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## COURSE DESCRIPTION

# T305

# System 800xA Administration and Installation

### Course goal

Learn Administration and Installation of Extended Automation System 800xA.

### Main learning objectives

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

- Explain the System 800xA architecture and the function of the different components;
- Become familiar with the installation Prerequisites;
- Setup the Network and Verify communication;
- Plan and 800xA System, Install and Configure the System;
- Configure OPC Communication;
- Create and Configure users and Access Restrictions;
- Configure Group Policies;
- Setup Audit Trail Lists;
- Setup Time Synchronization;
- Perform Backup on 800xA Nodes;
- Diagnose and Maintain the 800xA System.

### Participant profile

This training is targeted to System Administration Personnel

### Prerequisites

Students shall know the fundamentals of 800xA and knowledge of Windows 10, Windows 2016 Server OS and Networking technologies.

### Topics

- System 800xA architecture;
- Installation Prerequisites;
- Network Setup;
- System Installation;
- OPC Communication;
- 800xA Security;
- Audit Trail;
- Time Synchronization;
- Backup and Restore;
- Server Redundancy;
- Diagnostics;
- Preventive 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.

### Duration

The duration is 5 days.

## Course map

	DAY 1	DAY 2	DAY 3	DAY 4	DAY 5
Topics	<ul style="list-style-type: none"> <li>• Course overview;</li> <li>• System 800xA architecture;</li> <li>• Installation Prerequisites;</li> <li>• Network Setup;</li> <li>• System Installation.</li> </ul>	<ul style="list-style-type: none"> <li>• System Installation;</li> <li>• OPC Communication.</li> </ul>	<ul style="list-style-type: none"> <li>• 800xA Security;</li> <li>• Operator Workplace;</li> <li>• Restrictions;</li> <li>• Audit Trail.</li> </ul>	<ul style="list-style-type: none"> <li>• Time Synchronization;</li> <li>• Backup and Restore;</li> <li>• Server Redundancy;</li> <li>• Backup Nodes.</li> </ul>	<ul style="list-style-type: none"> <li>• PC and Network Monitoring;</li> <li>• Diagnostics;</li> <li>• Preventive Maintenance.</li> </ul>
Time	9:00 am – 6:00 pm	9:00 am – 6:00 pm	9:00 am – 6:00 pm	9:00 am – 6:00 pm	9:00 am – 6:00 pm

Typical course layout (time or sequence may change)