



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

### EARLY DETECTION CAN PREVENT UNPLANNED SHUTDOWNS

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

Use the predictive diagnostic power of AMS Machinery Manager to detect asset problems and determine root cause 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.



AMS Suite: Machinery Health Manager powers PlantWeb with predictive and proactive maintenance through condition monitoring of mechanical equipment to improve availability and performance.

[www.assetweb.com](http://www.assetweb.com)

### 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 and identify root cause of reoccurring problems 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™ to drive increased asset reliability and performance across the plant.



**EMERSON**  
Process Management



## GET THE MOST FROM YOUR CRITICAL MECHANICAL ASSETS

### AMS MACHINERY MANAGER DELIVERS RESULTS

- Enables fast and easy integration between CSI 6500 Machinery Health Monitor and Emerson's DeltaV™ and Ovation® process automation systems.
- CSI 6500 users can review live data while updates of captured transient data are replayed.
- Link machinery health data from the CSI 9420 Wireless Vibration Transmitter to your process automation system for increased control room visibility.
- Powerful diagnostic tools accurately identify the nature and criticality of developing problems.
- Receive an early warning of machinery failure for optimal production and maintenance planning.
- Integrated data from multiple technologies gives a comprehensive view of each machine and a more accurate diagnosis of the root cause.
- Route-based infrared analysis capabilities improve efficiency.
- View machine health status and history in any area of the plant with internet access.

### OUR CUSTOMERS SAY IT BEST

- Saved an estimated \$10.1M by avoiding unnecessary downtime
- Reduced downtime by 35-45%
- Increased production capacity by 20-25%
- Saved 25-30% on equipment spending
- Greater than 10x ROI

—Romp petrol Petromidia Refining & Petrochemicals

### AMS SUITE POWERS PLANTWEB®

Emerson's comprehensive AMS Suite is an integrated family of predictive maintenance software applications for mechanical equipment, process equipment, instruments, and valves. Emerson complements AMS Suite with PlantWeb Services to ensure successful implementation of the application and to maximize your value.

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

©2010, Emerson Process Management.

The contents of this publication are presented for informational purposes only, and while every effort has been made to ensure their accuracy, they are not to be construed as warranties or guarantees, express or implied, regarding the products or services described herein or their use or applicability. All sales are governed by our terms and conditions, which are available on request. We reserve the right to modify or improve the designs or specifications of our products at any time without notice.

All rights reserved. AMS, PlantWeb, Machinery Health, and Asset Portal are marks of one of the Emerson Process Management group of companies. The Emerson logo is a trademark and service mark of Emerson Electric Company. All other marks are the property of their respective owners.

printed in USA/3-2010

#### Emerson Process Management

835 Innovation Drive  
Knoxville, TN 37932 USA  
T 1(865)675-2400  
F 1(865)218-1401

[www.assetweb.com](http://www.assetweb.com)