

ABB System 800xA Interface

- Access diagnostic information from HART® devices connected to ABB System 800xA
- Take advantage of complete device management, including configuration, calibration, and documentation
- Use SNAP-ON™ applications to gain additional troubleshooting and configuration capabilities



Connect to predictive diagnostics from HART devices with AMS Device Manager and the ABB System 800xA Interface.

Access Predictive Diagnostics through Your Control System

The ABB System 800xA Interface enables you to use AMS Suite: Intelligent Device Manager to configure, calibrate, and manage the predictive diagnostics of connected HART devices. You gain the full benefits of AMS Device Manager, including AMS ValveLink™ and other SNAP-ON applications.

The ABB System 800xA Interface is part of Emerson's continuing commitment to openness by developing applications that easily integrate with new and existing equipment from other manufacturers.

Integrate Asset Management with ABB System 800xA Control System

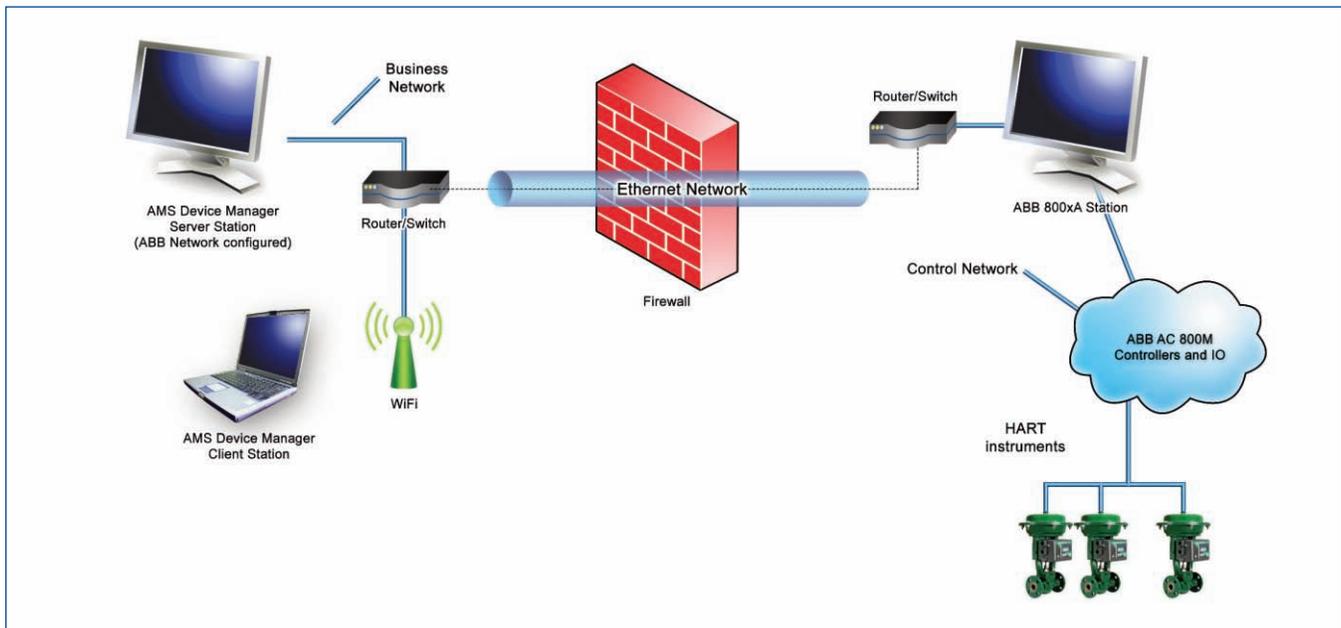
The ABB System 800xA Interface helps you access the powerful predictive diagnostics in your smart devices through easier integration of asset management and process control.

With AMS Device Manager, you can quickly check the health of any connected HART device. The Alert Monitor summary screen provides an overview of all device alerts and gives you the ability to access additional device information for more details.

AMS Device Manager makes configuration fast and easy. Use configuration management to change, store, compare, and transfer device configurations.

Streamline calibration by using AMS Device Manager to define device test schemes, schedule device calibrations, and manage calibration data.

Simplify documentation around device tasks with the AMS Device Manager Audit Trail. You gain a powerful electronic historical record of events so you can quickly view past actions and solutions.



This example architecture shows how AMS Device Manager can be deployed with ABB System 800xA.

Interface Architecture

The ABB System 800xA Interface is available with AMS Device Manager v11.5 and higher and works with ABB System 800xA Station Software v5.1 and higher. The ABB System 800xA station must have System 800xA station software installed and configured in order for AMS Device Manager to communicate with HART devices connected via ABB controllers. There is no restriction on the HART devices that are supported through this interface.

AMS Suite

AMS Device Manager is part of a family of software applications for predictive diagnostics and performance monitoring on all major production assets, including mechanical and process equipment, instruments, and valves.

AMS Suite: Asset Performance Management provides a consolidated view of asset health and performance metrics from all AMS Suite applications and allows you to monitor scorecards and metrics that impact your business goals.

Services

Use Emerson's Asset Optimization Services experts to ensure you are effectively employing AMS Device Manager. Emerson experts can help you prioritize your assets so that you are using predictive diagnostics to full advantage.

For more information, contact your local Emerson Process Management sales representative.

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