

# PowerFlex 750-series Configuration for an Integrated Control System

## Description

This course (CCA184) provides you guidance on how to integrate your PowerFlex<sup>®</sup> 753 or 755 drive into a system that includes:

- Logix5000™ controllers
- PanelView™ Plus terminals running FactoryTalk<sup>®</sup> View ME software

Throughout the course, you will have the chance to use a variety of hardware and software tools, including:

- The A6 LCD HIM
- Studio 5000 Logix Designer<sup>®</sup> application (formerly RSLogix 5000<sup>®</sup> software)
- FactoryTalk View ME software

## Objectives

- Adding PowerFlex 750-Series Drive to a Studio 5000 Logix Designer Project
- Locating and Modifying PowerFlex 750-Series Data from a Studio 5000 Logix Designer Project
- Integrating a PowerFlex 750-Series Drive with a Logix5000 Controller
- Adding PowerFlex 750-Series Faceplates to a FactoryTalk View ME Application
- Operating a PowerFlex 750-Series Drive in an Integrated Architecture System

## Prerequisites

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

- Working knowledge of electricity, and knowledge of electrical and industrial safety (including PPE requirements and safe practices)
- Completion of the PowerFlex 750-Series Startup and Configuration course (Course No. CCA182)
- Knowledge of Logix5000 system fundamentals and basic programming skills:
  - Creating a new project
  - Adding I/O
  - Working with tags
  - Writing and testing ladder logic that includes bits, timers and other common instructions
  - Uploading, downloading, and going online, through one or more of the following methods:
    - Completion of the Studio 5000 Logix Designer Level 1: ControlLogix System Fundamentals course (Course No. CCP146)
    - Experience programming basic Logix5000 control systems or above
- Previous experience with FactoryTalk View ME software is strongly suggested