

Visualization

FactoryTalk View ME and PanelView™ Plus Programming Course Description

COURSE AGENDA

Day 1

- Configuring a PanelView Plus Terminal
- Creating and Customizing a FactoryTalk View ME Application
- Configuring RSLinx Enterprise Communications
- Configuring FactoryTalk Security
- Creating and Modifying Tags
- Adding and Configuring Graphic Displays

Day 2

- Creating and Manipulating Graphic Objects
- Creating and Configuring Interactive Controls
- Configuring Display Security
- Creating and Managing FactoryTalk View ME Runtime Files
- Configuring Basic Animation for FactoryTalk View ME Objects

Day 3

- Creating and Configuring Alarms
- Creating and Configuring Macros
- Configuring Recipes with the RecipePlus System
- Configuring Language Switching
- Creating Data Logs and Trends

Day 4

- Creating Tag Placeholders and Parameter Files
- Creating and Configuring Information Messages
- Adding Global Objects
- Inserting Faceplates



COURSE NUMBER: CCV204

Course Purpose

This course is a skill-building course that provides you with the skills necessary to develop FactoryTalk View Machine Edition (ME) applications that run on the next-generation PanelView Plus terminals.

During class, you will gain the following hands-on skills:

- Prepare a PanelView Plus terminal for operation
- Create a new application and run it on a terminal
- Create, configure, and animate graphic objects on graphic displays
- Configure security for granting/restricting access to certain graphic displays or for rights to perform certain actions
- Create and configure messages and alarms for alerting operators to changes in a process

Who Should Attend

Individuals who need to create FactoryTalk ME applications for use on a PanelView Plus terminal should attend this course.

Prerequisites

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

- Ability to perform basic Microsoft® Windows tasks
- Completion of the *RSLogix 5000 Level 1: ControlLogix System Fundamentals* course (Course No. CCP146) or basic experience with ControlLogix tags and architecture

Technology Requirements

All technology is provided for student use in the classroom by Rockwell Automation. It is not necessary for students to bring any technology with them when attending this course.

Student Materials

To enhance and facilitate your learning experience, the following materials are provided as part of the course package:

- *Student Manual*, which contains the key concepts, definitions, and examples presented in the course and includes the hands-on exercises.
- The *FactoryTalk View ME and PanelView Plus Procedures Guide*, which provides the steps required to complete the tasks in the exercises.
- *FactoryTalk View Machine Edition Tutorial CD-ROM*, which includes the videos for FactoryTalk View ME and the final lab with the solutions to all the exercises in the course.

Hands-On Practice

Throughout this course, you will have the opportunity to practice the skills you have learned through a variety of hands-on exercises:

- Exercises focus on the skills introduced in each lesson.
- Exercises are performed on PanelView Plus 1000 and ControlLogix workstations

Next Learning Level

The skills covered in this course can help you prepare for other visualization training courses. One such course is *FactoryTalk View SE Programming (CCV207)*, which focuses on creating distributed, plant-wide applications.

Course Length

This is a four-day course.

Course Number

The course number is CCV204.



IACET CEUs

CEUs Awarded: 2.8

To Register

To register for this or any other Rockwell Automation training course, contact your local authorized Allen-Bradley Distributor or your local Sales/Support office for a complete listing of courses, descriptions, prices, and schedules.

You can also access course information via the Web at <http://www.rockwellautomation.com/training>

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