

# Prediktor AS



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# Asset Management Solution for Utility-sized Photovoltaics

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## Challenges

Enormous data amount from solar assets  
Operational data is often of bad quality  
O&M need to interpret data to make decisions  
Operational data are difficult to utilize from 3<sup>rd</sup> party expert systems

- 100 MWp solar plant generates ~200,000 signals
- Asset managers need to prioritize action between a large number of assets in a portfolio
- Majority of solar plants are operating at <95% of their design capacity



## Ideal Solution

A toolset that relieves operators from human interpretation of operational data – using built in knowledge – to achieve best asset utilization  
Platform providing high quality and structured data enabling 3<sup>rd</sup> party expert systems to provide additional operational insight

Today, data is being used to direct and streamline how people react to insights and alarms rather than predicting, optimizing or eradicating cost driven challenges through prediction and automation.  
With an abundance of data, we remain low on real-time context and high on data fatigue



## Desired Outcomes

Less resources spent on O&M

- Reduced cost per energy unit produced

Maximize asset utilization

- Address the correct anomaly – know where the major losses are and address these

Human resources is today the biggest O&M cost drivers

Scalability is hindered by limitations in sharing of knowledge and expertise

Availability of high-quality data for optimization is an inhibitor for taking down PV energy prices.



# Asset Management Solution for Utility-sized Photovoltaics



PView™ is a Predictive Solar Operations solution that uses predictive automation to ensure optimal performance of portfolios. This means minimizing costs associated with handling, managing and responding to operational data.

## High Value Decision Making

- Make decision on built in system knowledge
- Prioritize action where losses occur – across portfolio
- Reduce cost of operation
- Maximize asset utilization

## Prepare to Scale

- Fast and efficient deployment time
- Future proof your operations
- Agile operations with minimal resources
- Enable integrated operations throughout your organization
- Continually drive and optimize portfolio value

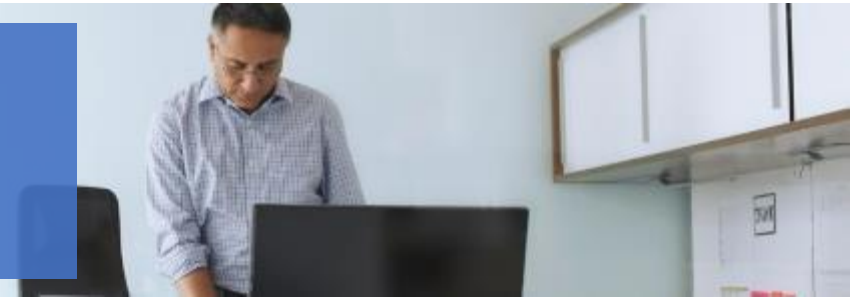
## Freedom to operate

- No lock-in
- Structured data-sets for 3<sup>rd</sup> party expert system
- Empower your organization and partners to reveal the hidden value in your operational data

*“Prediktor’s PView enables Scatec Solar to get the most out of our assets; we now have full visibility into our operation – in real time and historically for analytical purposes – both from a single plant perspective and in terms of fleet control.”*

- Pål Strøm, SVP O&M, Scatec Solar

# Prediktor PView™ + Microsoft Azure



**Enabling customers with solar assets to automate processes and optimize production**

## Solution Alignment

### RUNS IN AZURE

**The solution has been lifted to Azure and customers can benefit from high scalability, tight security and elastic workloads, directly from the Microsoft Azure Datacenters.**



### ADVANCED CAPABILITIES

**Using Azure, Prediktor is able to utilize advanced capabilities such as predictive automation of solar assets.**



### RETIRE AZURE QOUTA

**Retire Azure quota by co-selling Prediktor PView™ to your utility customers today. The solution is well validated and runs on four continents.**

