

Course description

SE117

Configuring Compact HMI 800

Course goal

The goal of this course is to learn the installation, configuration and maintenance of the Compact HMI 800.

Learning objectives

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

- Install Compact HMI 800
- Navigate in the system and create new objects / aspects
- Create object types and instances
- Set up the communication between Compact HMI 800 and the controller
- Configure and modify graphic displays, graphic elements and faceplates.
- Manage and configure alarm and events
- Set up historical data collection and configure trend displays
- Create and customize an operator workplace
- Configure user accounts and describe how access rights work
- Backup and restore Compact HMI 800 data
- Create simple reports using MS Excel data access
- Describe the National Language Support (NLS) principles
- Use bulk data handling with templates

Participant profile

This training is targeted to system and application engineers, commissioning and maintenance personnel, service engineers and system integrators.

Prerequisites

Students should have experience of working with control systems and basic knowledge of Windows operating system.



Topics

- Installation
- Compact HMI 800 overview
- Engineering workplace
- Object types
- Device object instances
- Graphic displays
- Graphic elements
- Faceplates
- Alarm and events
- Historical data collection
- Trend displays
- Operator workplace
- Security
- Backup and restore
- Simple reports
- National Language Support (NLS)
- Bulk data handling

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.

Duration

The duration is 4 days.

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Course outline

Day 1	Day 2	Day 3	Day 4
<ul style="list-style-type: none">■ Course overview■ Installation■ Compact HMI 800 overview■ Project handling■ Engineering workplace■ Object types■ Device object instances	<ul style="list-style-type: none">■ Initial workspace set-up■ Graphic displays■ Graphic elements	<ul style="list-style-type: none">■ Faceplates■ Alarm and events■ Historical data collection■ Trend displays	<ul style="list-style-type: none">■ Operator workplace■ Security■ Backup and restore■ Simple reports■ National Language Support (NLS)■ Bulk data handling