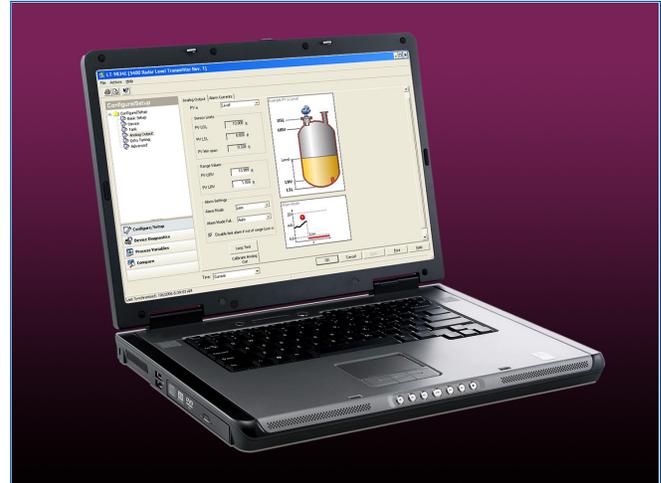


AMS Device Manager with the Ovation™ Expert Control System

- Lower operating and maintenance costs with predictive diagnostic capabilities
- Reduce startup and commissioning costs with easy device configuration
- Monitor and control intelligent field devices through traditional 4-20 mA and digital device information
- Support any device from a single, integrated platform
- Map secondary device variables to Ovation™ process points for display, alarms, and reports



Gain increased visibility to asset health with predictive diagnostics in AMS Device Manager.

Delivers Results

AMS Device Manager delivers improved availability and reduced startup, commissioning, and maintenance costs for the power generation, water treatment, and wastewater treatment industries.

With AMS Device Manager, the Ovation™ expert control system offers seamless communication with intelligent field devices and bus technologies like HART®, FOUNDATION™ Fieldbus, and PROFIBUS to deliver the power of predictive intelligence. AMS Device Manager interfaces with the Ovation system to provide additional diagnostic and monitoring capabilities.

Increases Asset Visibility

AMS Device Manager increases your visibility to predictive diagnostics available in HART, WirelessHART®, FOUNDATION Fieldbus, and PROFIBUS DP devices. With AMS Device Manager, you can configure, manage calibration, check status, and maintain documentation of all devices.

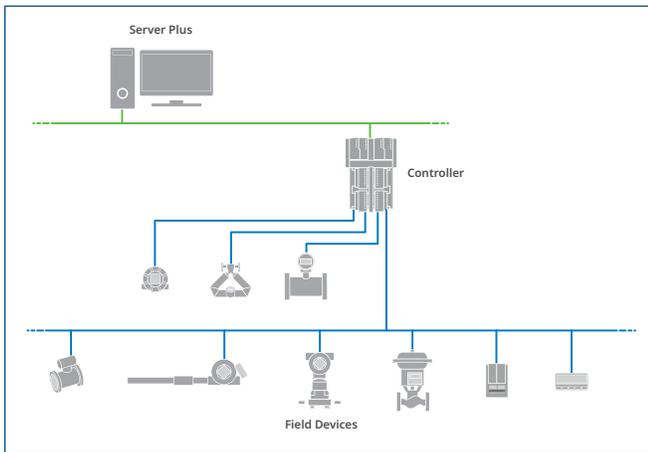
AMS Device Manager streamlines maintenance activities for instruments and valves in the plant. It offers online access to asset health, automatically capturing all device maintenance information. The Ovation connection to field devices provides consistent access to information from any HART or FOUNDATION Fieldbus device that has a device description (DD) registered with the FieldComm Group.

Improve system availability with predictive diagnostics

AMS Device Manager provides powerful diagnostic tools to help you implement a more predictive approach to maintenance. These tools enable access to the health of all your devices in the plant and allows you to make decisions based on their current health, observe field devices suspected of periodic or intermittent malfunction – one of the most difficult failure modes to troubleshoot, watch for field device failure patterns and view device alerts from SNAP-ONS applications.

The Alert Monitor summary screen provides an overview of all device alerts, regardless of the field device protocol. Alert Monitor will organize your alerts so you can easily identify new alerts, keep track of existing ones and filter alerts to quickly find the information you need.

Device View extends your AMS Device Manager system by delivering device health and calibration status information through a browser-based interface. You can view device health from any station that has a network connection to your AMS Device Manager system via a thin client. Device View provides a modern, intuitive dashboard to help you gain insight into unhealthy devices and easily retrieve the data you need to respond to issues effectively.



Using AMS Device Manager with Ovation enables you to access important predictive diagnostics.

- An interface to HART, WirelessHART, FOUNDATION Fieldbus, PROFIBUS DP devices and support for conventional devices
- An asset database that is a secure repository for field device information
- A platform to support SNAP-ON™ applications for increased value

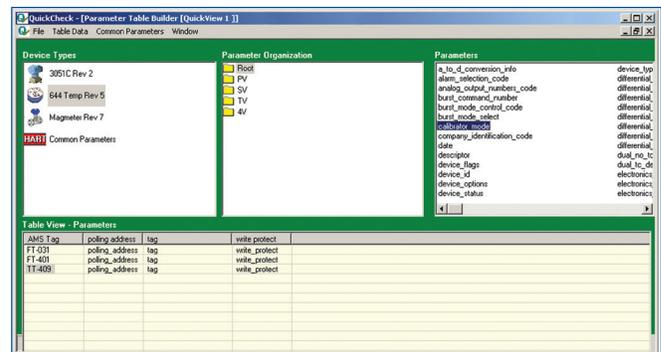
AMS Device Manager provides detailed information about each asset in your plant, directly from the device. It can identify and predict problems as well as provide status information that can significantly reduce troubleshooting time.

You will also experience easier installation and startup, lower maintenance costs and improved asset performance – leading to improved process stability.

Ovation HART and FOUNDATION Fieldbus I/O Interface Modules

Ovation’s HART interface provides a higher degree of field device monitoring for more accurate process control. Once a HART device is connected to Ovation, configuration of traditional 4-20 mA signals and other device parameters is managed through AMS Device Manager.

The Ovation FOUNDATION Fieldbus I/O module provides a mechanism for communicating information from fieldbus devices to Ovation for better diagnostics and predictive maintenance.



Check multiple devices at the same time with the QuickCheck SNAP-ON application.

PROFIBUS DP devices connected to Ovation via the PROFIBUS DP module provides access to device information, including historical configurations and alerts.

SNAP-ON Applications

AMS Device Manager supports a number of SNAP-ON applications to boost the power of your solution. SNAP-ON applications use AMS Device Manager to communicate with devices and provide modular additional functionality to enhance an Ovation system.

The **ValveLink™ SNAP-ON** application allows you to execute advanced valve diagnostic tests, such as valve signature, dynamic error band, drive signal output signal, and step response. These diagnostics help you to zero in on valve problems directly from your computer screen.

Adding the **Calibration Assistant SNAP-ON application** extends your calibration capabilities. Track calibration activities, set up and test calibration procedures, and create calibration routes. It provides easy access to accurate, organized calibration records and automates data entry of calibration information.

The **QuickCheck™ SNAP-ON application** facilitates and accelerates interlock checkout to save time and improve safety. With the QuickCheck SNAP-ON application, you can focus on checking your digital control system’s configuration and logic.

With the **Handheld Communicator Interface**, you can upload, download, and print device configurations from the AMS Trex Communicator.

Combined Power

Combine the power of AMS Device Manager with Ovation for more efficient process control and better asset management. You can improve reliability with access to better information – information you can act on. This powerful solution allows you to replace guesswork with informed decisions.

AMS Device Manager with Ovation can help you:

- Provide your maintenance and operations staff with the ability to remotely configure, re-range, and perform diagnostics on your field instruments to improve reliability.
- Avoid unnecessary trips to the field.
- Reduce plant commissioning costs in new installations or after shutdowns.
- Inform your staff of new and recurring problems through device alerts.
- Prevent unauthorized changes to devices with enhanced user security. Ensure only trained, authorized users have access.
- Reduce unnecessary instrument maintenance by remotely assessing the condition of a field device.
- Optimize calibration activities by tracking device accuracy and calibration scheduling.

This winning combination will increase your overall profitability by reducing maintenance costs, limiting process variability, and improving plant availability.

Ordering Information

Description	Part Number
Ovation System Interface	AW7110PWOV
Online Interface License	AW7010NLxxxxx; where xxxxx refers to the number of online devices connected to the Ovation System.

©2023, Emerson. All rights reserved.

The Emerson logo is a trademark and service mark of Emerson Electric Co. The AMS logo is a mark of one of the Emerson family of companies. All other marks are the property of their respective owners.

The contents of this publication are presented for informational purposes only, and while diligent efforts were 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.

Contact Us
 🌐 www.emerson.com/contactus