T365
Configuring 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.
- 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 800 Overview
- AC 800M Hardware
- Libraries
- Variables and Data types
- Function Block Diagram
- Structured Text
- Task Assignment / Memory
- Control Modules
- 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 2 days.

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Using Compact Control Builder

Course outline

Day 1

- Course Overview
- Compact 800 Overview & Installation
- Control Project
- AC 800M Hardware
- Libraries
- Variables and Data types
- Function Block Diagram

Day 2

- Structured text
- Task Assignment and Memory
- Control Modules
- Sequential Function Charts
- Communication
- Alarm Handling
- Backup and Restore

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