FactoryTalk VantagePoint Configuration and Reporting Course Description

COURSE AGENDA

Day 1

- FactoryTalk VantagePoint Introduction and Configuration
- Extending the Logical Model and Creating and Publishing Trends
- Creating and Publishing VantagePoint Excel Reports
- Creating and Using Types and Type Reports in VantagePoint
- Adding Types and Mapping Rules to Import ControlLogix UDTs
- Using Type and Instance Packages

Day 2

- Creating and Publishing Trends Using Types Mapped to UDTs
- Creating and Publishing Excel Reports Using Types Mapped to UDTs
- Passing Parameters to Reports Using Hyperlinks
- Creating Composite Reports
- Creating Dashboard Reports
- Using VantagePoint Security

Day 3

- VantagePoint Portal Views and Type Rules
- Using Incuity Tags for Data Entry
- Using Calculated Tags
- Using XY Plotter
- Creating a SQL Connector
- Creating a Query Item
- Creating a Tag Provider
- Creating a Mapped Type
- Creating a Security Role
- Modifying the Portal Theme

COURSE NUMBER: FTVP

Course Purpose

In this course, you will learn various tools to analyze and display data using FactoryTalk VantagePoint and/or FactoryTalk VantagePoint EMI.

The course covers how to use the analysis and reporting tools to create trends, XY Plots, Excel reports, and dashboards.

You will have an opportunity to use the Portal and configure it to display content in various ways.

The course also focuses on extending the model in the product and configuring security.

Upon completion of the course, you will be able to utilize many tools and techniques for the display, analysis and reporting of data using FactoryTalk VantagePoint and/or VantagePoint EMI.

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Who Should Attend

Developers or engineers who will work with FactoryTalk VantagePoint and/or VantagePoint EMI applications and need to view, analyze, and create reports should attend this course.

Prerequisites

To successfully complete this course, experience with the following is strongly recommended:

- Microsoft SQL Server 2005 and SQL Language

- Microsoft Office Excel 2007

- ControlLogix and FactoryTalk products and terminology

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.

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 with FactoryTalk VantagePoint and/or VantagePoint EMI software. These exercises focus on the skills introduced in each lesson.

Course Length

This is a three-day course.

Course Number

The course number is FTVP.

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