



MAXIMIZE ASSET PERFORMANCE TO ITS FULLEST POTENTIAL

AMS™ SUITE: EQUIPMENT PERFORMANCE MONITOR FOR PREVENTIVE AND PREDICTIVE MAINTENANCE

Are you maintaining an accurate picture of equipment performance that has a major impact on overall asset operation and profitability? Are you making informed maintenance decisions that minimize unscheduled equipment downtime?

AMS Performance Monitor delivers real value to your operations by producing validated information concerning the operating performance of process and mechanical equipment. Armed with this information you can run your process more efficiently, track operating performance against targets, schedule maintenance activities, and determine the root cause of equipment inefficiencies.



AMS Suite: Equipment Performance Monitor powers PlantWeb through predictive maintenance of process and mechanical equipment to improve availability and performance.

DISCOVER THE CAPABILITIES OF AMS PERFORMANCE MONITOR

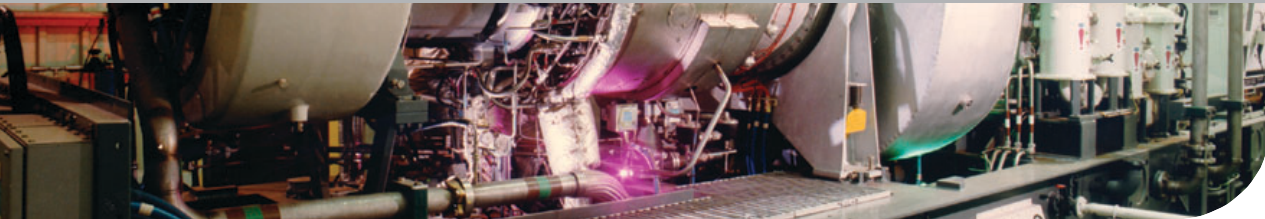
- Increase throughput, availability and reliability.
- Reduce maintenance and operating costs.
- Prevent catastrophic failures and unplanned shutdowns.
- Increase plant profitability.
- Determine optimal maintenance strategy for operation.
- Meet production targets.
- Detect faulty or poorly calibrated instrumentation.

EQUIPMENT APPLICATIONS

- Boilers / Heaters
- HRSGs/Waste Heat Boilers
- Compressors
- Hydraulic Turbines
- Expansion Turbines
- Pumps
- Gas Turbines
- Steam Turbines
- Heat Exchangers



Equipment Performance Monitor



DELIVERS THE RESULTS YOU NEED

WINDOW TO PERFORMANCE ANALYSIS

Using thermodynamic model-based technology, AMS Performance Monitor provides easy and cost-effective access to current equipment performance data, customized reports, and graphical representations via a standard web browser. It is fully integrated with AMS Suite: Asset Portal™, a decision support application that enables information to be viewed alongside AMS Optimizer, AMS Machinery Manager, and AMS Device Manager.

AMS Performance Monitor allows you to:

- Analyze performance relative to manufacturer's design specifications (or baseline performance).
- Compare unit performance across multiple units or sites.
- Access performance data securely from anywhere in the world.
- Produce accurate reports against performance targets.
- React to changes in equipment performance.
- Exchange data and share intelligence between local experts, corporate divisions and outsourced resources.
- Calculate emissions based on performance data.
- Determine best operating practices.
- Assign fiscal metrics to degraded performance.
- Determine load sharing based on relative unit performance.

OUR CUSTOMERS SAY IT BEST

"Our objective is to improve operational performance, by applying best-in-class technology, to maintain production and reduce the possibility of downtime. Therefore, it is beneficial to standardize on a proven tool when it comes to selecting a system to provide accurate and timely information on the performance of our process equipment." – Amerada Hess

"Meets BP's requirement for a superior system providing highly accurate performance information coupled with fulfilling the plant's immediate need for an easy to implement solution." – BP

"The gradual power loss from our Steam Turbines, identified by AMS Performance Monitor, is accurately monitored to alert users of potential problem areas, allowing us to be proactive with our maintenance response, improving availability and power production." – TransAlta

AMS SUITE POWERS PLANTWEB®

AMS Suite: Equipment Performance Monitor is just one of the integrated family of applications in the AMS Suite for predictive maintenance, performance monitoring and economic optimization. Emerson complements AMS Suite with PlantWeb Services to ensure successful implementation of the application and maximize your value.

Contact your Emerson sales representative for more information. Check out the demo site at www.amsperformancemonitor.com/demo.

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