

## T306

# System 800xA - Information Management Configuration



Learn the configuration of the Information Management provided by the Extended Automation System 800xA.

### Course type and methods

This is an instructor led workshop with short presentations and demonstrations, extended exercises, hands on sessions and discussion. Approximately 50% of the course is hands-on lab.

### Student Profile

This Course is targeted to commissioning and maintenance personnel, system administrators, application and service & support engineers.

### Prerequisites

Students should have attended either the Basic Configuration course T314 or the Engineering course T315 or have knowledge and experience associated with the content of these courses.

### Course objectives

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

- Understand the architecture of the QCS800xA platform
- Understand the QCS software configuration
- Locate the XML file that defines a given QCS Control ID
- Use the QCS ActiveX controls to create a QCS aspect display
- Create custom Grade Code data
- Create a custom OPC Transporter file

- Create custom XML files that supply data for custom QCS displays
- Add an additional input to suspend and MD Control Loop
- Install QCS License
- Install 800xA License
- Install QCS hotfixes posted to ABB SolutionsBank

### Main topics

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

### Duration

The duration is 5 days

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## Course Outline

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Day 1	Day 2	Day 3	Day 4	Day 5
<ul style="list-style-type: none"><li>• Course overview</li><li>• 800xA Information Management overview</li><li>• Installation</li><li>• Licensing</li><li>• System structures</li></ul>	<ul style="list-style-type: none"><li>• Soft point Server</li><li>• Calculations</li><li>• Third Party OPC Connection (DA/AE)</li><li>• Property Logs</li><li>• Message Logs</li></ul>	<ul style="list-style-type: none"><li>• Archiving</li><li>• Distributed Logs</li><li>• ODA ODBC/OLE DB Data Access</li><li>• Reporting</li><li>• Scheduling</li></ul>	<ul style="list-style-type: none"><li>• Desktop Access</li><li>• Data Direct</li><li>• Desktop Trends</li><li>• Display</li><li>• Display Data Providers</li><li>• Remote OLE/DB and ODBC</li></ul>	<ul style="list-style-type: none"><li>• Shutdown and Startup</li><li>• Maintenance</li><li>• Security</li></ul>

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