Renewable Insights
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The renewable energy industry is primed to enter a new phase of growth driven largely by increasing customer demand, cost competitiveness, innovation, and collaboration. Optimizing the performance of assets, rising technological advancements coupled with increasing adoption of new business models has led to rising demand for digitization to improve overall asset and operational agility. We offer a complete suite of products & services for streamlined asset management to help the global renewable industry maximize returns from their RE assets.

Remote Monitoring & Analytics of wind and solar power plants – Enable the team identify any issue instantly

The 24*7 Command Center team which centrally monitors the plants and issues work orders to the field engineers and ensure maximum generation

Capture details about entire asset infrastructure, spare parts, performance and work history to enable better repair vs. replace decisions and decrease reactive maintenance and unplanned down-time

Analytics platform to predictive
**IOT Data Logger Architecture**

![IOT Data Logger Architecture Diagram](image)

**A cutting-edge Solar PV monitoring and analytics solution**

Solar Pulse helps asset owners and O&M teams to optimize the performance of their utility and rooftop solar PV plants.

I. User Friendly Dashboards
II. Real-time performance ratio & solar yield calculation
III. Integrated Generation forecasting Equipment control
IV. Executive and Technical Reports

**Analytics**

An advanced solar farm modelling solution. Act as a **plant brain** to tell the owners to identify and mitigate the problem.

It takes data of the Plant configuration parameters, key KPIs, equipment health and helps efficiently manage the entire portfolio with an interactive user interface.

I. Plant Losses Prediction
II. PR Prediction
III. Active Power Prediction
IV. Predictive Maintenance
Remote Command Center

The 24X7 Command Centre team which centrally monitors the Plants and issues work orders to the Plant Engineers and ensure maximum generation

I. Global Dashboard
II. Live Alarms Dashboard
III. Alarms Map View
IV. Equipment malfunction notification

Renewable Assets Management

An advanced and simple to use Enterprise Asset Management. USP of the product is to simplify tasks for the on-site partners and tell the Management What is going on? Centralized alerts and data?

Focus is on Simplicity. User Friendliness. Completeness

I. Asset Strategy & Planning
II. Maintenance Management
III. Health and safety indicators
IV. Asset & Work Dashboard
V. Field-Force Management
VI. Workforce Management

Our Presence

USA  Spain  Italy  Saudi Arabia  India  Dubai  Thailand
Value Generation & Benefits

Lender
- 100% Financial Tracking
- 100% Transparency

OEM
- Improve Power generation based on real-time conditions
- Enhance operational efficiency and reduce costs via embedded industry proven best practices
- Reduction of service cost 10%

O&M
- 100% completion rate of planned maintenance
- 20% Cost Reduction
- 99.9% Plant Uptime

Employee/Vendors
- Sustainable and Inclusive growth with 100% compliance
- 40% improvement in technician productivity
- 10% Reduction in management cost through field force control and improving operational efficiencies
- 33% Reduction in inventory cost through improved demand estimates

Prospective Asset Owner
- Data driven Vendor selection through asset reports

EPC
- Digital Handover Project
- Project Planning
- Budgeting and Forecasting
- TAT reduction 50%

Leadership
- 5% NPV Growth
- Real-time dashboard to analyze and identify performance issue across portfolio

Learn how plants managed by us lead to better returns from your Assets!