Learn the new engineering tools in the Harmony control project using the S+ Engineering Workbench.

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 know the fundamentals of working with control systems, have basic knowledge of Windows and networking technologies, and have attended M111 or S311, and M202 courses.

Course objectives
Upon completion of this course the participants will be able to:
• Review the Symphony Plus Harmony System architecture and the function of the different components
• Licensing S+ Engineering
• Load S+ Engineering Workbench
• Navigate in the S+ Engineering Workbench
• Create a new control project
• Use System Topology tool
• Navigate Composer Field
• Use I/O List Management tool
• Set up Virtual PNI for EWS communications to the control network
• Create a Project and console Tag list to export using Composer Operations

Main topics
• Symphony Plus Architecture
• S+ Engineering Installation
• S+ Engineering Navigation
• User Management
• S+ Engineering Project
• System Topology
• Composer Field
• I/O List Management
• Virtual PNI
• Composer Operations

Duration
The duration is 3 days
## Course Outline

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