T320
System 800xA for Advant Master Configuration

Learn the basics of System 800xA architecture for Advant Master AC450.

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.

Student 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 AC400 configuration course A331 (course A400 for AC100) or have knowledge and experience associated with the content of the courses.

Course objectives
Upon completion of this course the participants will be able to:
- Plan an appropriate architecture for a system 800xA with Advant Master
- Install the AC450 Connect software
- Navigate in the system and create new objects / aspects
- Configure and maintain the communication between 800xA and Advant controllers

- Configure and modify graphic displays, faceplates and graphic elements
- Manage and configure alarm and events
- Configure historical data collection and trends
- Configure time synchronization
- Create and customize a workplace
- Configure user accounts and describe how access rights work
- Save and restore data

Main Topics
- System 800xA architecture for Advant Master
- AC450 Connect installation
- Plant Explorer introduction
- Controller communication and Database integration
- Graphic Displays
- Faceplates
- Alarm and Events
- Historical data collection
- Trends
- Time synchronization
- Workplace configuration
- Security
- Backup and restore

Duration
The duration is 5 days

Course Outline

Day 1	Day 2	Day 3	Day 4	Day 5
• Course information	• Graphic displays	• Alarm and Events	• Time synchronization	• AC450 Connect installation
• System 800xA architecture for Advant Master	• Master Faceplates for Advant	• Historical data collection	• Workplace configuration	• Optional topics: NLS, BDM
• Plant Explorer introduction		• Trends	• Security	
• Controller communication		• Backup and Restore		