

T322

System 800xA with AC 870P / Melody Configuration

Course goal

The goal of this course is to understand the system structure and to learn the configuration and maintenance of the Extended Automation System 800xA with AC 870P / Melody.

Learning objectives

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

- Plan an appropriate architecture for a system 800xA with AC 870P / Melody
- Configure and maintain the communication between 800xA and AC 870P / Melody controllers
- Describe the system structure of the AC 870P / Melody Connect
- Navigate in the system and create new objects / aspects
- Configure and modify graphic displays 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 and Recommendations

Students should have attended the Melody Composer configuration course T330 / T331 or have knowledge and experience associated with the content of the courses.



Topics

- System 800x architecture with AC 870P / Melody
- AC 870P / Melody Connect system structures
- 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

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 with AC 870P / Melody
 - Operation
 - Plant Explorer introduction
 - AC 870P / Melody Connect system structures
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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
 - Security
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Day 5

- Time synchronization
 - Backup and Restore
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