

AMS Device Manager with DeltaV

Course 7039 CEUs:3.2

Overview

This 4-1/2 day course is for instrumentation technicians responsible for all areas of managing and ensuring the reliability of instrumentation in the plant process including startup and commissioning, normal operations, maintenance, and troubleshooting. The target audience usually does the following:

- responds to work orders created to calibrate, troubleshoot, repair, service, and replace instruments and valves
- monitors alerts to preemptively address problems prior to operators seeing a problem in the control room
- provides loop testing and assistance with instrumentation on plant turnarounds, start ups, and for project work
- improves process availability and reduces operations and maintenance costs

The hands-on workshops with AMS Device Manager 13.5 along with DeltaV v13.3.1 will address areas relating to the instrument technician's daily tasks.

Prerequisites Microsoft windows experience. Prospective attendees should first complete the eLearning e7020 AMS Device Manager Suite Primer. The purchase of this course includes access to the e7020 course at no extra charge. Upon confirmed enrollment, the student will receive access to the e7020 online course (via email) to take as a prerequisite prior to attending the instructor led course.

Topics

- DeltaV and PlantWeb Overview
- AMS Device Manager Overview
- Foundation fieldbus Overview
- ValveLink SNAP-ON Introduction
- ValveLink DVC Setup
- HART Overview
- PROCONEX QuickCheck SNAP-ON
- PROFIBUS Overview
- Wireless SNAP-ON Introduction
- PlantWeb Alerts
- AMS Device Manager User Interface
- AMS Device Manager Help
- AMS Device Manager Plant Location Hierarchy
- AMS Device Manager Browser
- Monitoring System Alerts with AMS Device Manager
- PROCONEX AlertTrack SNAP-ON
- Device Replacement for HART, Fieldbus, and PROFIBUS Devices
- AMS Device Manager Audit Trail
- ValveLink SNAP-ON Tests and Diagnostics
- AMS Device Manager Calibration Assistant

AMS Suite Intelligent Device Manager Primer

Course e7020 CEUs: .2



Audience This course is for maintenance personnel and managers responsible for understanding the benefits of using the AMS Suite Intelligent Device Manager. This is a 2-hour (average) on-line course with AMS Device Manager screens including interactive practice sessions, workshops, demonstrations, audio presentations and quizzes.

Topics

- Identify Areas that AMS Device Manager could be applied:
 - Speed-Up Start-Ups and Commissioning
 - Improve Quality and Uptime
 - Reduce Costs – Both Fixed and Operating
 - Simplify Safety System Use and Compliance Including Start-Ups
- Identify and Navigate the AMS Device Manager's Screens

Note: Course access is 12 months

AMS Device Manager with Rosemount HART Instruments

Course 7021 CEUs: 2.1

Learn the installation, calibration, maintenance, and troubleshooting of measurement instrumentation using AMS Device Manager. The hands-on focus is on skills required by engineers, technicians, or others that are new to the plant or instrument environment.

Overview This 3-day course teaches maintenance and calibration of measurement devices using AMS Device Manager software to communicate and track information. The student will learn how pressure and temperature transmitters function, are installed, and calibrated using AMS Device Manager. The course uses hands-on training, labs, and lecture to teach the student how to:

- configure and use AMS Device Manager correctly perform transmitter installation and setup procedures
- properly configure HART transmitters
- properly calibrate transmitters
- perform basic troubleshooting-transmitters

Topics

- Configuring and Using AMS Device Manager
- Viewing and Modifying Devices
- Creating a Plant Database Hierarchy and Adding Devices
- AMS Device Manager Browser Functions
- Audit Trail
- HART Communication
- HART Transmitters (3051C, 3144P)
- Test Equipment Selection
- Transmitter Installation and Configuration
- Transmitter Calibration
- AMS Calibration Assistant
- Intelligent Calibrators
- Transmitter Troubleshooting

AMS Device Manager

Course 7020 CEUs: 2.1

Overview

Completing 3-days of AMS Device Manager hands-on instructor assisted training modules and exercises, provides the quickest route to your productive use of this predictive maintenance application. The training exercises focus on skills required by engineers and technicians, and are based on real-world tasks that most users will encounter on the job.

7020-1 Configuring and Using AMS Device Manager

- Viewing and Modifying Devices
- Creating a Plant Database Hierarchy and Adding Devices
- Field Communicator - AMS Device Manager
- AMS Device Manager Browser Functions
- Audit Trail
- Calibrating Device - Calibration Assistant
- Configuring and Monitoring System Alerts

7020-2 System Administration

- AMS Device Manager System Overview
- Installing an AMS Device Manager Server Plus Standalone
- Starting AMS Device Manager for the First Time
- Network Communication Interface Setup
- AMS Device Manager Database Management
- Installing a Distributed System
- Installing Device Types from Media

7020-3 SNAP-ON™ Applications

- AMS ValveLink® SNAP-ON Application-Basics
- MV Engineering Assistant SNAP-ON Application - Basics
- Rosemount Engineering Assistant™ 3051SMV SNAP-ON
- AMS Wireless SNAP-ON Application
- QuickCheck™ SNAP-ON Application
- Using AMS Device Manager OPC Server and the Matrikon OPC Explorer
- AMS Device Manager Web Services
- AlertTrack SNAP-ON Application

This instructor assisted course is operated in a hands-on, self-paced environment, which allows the student to work at their individual pace. Training can also be delivered at your plant with the help of our certified instructors. AMS Device Manager modules may be purchased for self-study for \$200 each or \$510 for all three paper/bound modules.

To Order

To Order Training modules ONLY
visit:www2.emersonprocess.com/en-US/brands/fisher/Contacts/Pages/contacts.aspx

For AMS Suite training information please refer to the appropriate contact on page 118.
For regional training center contacts refer to pages 116-117.
Visit: www.emersonprocess.com/education for current dates, locations and enrollments.