ABB University

T325 System 800xA for DCI Configuration

Course description

Course goal
The goal of this course is to learn the installation, configuration and maintenance of the Extended Automation System 800xA for DCI.

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

- Plan an appropriate architecture for a system 800xA with DCI Connect
- Install the DCI Connect software
- Navigate in the system and create new objects / aspects
- Configure and maintain the communication between 800xA and DCI controllers
- Configure and modify graphic displays, faceplates and graphic elements
- Manage and configure alarm and events
- Configure historical data collection and trends
- Configure time synchronization on a DCI Connect system
- Create and customize a workplace
- Configure user accounts and describe how access rights work
- Save and restore data

Prerequisites
Students should have knowledge and experience of the DCI control system and have basic knowledge of Microsoft Windows.

Topics
- System 800x architecture for DCI
- DCI Connect installation
- 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

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

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 for DCI
- System installation
- Plant Explorer introduction

Day 2
- Controller communication
- Database integration
- Faceplates

Day 3
- Graphic displays
- Alarm and Events
- Historical data collection

Day 4
- Trends
- Time synchronization
- Workplace configuration

Day 5
- Security
- Import Export
- Backup and Restore

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