

# Asset Performance Management

Asset Performance Management & AI Insights

## Realize the full potential of your assets with reliable data and AI Insights

Our Asset Performance Management and AI Insights solutions enable a proactive approach to asset health management, helping you pinpoint problem areas and ensure optimal portfolio performance. Gain a competitive edge with AI Insights' advanced analysis for diagnostic, preventative, and predictive use cases.

Leveraging trustworthy data, intuitive dashboards, and analytical tools, we aggregate data from a wide variety of sources into one place, empowering you with trusted information, intuitive dashboards, and AI-powered insights to help you to achieve your financial and operational objectives.



## Key business drivers

### Centralize all data

Whether your portfolio is growing in wind, solar, or BESS, our Asset Performance Management solutions enable a single view of your fleet by bringing all your data into one common model, fostering collaboration and better decision-making.

### Detect and prioritize issues faster

Cut through the noise and effectively prioritize issues across large portfolios with custom events and notifications and a modern, control-room-style view of your assets. Visualize trends in customizable widgets designed to highlight areas for optimization.

### Leverage AI-powered analysis and optimization

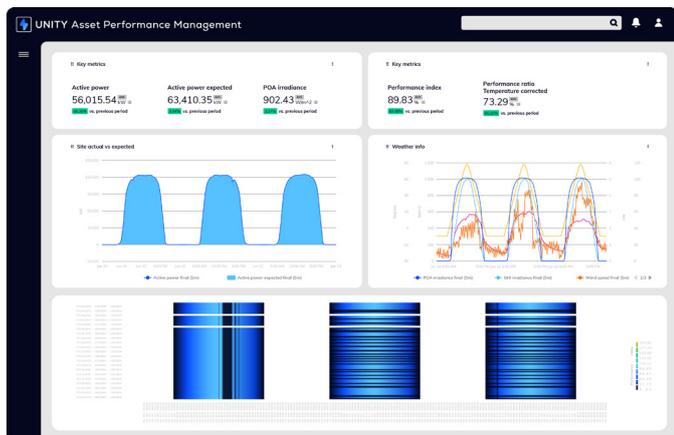
Get a competitive edge with AI-based analysis for diagnostic, preventative, and predictive use cases. Select data in Data Studio in order to drill down and investigate underperformance. Visualize trends in customizable widgets designed to highlight areas for optimization.

### Take back time with tailored workflows

Out-of-the-box automated workflows, widgets, templates, and user guides get you up and running fast and help you prioritize what needs attention most. We give you "the needle in the haystack," so you can spend your time on more important things.



# Asset management and optimization for wind, solar, and energy storage portfolios



## Asset Performance Management



### One integrated solution

Get clean, trustworthy data from all your assets in one place. Our APM solutions ingest asset data from over 400 interfaces, connecting to site-level PLCs, HMIs, or SCADA systems and integrating seamlessly with your other business applications for more streamlined operations.



### Event management

Respond faster to equipment underperformance, downtime, and other reliability issues. Visualize trends, monitor large portfolios with a control room-style view, and get notified when commercial and operational issues occur.



### Role-based dashboards

Empower stakeholders with timely, role-specific information. Our role-based dashboards deliver relevant data, reports, and KPIs: monitoring data for operators, performance data for engineers and analysts, maintenance data for O&Ms, and business insights for asset managers.



### Asset hierarchies

Keep an eye on your assets. Detailed asset hierarchies allow you to drill down to view details based on region, asset type, and PPA contract, and then roll up to view total generation, dashboards, and KPIs for your entire portfolio.



### Reports & data warehouse

Make informed decisions with comprehensive performance insights. Standard plant and portfolio reports present performance data, event data, and maintenance data compared to model/budget at all specified time intervals.



### Performance analytics

Optimize your renewable energy assets with AI-powered insights and automated fault detection. Standard metrics like Availability Factor and Performance Ratio, along with proprietary KPIs, deliver comprehensive performance insights.



### Data cleaning

Ensure accurate, reliable data with advanced cleaning. Asset class-specific validation, estimation, and editing (VEE) and data cleaning algorithms are constantly updated, providing you with a trusted data set for performance analytics.

## Transform your business with AI Insights

### Comprehensive analysis

AI Insights uses the largest renewables dataset of cleaned and meticulously prepared data, enabling comprehensive analysis and benchmarking.

### Proactive insights

AI Insights delivers timely, automatic, and tailored insights to your specific business needs, empowering proactive decision-making with highly relevant, contextual, actionable information.

### Workflow integration

AI Insights integrates contextual analytics directly into workflows, seamlessly incorporating insights into daily operations to enhance productivity and efficiency.