AMS™ Suite – Improving Availability and Performance

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.

Look to your assets for results

When non-stop production can deliver millions of dollars to the bottom line, count on Emerson’s Asset Optimization technologies and services to keep your process running at its best - to push 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.

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.

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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 included along with FOUNDATION™ fieldbus devices from 33 manufacturers and HART® devices from 39 manufacturers. Its 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.

AMS ValveLink
The AMS ValveLink SNAP-ON™ application allows you to perform valve specific functions, including advanced diagnostics with FIELDVUE® digital valve controllers.

AMS Device Manager Web Client
Simple, secure web browser-based access to your instrument and valve data.

Plugged Line Diagnostic
Detect plugged impulse lines on Rosemount HART® 3051S, 3051C, and 3095MV pressure transmitters.

Root Cause Diagnostic
Monitor and check a loop against a list of specific diagnostic conditions so you know how your process is performing.

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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