

T320

800xA with Advant Master



Learn the configuration and maintenance of the Extended Automation System 800xA for Advant Master Controllers.

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.

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 AC 400 configuration course A331 (course AC 400 for AC 100) or have knowledge and experience associated with the content of these courses.

Course objectives

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

- Plan an appropriate architecture for an 800xA System with Advant Master.
- Install System 800xA for Advant Master Software.
- Navigate in the system and create new objects / aspects.
- Configure and maintain the communication between System 800xA and Advant controllers.
- Configure process graphic displays and define navigation links.
- Modify faceplates and create graphic elements.
- Manage and configure alarm and events.
- Set up the historical data collection and configure trend displays.
- Configure time synchronization.
- Create and customize Operator Workplaces.
- Configure user accounts and describe how access rights work.
- Backup and restore System 800xA data.
- Create simple reports using MS Excel Data Access.

Main topic

The duration is 5 days

- System 800xa architecture
- Operation
- Plant Explorer
- System Handling
- Controller Communication
- Plant Modeling
- Graphic Displays
- Graphic Elements
- Faceplates
- Alarm and Events
- Historian and Trends
- Status List
- Operator Workplace
- Security
- Time Synchronization
- Backup and Restore
- Simple reports

Duration

Course Outline

Day 1	Day 2	Day 3	Day 4	Day 4
Course Overview System 800xA Architecture Operation Plant Explorer Introduction System Handling	Controller Communication Plant Modelling Graphic Display PG2	Graphic Elements Faceplates PG2 Alarm and Events	Historian and trends Status List Work Place Configuration Security	Time Synchronization Backup and Restore Simple Reports
