SMC
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Overview:

This course (PRC201-EL) introduces the core components of a PlantPAx® distributed control system, including system architecture, configuration, alarms, and security. In this course, you will learn PlantPAx concepts and terminology and will be shown how to:

- Define and procure a PlantPAx process automation system
- Create process control applications with the PlantPAx library of add-on instructions, faceplates, and process strategies
- Create interactive displays for operator workstations, including alarms
- Secure a PlantPAx system
- Verify a PlantPAx system

RA Authorized Service Provider
A ROCKWELL AUTOMATION PARTNER

Objectives:

- Defining and Procuring a PlantPAx Distributed Control System
- Defining a PlantPAx Distributed Control System Architecture Using the PlantPAx System Estimator
- Developing a PlantPAx Distributed Control System Application Using Studio 5000® Application Code Manager
- Creating Control Strategies for a PlantPAx Application Using the Rockwell Automation® Library of Process Objects
- Configuring Area-Based Security for a PlantPAx Application
- Developing a PlantPAx HMI Application Using the Rockwell Automation Library of Process Objects and Tools
- Configuring Alarms for a PlantPAx Application
- Configuring a Sequencer in a PlantPAx Application
- Verifying an Application Using PlantPAx System Checklists

Who Should Attend:

System Integrators, Field Support Engineers, Remote Support Engineers, Distributors, Domain Experts, and Engineers with entry-level experience to PlantPAx or those new to PlantPAx who have a background in automated process control and Rockwell Automation products should attend this course.

Prerequisites:

To successfully complete this course, the following prerequisites are required:

- Studio 5000 Logix Designer Level 1: ControlLogix® System Fundamentals (Course Number CCP146)
- FactoryTalk® View SE Programming (Course Number CCV207)

OR

- Practical work experience with process applications, ControlLogix systems and programming, and FactoryTalk View SE applications

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