

Software

FactoryTalk Historian Site Edition and FactoryTalk VantagePoint Fundamentals

COURSE AGENDA

- Introduction to FactoryTalk Historian SE
- Understanding Historian Tags and Using Excel Tag Configurator
- Understanding & Using Exception and Compression
- FactoryTalk Historian Tag Types
- Using Performance Equations and Totalisers
- Working with Digital States
- Using Archive Management Tools
- Scheduling Backups of Historian Data
- Introduction to FactoryTalk VantagePoint
- Configuring Simple FT Data Sources
- Creating & Publishing Trends
- Creating & Publishing VantagePoint Excel Reports
- Using Incuity Tags for Data Entry
- Using Calculated Tags
- Creating and Using Types and Type Reports
- Importing ControlLogix Structures
- Passing Parameters to Reports Using Hyperlinks
- Creating Composite Reports
- Creating Dashboard Reports
- Using Status Indicators
- Using VantagePoint Security



COURSE NUMBER: AU-FTHVP

Course Purpose

Upon completion of the course, you will have gained exposure to both the FactoryTalk Historian SE and the FactoryTalk VantagePoint Systems. You will be able to configure FactoryTalk Historian SE to collect and store plant data and will have learned techniques for the analysis and reporting of that data using FactoryTalk VantagePoint.

Specifically, this course will provide you with an overview of the various FactoryTalk Historian tools for collecting data, including how to use Microsoft Excel to create and modify FactoryTalk Historian tags, and how to apply exception and compression to filter the data to be archived. You will also be given an opportunity to compare the use of Polled versus Advised data collection modes. A brief overview of Archive management and scheduled backups will be covered.

FactoryTalk VantagePoint EMI contains tools to analyse data and communicate information using a variety of report types. The course covers how to use these analysis and reporting tools to create Trends, Excel Reports, and Dashboards. You will have an opportunity to use the Portal and configure it to display content in various ways.



Who Should Attend

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

Prerequisites

To successfully complete this course, familiarity with the following is helpful, but not required:

- Working familiarity with the Microsoft Windows® environment
- Microsoft SQL Server 2008
- Microsoft Office Excel 2010
- 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. These Student Manuals contain the key concepts, definitions, and examples presented in the course and includes the hands-on exercises.

- *FactoryTalk VantagePoint Student Manual*
- *FactoryTalk Historian SE Student Manual*

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. These exercises focus on the skills introduced in each lesson.

You will also have the opportunity to combine and practice groups of key skills by completing integrated practice exercises during the course.

Course Length

This is a 4 day course.

Course Number

The course number is AU-FTHVP.

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:

Australia - http://www.rockwellautomation.com/en_AU

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