Optimize your Solar & Storage Assets with Digital Twins

At the Core of our Asset Management is Digital Twin AI. We build personalized, digital replicas of everything sensored in your Solar and / or Storage plants. This means hundreds of Data Digital Twins, which in RealTime help you move from reactive to proactive management, built right into our platform to help you effectively optimize your assets while monitoring them.

Storage

- Maximize Capacity + Improve Availability + Streamline OEM Claims

- BMS System Plant Audits

- CMMS for RealTime Outage Alerts, Monitoring & Reporting

- Extensible Platform for Automated Reports, Warranty Compliance,OEM LD, Advanced Analytics

- Integration with existing platform via API

- State of Charge (SoC) Optimization with Digital Twins Dispatch Pricing & Scheduling Optimization for Hybrid Solar-Wind-Storage Projects. (Seeking Partners)

Solar

- Improve Generation by 2-4%/ O&M Efficiency by 15%

- Personalized Plant Audit

- CMMS for Centralized Data, RealTime Monitoring, Reporting, Visualization with Built-In Predictive Analytics

- 'Snap-On' Digital Twin based Advanced Analytics

- Forecast Generation

- Your ROC Team

Quadrical Ai's Digital Twin approach was instrumental in setting realistic expectations and then pinpointing areas of under perfor-mance that focused our teams' efforts.

James Abraham
Founder and Director, SolarArise

Give us 2 hours of time + 6 months of data. We give you Actionable Results in 48 hours.

Plant Audit
Performance check showing historical & current losses with granular loss buckets for DC, Inverter & AC sides.
- Issue Identification & Trend Analysis
- Revenue Prioritized Actionables
- No risk, no disturbance to your current systems

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Quadrical Ai

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Deployed on 2600MW Solar + 595MW / 2380 MWh Storage