

Course description

SE124

System 800xA with Advant Engineering, Human Machine Interface

Course goal

The participants will learn how to configure the HMI (Human Machine Interface) of System 800xA connected to Advant controllers.

Learning objectives

Upon completion of this course the participants will be able to:

- n Plan an appropriate architecture for an 800xA system with Advant controllers
- n Install the connectivity software for Advant controllers
- n Create and maintain a system
- n Set up the communication between System 800xA and Advant controllers
- n Configure graphic displays
- n Manage and configure alarm and events
- n Set up historical data collection and configure trend displays

Participant profile

This training is targeted to system and application engineers, commissioning and maintenance personnel, service engineers and system integrators.

Prerequisites

Students should have attended the courses A331 (configuration and operation of Advant controllers) and T315H (HMI configuration of System 800xA connected to AC 800M controllers) or have knowledge and experience associated with the content of these courses.



Topics

- n System 800xA architecture
- n Plant Explorer
- n Installation
- n System handling
- n Controller communication
- n Plant modeling
- n Graphic displays
- n Alarm and events
- n Historian and trends

Course type and methods

This is an instructor led course with interactive classroom discussions and associated lab exercises. Approximately 50% of the course is hands-on lab activities.

Duration

The duration is 2 days.

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Course outline

Day 1	Day 2
<ul style="list-style-type: none">n Course overviewn System 800xA architecturen Plant Explorern Installationn System handlingn Controller communication	<ul style="list-style-type: none">n Plant modelingn Graphic displaysn Alarm and eventsn Historian and trends