

Solar O&M

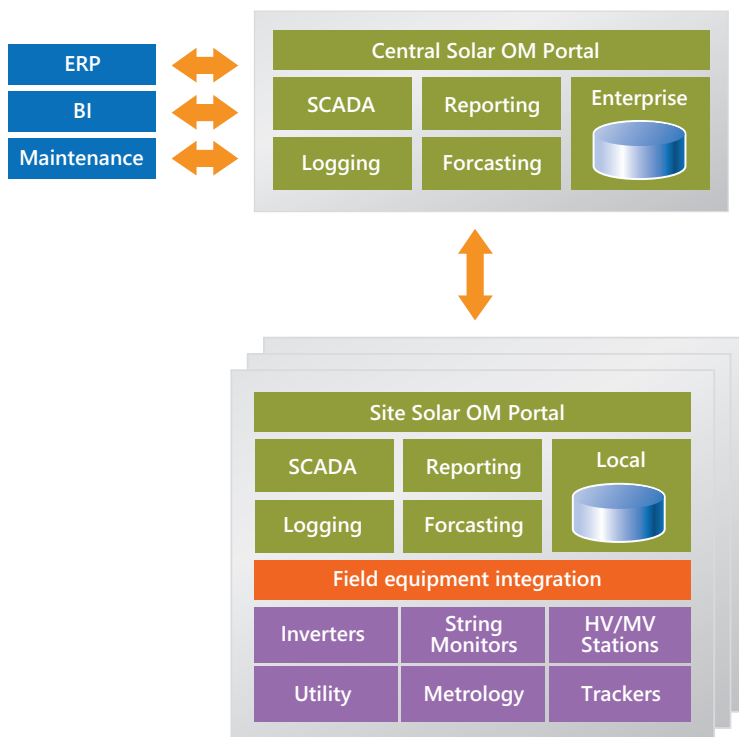
Prediktor 

Operation and Maintenance Solution for PV Parks

Efficient operations of any solar plant is essential in order to ensure that the forecasted energy production is met and that the O&M activities are done in an effective manner.

Optimal operations include early fault detection, structured maintenance procedures, efficient reporting, production forecasting and diagnosis. All of these challenges need to be executed on production sites often located at rural locations with little, or no, local manning and limited communication infrastructure.

Prediktor's Solar O&M is an open and scalable solution enabling efficient operation and maintenance of solar parks. Solar O&M handles all essential O&M activities in one centralized system and has a scalable architecture suitable for residential to utility sized installations; from local operations to enterprise asset management.



- **Maximize productivity of the plant ensuring operational reliability and continuity**
- **Minimize amount of resources required for Asset Management**
- **O&M activities to reduce operational risk**

Targeted towards all stakeholders:

Plant owners – Production reporting and plant benchmarking

Grid owner – Production reporting and -forecasting

O&M management – Supporting asset management activities and KPI reporting

Local operation – Supporting all essential O&M activities from one system. Enables central expert assistance

Prediktor 

Features

Web-enabled System availability anywhere, anytime via secure connection.

SCADA Realtime remote monitoring and control at the local sites and from centralized operations center.

Alarming Immediate alarming in case production and equipment abnormalities. Distribution on mail and SMS.

Data replication Replication of real time and historical data to main database for central monitoring and control.

Advanced diagnostics Detect abnormal operating conditions using our diagnostic algorithms.

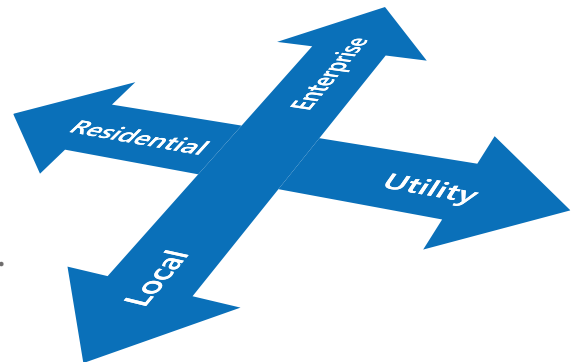
Forecasting Long-term and short-term production forecasting made possible by integration of site instrumentation and external weather databases.

Enterprise reporting One common hub for production and operational reporting.

Maintenance management Integration with maintenance system for full control of assets.

Scalable Integrate all your production sites into one standard reporting hub as well as expandable field equipment integration.

Open Supports a wide variety of communication standards for integration with field equipment. Export of production data to 3rd party systems. Integrates with external asset management systems such as maintenance, ERP, BI-tools etc.



Prediktor AS

Habornveien 48 B
N-1630 Fredrikstad, Norway
Phone: +47 9540 8000
E-mail: solutions@prediktor.no

World Wide Offices:

- Norway
- China