



## THE POWER OF PREDICTIVE INTELLIGENCE FOR PROCESSES THAT GO BEYOND PLANT WALLS

### AMS™ SUITE: INTELLIGENT DEVICE MANAGER'S INTERFACE SUPPORTS SMART REMOTE AUTOMATION

The power of PlantWeb® has been extended beyond plant walls to remote sites hundreds or thousands of miles away. The Remote Operations Controller (ROC) System Interface enables AMS™ Suite: Intelligent Device Manager users to view, configure, and diagnose HART® and FOUNDATION™ fieldbus devices connected to a ROC network.

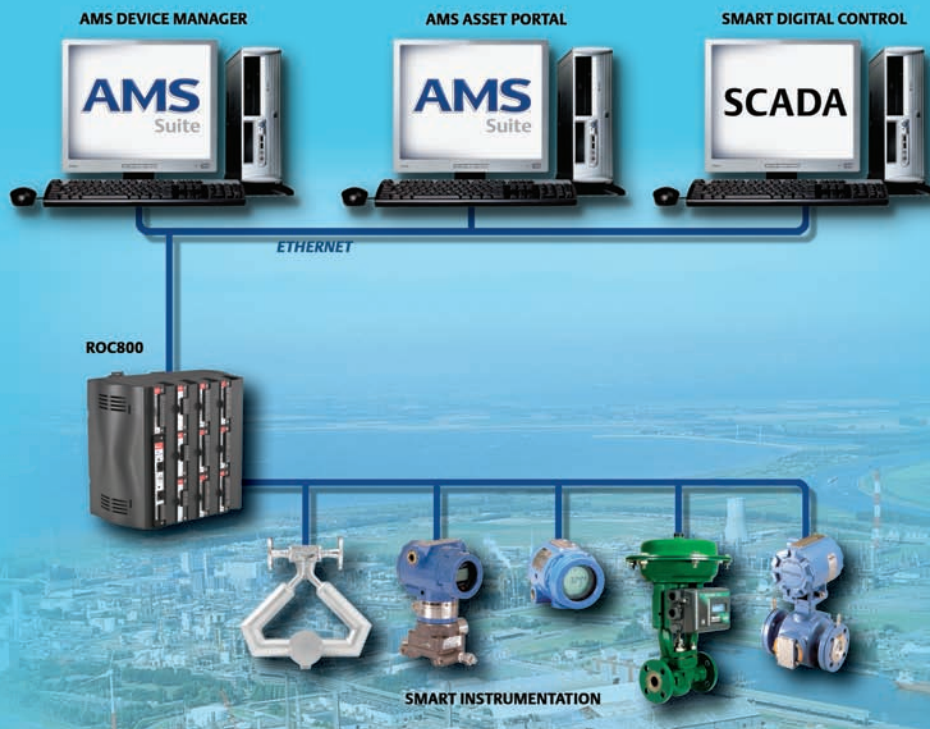
Improve operations and maintenance and increase remote site availability with the powerful combination of AMS Device Manager and a ROC System.



AMS Suite: Intelligent Device Manager powers PlantWeb through predictive and proactive maintenance of intelligent field devices to improve availability and performance.

### FROM THE PLANT TO THE FIELD

- **Use staff more effectively.** Eliminate unnecessary trips to the field by accessing real-time diagnostics and making configuration changes remotely. Give your personnel knowledge of what the problem is and what's required to correct it before they travel to the site.
- **Improve production yields.** Experience faster data gathering, more accurate measurement, tighter control, quicker response to process changes, and better host interfacing. Ensure devices are performing to specifications.
- **Comply with government regulations.** Produce the right data in the right format, on demand, with important management tools such as audit trails, alarming, control, and extensive communications capabilities.
- **Reduce downtime.** Take advantage of advanced monitoring and alarming capability to stay apprised of current process conditions so small problems can be resolved before they become big ones. Troubleshoot efficiently with access to device health and diagnostics.



## TECHNOLOGY ENABLES SMART REMOTE AUTOMATION

### KEY COMPONENTS

AMS Device Manager provides configuration features and the interface for the advanced diagnostics used with HART, FOUNDATION fieldbus, and WirelessHART instrumentation. It also houses all remote asset data including tag numbers, names, locations, calibration status, configurations, diagnostics, and documentation.

For HART, the ROC Polling Service software resides in AMS Device Manager and provides the interface between AMS Device Manager and ROC800.

It has database capabilities and supports data communication between AMS Device Manager and the ROC800.

The ROC800 is a field-proven measurement and control device that serves as the communication link between the smart instrumentation located at a remote site and the ROC Polling Service. Using HART protocol, it passes data between smart instrumentation and AMS Device Manager.

For FOUNDATION fieldbus, the ROC can be accessed by using the Ff HSE interface with AMS Device Manager. For more details, please contact your Emerson sales representative.

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