

Course description

# T365

## Configuration of AC 800M Using Compact Control Builder

### Course goal

The goal of this course is to learn the Configuration of AC 800M using Compact Control Builder.

### Learning objectives

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

- Create / Modify a Project
- Configure the AC 800M Hardware and IOs
- Insert and connect Libraries in a Control Project, Create project specific Libraries.
- Learn to create and use Data types
- Design and Configure Application programs by Variety of IEC 61131-3 languages
- Configure Tasks to Programs and Diagrams.
- Configure Inter Application Communication.
- Configure Alarm and Events
- Backup/Restore the complete Control Project

### Participant profile

This training is targeted to System engineers, commissioning and maintenance personnel, and service engineers working for Channel Partners.

### Prerequisites

Students shall know the fundamentals of working with Control Systems and have basic knowledge of Windows and Networking Technologies.



### Topics

- Compact Products Suite Overview
- AC 800M Hardware
- Libraries
- Variables and Data types
- Function Block Diagram
- Structured Text
- Task Assignment / Memory
- Control Modules
- Diagrams
- Sequential Function Charts (SFC)
- Communication
- Alarm Handling
- 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 3 days.

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### Course outline

#### Day 1

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- Course Overview
  - Compact Products Suite Overview & Installation
  - Control Project
  - AC 800M Hardware
  - Libraries
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#### Day 2

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- Variables and Data types
  - Function Block Diagram
  - Structured text
  - Task Assignment and Memory
  - Control Modules
- 

#### Day 3

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- Diagrams
  - Sequential Function Charts
  - Communication
  - Alarm Handling
  - Backup and Restore
- 

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