Monitoring and Diagnostic Center

FAMOS Solutions



Power & Process Products and Services







About

Curtiss-Wright is a global integrated company with a long tradition of providing state-of-the-art, reliable solutions through trusted customer relationships.

The Plant Optimization Group, a business unit within Plant Information Monitoring and Control, provides a variety of products, services, and software-related solutions to the global power industry. We are leaders in thermal performance software and services; equipment reliability solutions; valve condition monitoring; and advanced data analytics. We further enhance our customer support through our Monitoring and Diagnostic Center providing remote detailed evaluation of the condition of clients' assets.

We are committed to the safe operation and improved performance and reliability of power plants worldwide.

Our M&D Center's services help improve a plant's performance and bottom line

Curtiss-Wright's Remote Monitoring and Diagnostic Center provides services for clients who desire improved monitoring and diagnostics of their power generation assets. These services provide a critical asset management function that allows customers to more effectively deal with day-to-day tasks and decisions related to optimizing the value of advanced monitoring technologies. Improved bottomline results can be achieved at a time of reduced budgets and cash flow with the utilization of these M&D Center services.

These services encompass routine surveillance monitoring, problem and anomaly reporting, and diagnostics of power plant performance and condition, as well as providing expert asset optimization services that include technical support to improve the thermal efficiency and reliability of the power plants and associated equipment. The integration of real-time performance and condition monitoring technologies with data analytics provides proactive information from datarich resources for asset management sustainability.

Our remote M&D services provide an efficient, cost-effective means to:

- Employ a teaming approach between your staff and Curtiss-Wright for optimizing plant performance and condition
- Evaluate the urgency of situations for condition-based maintenance planning
- Establish the health, performance and condition of equipment and receive early detection of equipment problems
- Determine best practices for operational excellence
- Recommend direct action to solve asset problems
- Achieve optimized performance and reliability coincident with reduced budgets and aging workforce

Using VPN Internet access and telecommunications, power plant networks are able to be connected to our remote M&D services for monitoring power generation performance and reliability.

Curtiss-Wright can effectively interpret plant data through the use of its predictive and monitoring software (PEPSE, PMAX, PdP, and Rules Engine) to give accurate assessments of plant performance and condition. Our experienced technicians are experts in the use of the software and have many years of experience working in power plants.