

AMS™ Suite – Improving Availability and Performance



Look to your assets for results

When uninterrupted production can deliver millions of dollars to your bottom line, count on Emerson's Asset Optimization technologies and services to keep your process running at its best pushing back the boundaries of what is possible.

Predictive diagnostics from a broad range of critical production assets give you information for fast, accurate decision-making.

AMS Suite

AMS Suite, a core element of the PlantWeb® digital plant architecture, along with supporting services, provides a plant-wide view of predictive and proactive diagnostics from critical plant assets.



Through the proven PlantWeb® digital plant architecture, the power of predictive intelligence improves plant availability and performance by delivering quality information to experts across the enterprise, empowering your team to make informed decisions.

Central to PlantWeb's open network of predictive intelligence is the AMS Suite, a family of best-in-class diagnostic applications that enable you to increase output and reduce costs. More than 10,000 AMS Suite installations are delivering proven, quantified results in companies around the world.



Vital asset information is already being generated within your plant. Emerson's PlantWeb architecture gives you the power to use that information by adding a standardized communication and networking infrastructure, along with our suite of software applications, to deliver powerful new diagnostic capabilities.

For additional information regarding AMS Suite, visit www.assetweb.com.

AMS Suite:	How the Application Powers PlantWeb
Asset Portal™	Decision-support, reporting, and analysis on health and performance of production assets
Intelligent Device Manager	Predictive and proactive maintenance of instruments and valves
Machinery Health™ Manager	Predictive and proactive maintenance of mechanical equipment
Equipment Performance Monitor	Predictive and proactive maintenance of process and mechanical equipment

AMS Suite

Rosemount Devices in AMS Suite

AMS Suite provides a comprehensive and integrated family of predictive and proactive maintenance applications, including a common interface to device diagnostics. Through AMS Suite: Intelligent Device Manager, all Rosemount intelligent devices are supported, along with FOUNDATION[™] fieldbus devices from 33 manufacturers and HART[®] devices from 39 manufacturers. The comprehensive set of analysis and reporting tools presents a single application for predictive diagnostics, documentation, calibration management and device configuration.

AMS Suite: Intelligent Device Manager Options

Audit Trail

The Audit Trail option automatically generates a historical record for each device. Events recorded in the Audit Trail include device configuration records, as-found/as-left test records, diagnostic information, and system maintenance information.

Handheld Communicator Interface

The application allows uploading and downloading of field device information between the 375 Field Communicator or the 275 HART Communicator and AMS Device Manager.

Engineering Assistant

The Engineering Assistant SNAP-ON[™] application allows you to quickly configure the 3095MV to measure the mass flow of virtually any process.

Calibration Assistant

The Calibration Assistant SNAP-ON application allows you to easily group devices into calibration routes and interfaces directly with a handheld, documenting calibrator.

Wireless Interface

The AMS Device Manager Wireless Interface connects to your Wireless HART devices through the Rosemount 1420 Wireless Gateway. Configure, calibrate, document and diagnose your wireless devices.

3420 Interface

The 3420 Interface uses the Rosemount 3420 to connect AMS Device manager to FOUNDATION fieldbus devices when your current control system does not support fieldbus, allowing you to communicate directly with your FOUNDATION fieldbus devices through AMS Device Manager.

Device List

Emerson's commitment to openness allows you to use one software platform to monitor all the devices in your plant. This includes HART, FOUNDATION fieldbus, and conventional devices.

Interface Options

Connect to devices online for maximum benefits, connect offline to access the historical information in the plant database, and use tools to communicate to one device at a time.

Ordering Information

For information and assistance on ordering AMS Suite please contact your Emerson Sales Representative.

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AMS Suite
