

S322R33

S+ Plus Operations - Advanced Configuration Version 3.3



Learn how to design complex S+ Operations HMI (Human Machine Interface) architectures and configure advanced functions.

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.

Student Profile

This training is targeted to system and application engineers, commissioning and maintenance personnel, service engineers, system integrators, plant instrumentation and control personnel, and data processing staff for all areas of automation..

Prerequisites

Students should have attended S321 – S+ Operations – Basic Configuration course. They should also have a general understanding of process automation and basic knowledge of control systems.

Course objectives

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

- Know and create complex architecture of a Symphony Plus Operations
- Setup a redundant S+ Operations system
- Know S+ Operations connectivity

- Create S+ Users linked to Windows Active Directory groups
- Configure and edit S+ Operations databases
- Configure and manage history functions, including AlarmPortal and ReportPortal
- Configure Web Functions

Main topics

- Symphony architecture
- Design Considerations
- HSI Server Redundancy
- History Server Redundancy
- OPC Connectivity
- Third Party Scanner Connectivity
- Users & Groups
- History Reports
- Web Server
- Alarm & Trend Analysis

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• Symphony Plus Architecture• Design and Engineering• HSI Server Redundancy• Hands-on lab: Exercises	<ul style="list-style-type: none">• History Server Redundancy• Hands-on lab: Exercises	<ul style="list-style-type: none">• OPC Connectivity• Third Party Scanner Connectivity• Hands-on lab: Exercises	<ul style="list-style-type: none">• Users & Groups• History Reports• Web Server• Hands-on lab: Exercises	<ul style="list-style-type: none">• Alarm and Trend Analysis• Hands-on lab: Exercises• Questions & Answers

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