

## S321

# Symphony Plus Operations - Basic Configuration



Learn the basic configuration and operational features of the Symphony Plus Human System Interface.

### 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 and system integrators.

### Prerequisites

Students should have attended M202 Composer Engineering Software Tools course or S312 Symphony Plus Harmony Advanced Engineering course. They should also have a basic knowledge of Windows 7 or Windows 2008 Server and know the fundamentals of Process Control Systems.

### Course objectives

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

- Explain the Symphony Plus architecture and the function of the different components
- Navigate within the Symphony Plus Operation Explorer
- Import a Harmony tag database

- Configure process graphic displays and define navigation links
- Create graphic elements
- Manage and configure alarm and events
- Set up the historical data collection and configure trend displays
- Configure security user accounts
- Backup and restore the Symphony Plus system

### Main topics

- Symphony Plus Architecture
- Symphony Plus Operations Explorer
- Composer Project and Tag database
- Historical Data Collection
- Trend Displays
- Alarms and Events
- Symphony Plus Graphic Displays
- Symphony Plus Graphic Elements
- User Security
- Backup and restore

### 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>• Symphony Plus Architecture</li><li>• Symphony Plus Operations Explorer</li><li>• Tag Database Integration</li><li>• Hands-on lab: Exercises</li></ul> | <ul style="list-style-type: none"><li>• Historical Data Collection</li><li>• Trend Displays</li><li>• Alarms and Events</li><li>• Hands-on lab: Exercises</li></ul> | <ul style="list-style-type: none"><li>• Graphic Displays</li><li>• Graphic Elements</li><li>• Hands-on lab: Exercises</li></ul> | <ul style="list-style-type: none"><li>• Security</li><li>• Operator Workplace</li><li>• Hands-on lab: Exercises</li></ul> | <ul style="list-style-type: none"><li>• Backup and Restore</li><li>• Hands-on lab: Exercises</li><li>• Questions &amp; Answers</li></ul> |

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+1 800 HELP 365 Option 2, Option 4  
Fax: +1 919 666 1388  
abbuniversity@us.abb.com

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