

T323

Compact HMI 800 / System 800xA with PLC Connect Configuration

Course goal

The goal of this course is to learn the installation, configuration and maintenance of the Extended Automation System 800xA with PLC Connect as well as the Compact HMI 800.

Learning objectives

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

- Plan an appropriate architecture for System 800xA with PLC Connect / Compact HMI 800
- Create a system and configure the services
- Navigate in the system and create new objects / aspects
- Create object types and instances
- Configure the communication between the HMI and controllers
- Configure and modify graphic displays, faceplates and graphic elements
- Manage and configure alarm and events
- Configure historical data collection and trends
- 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 shall know the fundamentals of working with Control Systems and have basic knowledge of Windows 7.



Topics

- System overview
- Operator Workplace
- Plant Explorer introduction
- Handling of Aspects and Objects
- System setup
- Objects and Signals
- Process objects
- Graphic displays
- Graphic elements
- Faceplates
- Workplace configuration
- Alarm and Events
- Historical data collection
- Trend displays
- 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 overview
 - Operator Workplace
 - Plant Explorer introduction
 - Handling of Aspects and Objects
 - System setup
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Day 2

- Objects and Signals
 - Process objects
 - Graphic displays
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Day 3

- Graphic elements
 - Faceplates
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Day 4

- Workplace configuration
 - Alarm and Events
 - Historical data collection
 - Trend displays
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Day 5

- Security
 - Backup and Restore
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