T306
System 800xA with AC 800M
Information Management - Configuration

Course goal

The goal of this course is to provide students with knowledge how to configure and manage plant data using 800xA Information Management.

Learning objectives

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

Install Information Manager

- Configure historical data for collection, storage, archiving and distribute data and events
- Configure Soft Points
- Configure Calculations
- Connect OPC DA and OPC AE Servers
- Configure ODBC data access for local and remote access
- Configure and schedule reports
- Configure Information Manager to store plant information
- Configure client data retrieval
- Troubleshoot the Information Manager

Participant profile

This training is targeted to system, process, instrumentation, application, and information management engineers.

Prerequisites

Students should have attended the basic engineering course T314 or T315 or have knowledge and experience associated with the content of the course.

Students shall know the fundamentals of working with Control Systems and have basic knowledge of Windows 2008 server and networking technologies.
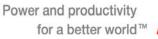
Topics

- Overview 800xA Information Management
- Installation of the Information Manager
- Soft Point Server
- Calculations
- Connectivity to OPC Servers for DA and AE
- Data Logging
- Message Logging
- Archiving of Data
- ODBC access using the Open Data Access
- Scheduling Services
- Report Services
- PDL integration for Batch (opt.)
- Data Retrieval
- Maintenance

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 5 days.

Power and productivity
for a better world™

ABB

Course outline

Day 1

– Overview
– System Architecture
– Softpoints
– Calculations

Day 2

– History
– Archiving
– Open Data Access

Day 3

– Reports
– Scheduling
– Excel Data Access
– Smart Client

Day 4

– Display Services
– Desktop Trends
– Backup and Restore
– System Administration

Day 5

– Batch Integration
– IM Installation

ABB University
BU Control Technologies
www.abb.com/controlsystems
www.abb.com/abbuniversity

2PAA102411

Power and productivity
for a better world™