

T305

System 800xA - Administration & Installation



Learn how to install and administer an Extended Automation System 800xA. Plan a complete system architecture from top to bottom with hands-on lab activities.

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 training is targeted to system engineers, administrators and system integrators.

Prerequisites

Students should have attended either the Basic Configuration course T314 or one of the Engineering courses - T315C&H or T315F&H, or have knowledge and experience associated with the content of these courses. In addition, they should have attended the basic Microsoft courses for Windows Server or have equivalent experience.

Course objectives

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

- Plan a complete system architecture and state the system limits
- Design and setup a redundant automation network
- Configure IT assets
- Create Windows users and configure the link to System 800xA
- Configure access rights on Windows and 800xA level

with group policies, roles and permissions

- Lock down an Operator Workplace
- Setup audit trail functionality
- Configure and maintain redundant servers
- Set up clock synchronization to AC 800M
- Backup and restore complete 800xA systems
- Configure Windows Domains / Workgroups
- Install and license the System 800xA software
- Collect diagnostic log files

Main topics

- System architecture
- System planning
- Network setup
- PC & Network monitoring (IT assets)
- OPC communication
- 800xA security
- Operator Workplace restrictions
- Audit trail
- Server redundancy
- Time synchronization
- Backup / restore
- Domain setup
- System installation
- Diagnostics / Preventative maintenance

Duration

The duration is 5 days

Course Outline

Day 1	Day 2	Day 3	Day 4	Day 5
<ul style="list-style-type: none">• Course overview• System architecture• System planning• Network setup• PC & Network monitoring• (IT assets)	<ul style="list-style-type: none">• OPC communication• 800xA security• Operator Workplace restrictions	<ul style="list-style-type: none">• Audit trail• Server redundancy• Time synchronization• Backup/restore	<ul style="list-style-type: none">• Backup/restore• Domain setup• System installation	<ul style="list-style-type: none">• System installation• Diagnostics• Preventative maintenance

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