

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 FactoryTalk View ME Graphic Displays

Day 2

- Creating and Manipulating Graphic Objects
- Creating and Configuring Interactive Controls
- Configuring Security for FactoryTalk View ME Displays
- 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 to a FactoryTalk View ME Application
- Inserting Faceplates in a FactoryTalk View ME Application



Course Number

CCV204

Course Purpose

After completing this course, given a computer with FactoryTalk® View Machine Edition (ME) software and a PanelView™ Plus terminal, you should be able to produce an operational application running on the terminal.

During class, you will practice 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

LISTEN.
THINK.
SOLVE.®

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:

- *Completion of the Studio 5000 Logix Designer Level 1: ControlLogix System Fundamentals* (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 students' learning experiences, the following materials are provided to each student as part of the course package:

- *Student Manual*
 - Includes the key concepts, definitions, examples, and activities presented in the course
- *Lab Book*
 - Provides learning activities and hands-on practice. Solutions are included after each exercise for immediate feedback.
- *The FactoryTalk View ME and PanelView Plus Procedures Guide*
 - Provides the steps required to complete the tasks in the exercises
- *FactoryTalk View Machine Edition Tutorial CD-ROM*
 - 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.

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* (Course No. CCV207), which focuses on creating distributed, plant-wide applications.

Course Length

This is a four-day course.

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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