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 Device Manager to configure, calibrate, and manage the predictive diagnostics of connected HART devices. You gain the full benefits of AMS Device Manager, including ValveLink SNAP-ON to AMS Device Manager 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.

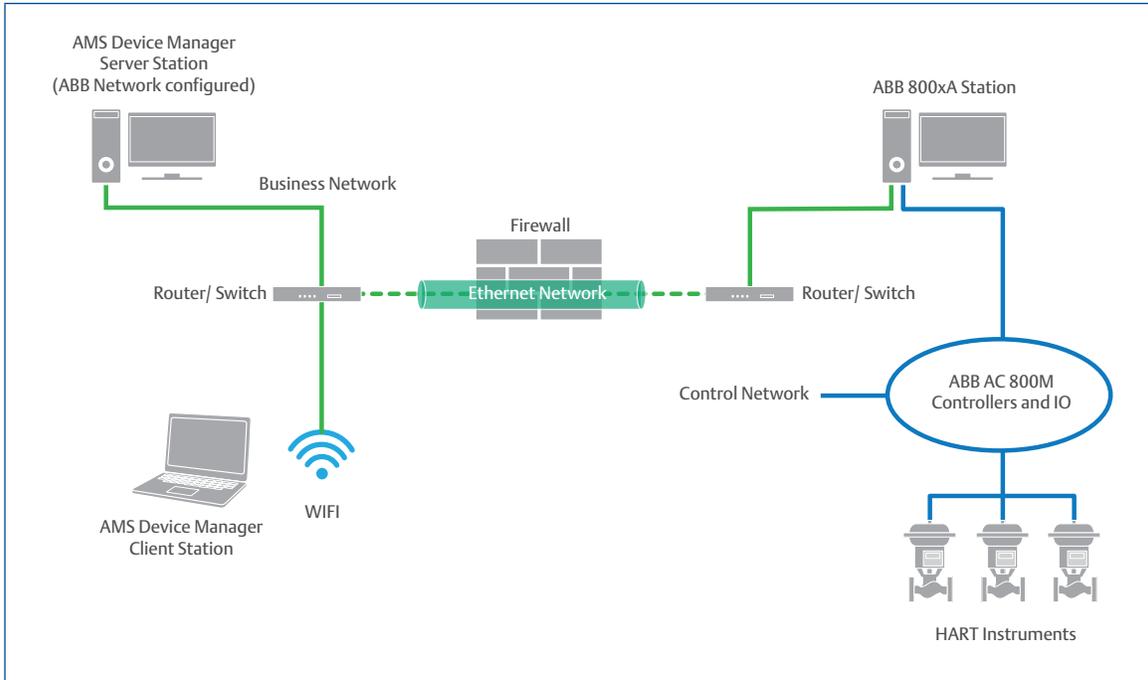## Integrate Asset Management with ABB System 800xA Control System

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.

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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 v13.0 up to v14.1.1 only 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.

Services

Use Emerson's Lifecycle 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 sales representative.

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