FACTORY AUTOMATION

RENEWABLE ENERGY SOFTWARE SOLUTIONS

With Mitsubishi Electric Iconics Digital Solutions

- **Asset Monitoring**

- **Plant Operations**

- **Enterprise Management**

- **Rich Visualization and Reporting**

- **Predictive Analytics Solutions**

- **Open Standards Connectivity**

ACHIEVE SCALABLE SUSTAINABLE SOLUTIONS

In today's world of increased energy use, sustainable alternative energy has become ever more critical. Advanced software technologies help integrate disparate power systems into efficient unified operations. Quickly turn vast amounts of real-time and historical data into valuable information to drive continuous improvement.

ASSET MONITORING

Operators rely on real-time HMI / SCADA and condition monitoring to keep equipment at optimal efficiency. Turbine information including wind speed, wind direction, power, blade position, temperature and vibration are instantly data logged, visualized and analyzed.

- Real-time Condition Monitoring
- Visualization, Alarming & Data Historian
- Mobile Notifications & Alerts
- OPC, Modbus, DNP, IEC61400, Web Services

PLANT OPERATIONS

Integration of equipment, plant and business data into a single unified plant operations' view provides command and control of the energy system. Operators have secure and instant response to energy, environmental and business demands. Easily create advanced ad hoc reports that can also be scheduled to view and coordinate operations and maintenance efforts.

- GEO SCADA for 3D Plant-wide Supervision
- Scalable Architecture with Multi-vendor Support
- Dynamic Language Switching
- Smart Grid Integration; IEC61850

ENTERPRISE MANAGEMENT

MEIDS provides role-based analytics and intelligence for anyone in your enterprise. Easily customizable web portals enable comprehensive personalized visibility of your operations, maintenance and financial information to help make decisions. Visualize your enterprise from anywhere, anytime and on any device.

- Role-based Portal for Analysis & Forecasting
- Enterprise Performance Reporting
- Integrate Financial & Operational Data
- Interfaces with MS SQL, SAP, Oracle, IBM

RICH VISULAIZATION AND REPORTING

Create rich 2D and 3D GEO SCADA visualization and reports with integrated real-time and historical geographical terrain maps, enabling a quick overview of multiple operations and plants located anywhere in the world. Deploy secure and personalized web portal solutions using MEIDS PortalWorX™ to any browser using Microsoft Sharepoint® and Silverlight® technology. Custom Adhoc or scheduled reports can be generated with important operational KPIs to meet business or regulatory requirements.

PREDICTIVE ANALYTICS SOLUTIONS

Wind AnalytiX™ is based on MEIDS' Hyper Historian™ with its high speed performance and large data volume capability. State-of-the-art Fault Detection and Diagnostics (FDD) technology identifies equipment and energy inefficiencies and provides possible causes that help in predicting plant operations.

OPEN STANDARDS CONNECTIVITY

MEIDS high performance GENESIS HMI/SCADA provides a sustainable, competitive advantage. It acquires data from a multitude of open protocols and interfaces, then normalizes all data, independent of source, into a high speed data store. The data can then be calculated, analyzed, trended, recorded and visualized by a wide array of user interface applications.
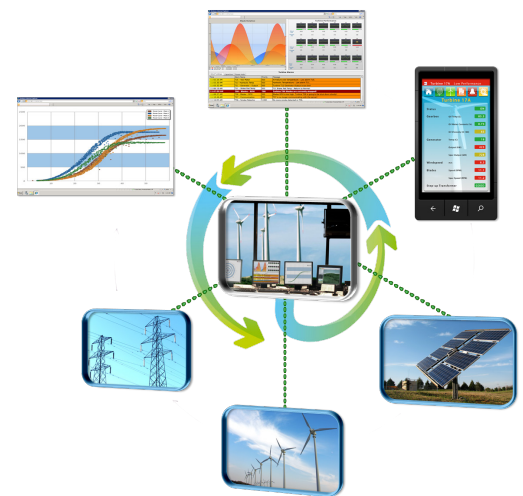
- OPC Classis & OPC-UA
- BACnet
- Modbus
- IEC61850

INDUSTRY APPLICATIONS

- Wind Farms
- urbine Warranty Management
- Solar Power Plants
- Hydro Electric
- Tidal Systems
- Bio Gas
- Fuel Cell Operation
- Landfill Gasifications

BENEFITS

- Quickly understand your operations and take action
- Rich personalized Portal and Web browser visualization
- Real-time Historical information helps drive improvements
- Extensive AdHoc and Scheduled Reporting delivered information where and when needed
- Intuitive analytics help achieve your business strategys

ABOUT US

Mitsubishi Electric Iconics Digital Solutions (MEIDS), headquartered in Foxborough, Massachusetts, is a global leader in industrial automation, smart and sustainable buildings, and digitalization software. Our advanced HMI, SCADA, and Smart Building solutions enable businesses to visualize, monitor, and optimize their most critical assets and spaces. With installations in over 100 countries and adoption by more than 70% of Global 500 companies, we drive operational efficiency and continuous improvement across industrial manufacturing, infrastructure, and built environment sectors. Backed by cutting-edge technology and deep industry expertise, we deliver flexible, scalable, and high-performance software solutions. As a testament to our excellence, Mitsubishi Electric Iconics Digital Solutions has been recognized as a seven-time winner of the Microsoft Partner of the Year award.

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