



## INCREASE UPTIME WHILE REDUCING OPERATING EXPENSES WITH AMS MACHINERY MANAGER

### EARLY DETECTION CAN PREVENT UNPLANNED SHUTDOWNS

Increase equipment availability and lower costs through comprehensive and continual monitoring of the health of your mechanical equipment. AMS™ Suite: Machinery Health™ Manager software allows you to instantly review the condition of critical mechanical equipment and make this value-added information readily available to key decision-makers in your facility. You'll have troubleshooting, analysis, diagnosis, and effective reporting right at your fingertips.

Use the predictive diagnostic power of AMS Machinery Manager to detect asset problems before they cause production interruptions. AMS Machinery Manager powers the PlantWeb® digital plant architecture to drive overall availability and performance for real bottom line results.

### GET MORE LIFE OUT OF YOUR MECHANICAL ASSETS

- Prioritize maintenance action based on machine condition and criticality. Shift from reactive and preventive to predictive and proactive maintenance.
- Ensure accurate diagnosis by employing multiple technologies to detect all mechanical asset failure symptoms.
- Improve communication and planning by broadening the view of asset health across multiple users. Promote corporate-wide deployment and increase team effectiveness.
- Integrate asset information through 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 Suite: Machinery Health Manager powers PlantWeb with predictive and proactive maintenance through condition monitoring of mechanical equipment to improve availability and performance.





## GET THE MOST FROM YOUR CRITICAL MECHANICAL ASSETS

### FEATURES IN AMS MACHINERY MANAGER

- Early warning of premature machinery failure for optimal production and maintenance planning.
- Powerful diagnostic tools for determining exact machine health and prognosis.
- Automated diagnostics to efficiently direct attention to the most urgent machines.
- Populate work requests with machinery health findings and recommendations.
- Multiple technologies such as vibration, infrared thermography, oil analysis, ultrasonics, motor diagnostics, corrective tools for balancing and laser alignment.
- Cost analysis, case histories and reporting.
- Machinery history repository for root cause analysis and proactive maintenance.
- Acceptance testing of new assets before being placed into production.
- Integration of summary level machinery health with automation and control systems.

### OUR CUSTOMERS SAY IT BEST

- *20% reduction in emergency maintenance costs*
- *50% reduction in staffing requirements for new pumping stations*
- *100% increase in accuracy of factory acceptance testing*
- *Unplanned critical mechanical failures minimized*

—Tarrant Regional Water District

### AMS SUITE POWERS PLANTWEB®

As part of Emerson's comprehensive AMS Suite, the AMS Machinery Manager is just one of the integrated family of applications for mechanical equipment, electrical systems, process equipment, instruments and valves. Emerson complements AMS Suite with PlantWeb Services to ensure successful implementation of the application and maximize your value.

Contact your Emerson representative to learn how AMS Suite: Machinery Health Manager can begin delivering improved availability and performance at your facility today.

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