Overview:

This course (CCP183-EL) provides guidance on how to configure and troubleshoot an EtherNet/IP network. This includes setting EtherNet/IP network addresses, configuring a managed switch to meet network requirements, and monitoring managed switch performance. Examples, activities, and demonstrations in this course focus on the Stratix 5700 managed switch.

Objectives:

- Understanding EtherNet/IP Network Addressing Fundamentals Assigning a Computer's IP Address for an EtherNet/IP Network
- Performing Initial Configuration of a Managed Switch
- Configuring EtherNet/IP Settings on Automation Devices
- Creating and Assigning VLANs on a Stratix 5700 Switch
- Configuring DHCP Persistence for a Stratix Switch
- Configuring Network Address Translation (NAT) for a Stratix 5700 Switch
- Configuring Port Security and Traffic Monitoring for a Stratix 5700 Switch
- Monitoring EtherNet/IP Network and Device Status
- Managing a Stratix 5700 Switch Using a Studio 5000 Logix Designer Project
- Troubleshooting EtherNet/IP Network Problems
- Troubleshooting a Stratix 5700 Switch
- Updating Stratix 5700 Switch Firmware

Who Should Attend:

This course is intended for technicians and engineers who must deploy and maintain Industrial Automation and Control System (IACS) networks should attend this course.

Prerequisites:

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

- Completion of Studio 5000 Logix Designer Level 1: ControlLogix System Fundamentals (Course No. CCP146) or equivalent experience

- Completion of Studio 5000 Logix Designer Level 2: ControlLogix Maintenance and Troubleshooting (Course No. CCP153)

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