Learn the configuration and features of the Symphony Plus hardware, engineering tools, and operator console used in a Symphony Plus system.

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.

Student Profile
This training is targeted to system and application engineers, commissioning and maintenance personnel, service engineers and system integrators.

Prerequisites
Students shall have a basic knowledge of process control fundamentals. They should also have a basic understanding of Microsoft Windows operating systems. Students shall have attended the Symphony Plus Sales and Commercial Training 101 prior to taking the S357.

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
• Manage users with the User Management tool
• Create a new S+ Engineering project Create a new Control Engineering project
• Establish Symphony Plus Communications
• Set Up Symphony Plus Controllers
• Flash Firmware to Symphony Plus Hardware
• Configure and Inspect the Harmony controllers
• Create a Control Logic Document (CLD)
• Use System Topology tool
• Utilize reports, trends, and live data to evaluate control loop and controller behavior
• Verify Configuration files
• Create User folders, Shapes and Macros for use in CLD development
• Setup a Control Logic Template (CLT)
• Use Bulk Engineering tool
• Configure Symphony Plus I/O Modules
• Navigate within the Symphony Plus Operation Explorer
• Check and configure Server Redundancy
• Import a Harmony tag database
• Manage and configure alarm and events
• Set up the historical data collection and configure trend displays
• Configure process graphic displays and define navigation links
• Create graphic elements
• Configure security user accounts
• Backup and restore the Symphony Plus system
• Set Up S+ Operations Web Client

Duration
The duration is 9.5 days
## Course Outline

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