar Photovoltaic (PV) Power Plant SCADA

Ensure maximum efficiency and reliability for your photovoltaic power plants with Maisvch's advanced SCADA and data acquisition solutions, built to withstand ...

Mar 06, 2026

Solar Photovoltaic (PV) Power Plant SCADA & Monitoring Solutions

Ensure maximum efficiency and reliability for your photovoltaic power plants with Maisvch's advanced SCADA and data acquisition solutions, built to withstand harsh environments, deliver real-time ...

Apr 01, 2026

PV communication boxes & PV weather stations

The portfolio offers certified and ready-to-use cabinets for PV power plants that meet the specific environmental, electrical and data transmission requirements according to customer specifications.

Sep 11, 2025

PV Communication Solutions for Power Plants | PV-specialist

We design and implement PPIT & ICS solutions for power plants of all sizes, ranging from small photovoltaic systems to large-scale wind farms. Our experts use their extensive experience to ...

May 15, 2026

Communication Methods in Solar and Storage Systems: A Practical ...

Choosing the right communication method is essential for system safety, efficiency, and long-term performance. This article provides a systematic overview of the mainstream ...

Aug 06, 2025

Creating the Ultimate SCADA System for Solar Energy | Vertech

This SCADA package is being used at five solar plants, with total generation capability of more than 200MW. Vertech went to extreme lengths in perfecting the user experience, creating a system which ...

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