

Maximising solar asset performance

A case study of Everyday with SynaptiQ Asset Operations



Company



Name

Everday B.V.

Country

The Netherlands

Industry

**O&M and
Asset Manager**

Asset types

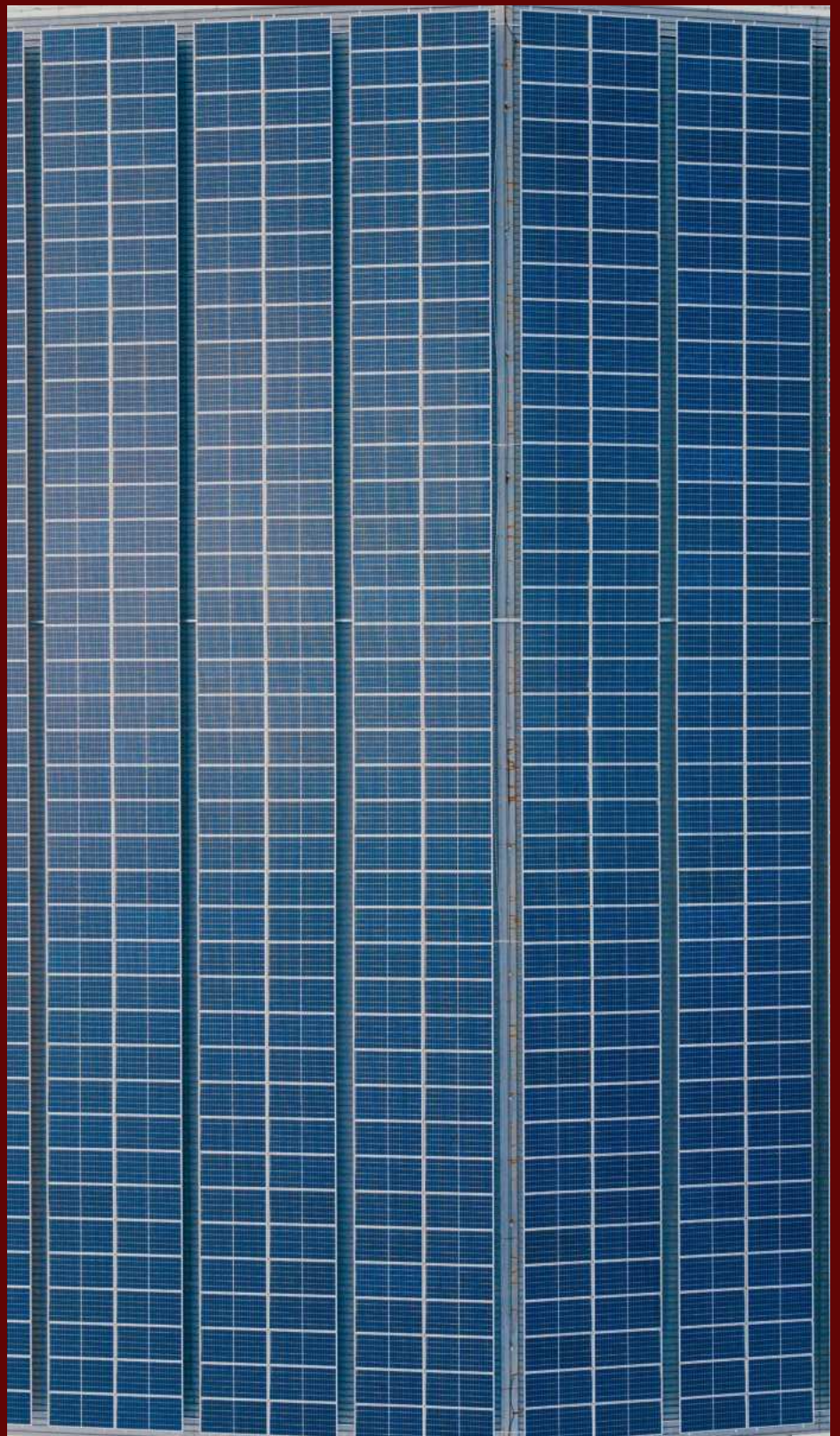
**Rooftop &
ground-mounted
PV**

Portfolio size

610 MW

SynaptiQ application

Asset Operations



The challenge



①

Lack of uniform and comprehensive assessment of solar assets performance

No standardized assessment solution integrating data from multiple sources leads to difficulties in monitoring and managing solar asset performance.

②

Hard to access raw data

Solar installers face challenges in accurately assessing and managing solar asset performance due to limited access to customer-owned raw solar asset data and ownership rights being with the customer instead of the manufacturer.

③

Inaccurate production estimates

We encountered difficulties in effectively monitoring and assessing solar asset performance due to the absence of an accurate and reliable method for calculating expected performances.

The solution



We chose SynaptiQ because it is an open platform that fully empowers its users in their operations and decision-making. It works independently of the data communication solution, can integrate everything into the portal and is compatible with any hardware.

① Greater control

SynaptiQ Asset Operations provided greater control over solar system configuration, data communication lines and access to raw data on a server, enabling more effective analysis, operations and reporting.

② In-depth insights

SynaptiQ Asset Operations provided in-depth insights into the performance of solar assets, including standardized analyses and dashboard templates for quick insight and easy data visualisation and analysis.

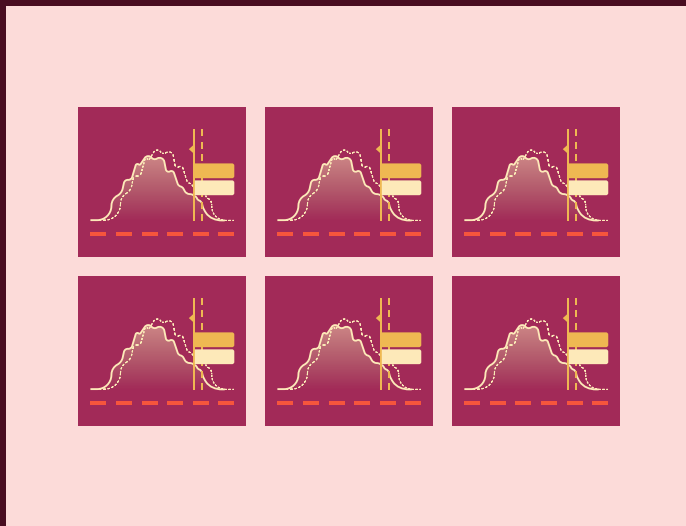
③ Accurate energy production

SynaptiQ also provided insight into onsite irradiation and expected energy production based on irradiation and system configuration, even without onsite irradiation measurement sources, allowing for more accurate energy production forecasts.

④ Comprehensive analysis for underperformance

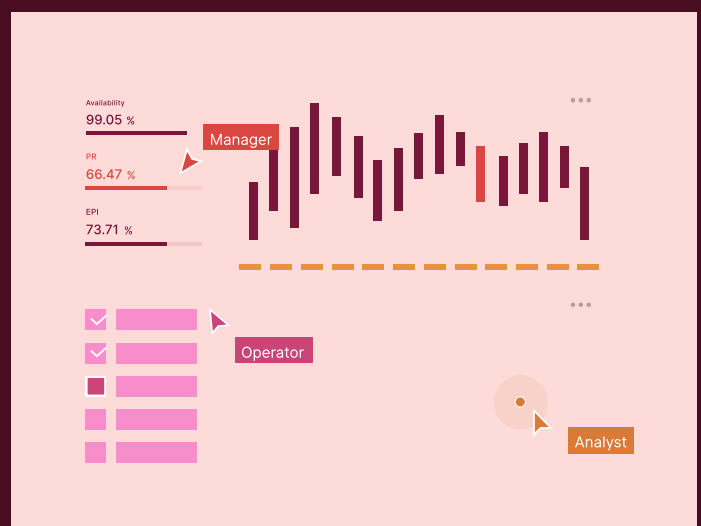
The digital twin tools allows for a comprehensive analysis of underperformance, and SynaptiQ provides deeper analysis when monitoring cannot immediately find the root cause for underperformance.

Results



Standardised & centralised monitoring

With SynaptiQ, we do no longer need to check different manufacturers' portals. All our data are centralised on one platform, which makes monitoring much more efficient.



Customised dashboards

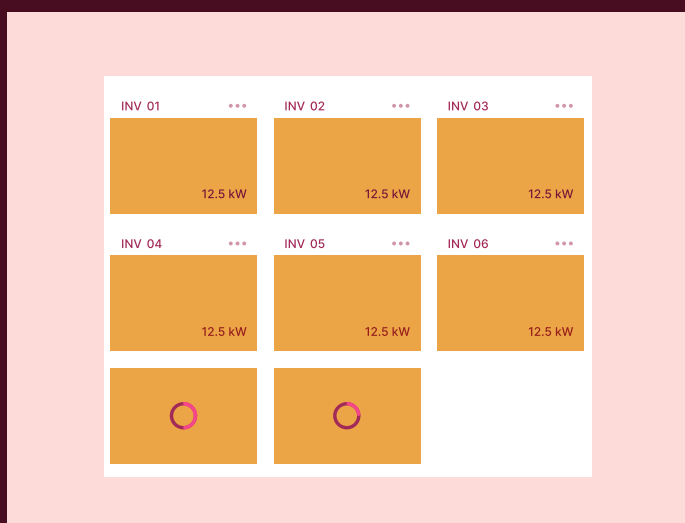
Our customers can customise their views and dashboards, so that they can meet both internal and external requirements at once.

Results



Fast & easy insights

3E's analytics tools and dashboards directly provide us with the right graphs & visualisations, allowing us to rapidly come to a breakdown analysis.



Data server solution

Our raw data are stored in SynaptiQ. They are accessible at any time and remain ours.

Current application of SynaptiQ

Improved monitoring and quick action

With SynaptiQ Asset Operations, we monitor our assets from anywhere, and inverter failures can be quickly spotted and addressed, thanks to the Digital Twin.

Efficient fault resolution

Asset Operation task management feature automates intervention planning by creating automatic tasks when faults are detected, enabling field center coordinators and O&M managers to prepare and schedule onsite interventions.



“As someone responsible for operational monitoring, I can confidently say that SynaptiQ is incredibly user-friendly. It provides quick and valuable insights into any issues related to our solar asset performance.”

Ries van Kuijk, Solar Data & Engineering at Everyday

Why SynaptiQ?



Access to satellite database and Digital Twin for comprehensive analysis of solar asset performance.



Solutions for data servers and data availability for customised dashboarding through API.



Compatibility with all types of hardware for easy integration into the monitoring system.



User-friendly UI with easy-to-use templates and analysis dashboards, as well as the option to create a customised customer portal.

“SynaptiQ has been an incredible platform to us for over 5 years. It consistently provides quick fault analysis and follow-up, and its ability to create accurate dashboards has really helped in providing our customers with the insights they need. Choosing for SynaptiQ was one of the best decisions we made, and we are glad to have this digital solution.”

Karel Lambers, Technical Asset Manager at Everyday

About 3E



3E is a market-leading SaaS and advisory company for the renewable energy sector

Our team of over 150 experts works with developers, asset managers, operators, investors, public entities, EPC contractors and IPPs. Our job is to enable them to make informed decisions across the full lifecycle of their projects – whether that's solar, wind or energy storage.

Based on our 25 years of global experience, we provide both digital solutions and expert advisory services, which is unique in the sector. Our SynaptiQ platform offers a comprehensive suite of SaaS solutions that optimises the development and operations of renewable assets. In parallel, our consultancy team delivers technical, engineering and strategic advice to ensure bankable projects.

Powered by collaborations with universities and industry pioneers, we drive innovation and deliver the industry's most advanced energy intelligence solutions.



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