

T326

System 800xA for Freelance 800F Configurations

Course goal

The goal of this course is to learn the installation, configuration and maintenance of the Extended Automation System 800xA for Freelance 800F.

Learning objectives

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

- Plan an appropriate architecture for a system 800xA with Freelance 800F
- Install the Freelance 800F Connect software
- Navigate in the system and create new objects / aspects
- Configure and maintain the communication between 800xA and Freelance 800F 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

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 course T315C "Engineering with Control Builder" and T315H "Engineering with HIS" or have knowledge and experience associated with the content of this course.

The required knowledge should be verified via the user assessment T710-01e "Engineering using AC 800M".



Topics

- System 800x architecture
- Freelance 800F 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 Introduction Substation Automation

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.

Course duration

The duration is 5 days.

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Course outline

Day 1

- Course information
 - System 800xA architecture for Freelance 800F
 - Operation
 - Plant Explorer introduction
 - Freelance 800F Connect installation
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Day 2

- Controller communication
 - Database integration
 - Graphic displays
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Day 3

- Graphic elements
 - Faceplates
 - Alarm and Events
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Day 4

- Historical data collection
 - Trends
 - Workplace configuration
 - Time synchronization
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Day 5

- Security
- Backup and Restore
- Optional topics- Bulk Data Management