

FactoryTalk[®] Historian Site Edition Software

FactoryTalk[®] Historian Site Edition Data Analyzing and Reporting Course Description

COURSE AGENDA

- Using View SE Updated Trend Object to Display Historian Data
- Creating and Editing ProcessBook Trends
- Using Dynamic Elements in ProcessBook
- Inserting ProcessBook Displays in View SE Via ActiveView
- Using ProcessBook Data Sets
- Using ProcessBook Relative Displays
- Configuring and Using ProcessBook SQC
- Using DataLink Sampled vs. Compressed Data
- Using DataLink Archived Data and Digital Tags
- Inserting DataLink Trend Objects
- Using DataLink Filtered Compressed Function
- Using DataLink Calculated Data Function
- Using DataLink Advanced Calculated Data
- Using DataLink Time Filtered Function
- Configuring and Using Totalizer Reporting Modes
- Viewing Data From an SQL Server Database Using ProcessBook
- Using Reporting Services



COURSE NUMBER: RS-FTHSEDA

Course Purpose

In this course, you will learn various tools to analyze and display data collected by FactoryTalk Historian. The course covers how to use the updated trend object in FactoryTalk View SE applications. You will have an opportunity to use FactoryTalk Historian DataLink that accesses data from FactoryTalk Historian and reports it in Microsoft Excel. It also focuses on the use of FactoryTalk Historian ProcessBook to create applications for displaying real-time and historical data.

Upon completion of the course, you will be able to utilize many tools and techniques for the display, analysis and reporting of FactoryTalk Historian data.

Who Should Attend

Field Engineers, MPS, Pre-sales Consultants, and Support individuals who will work with existing FactoryTalk Historian Site Edition applications and need to view, analyze and create reports based on the data collected should attend this course.

Prerequisites

To successfully complete this course, the following prerequisite is required:

- Working familiarity with the Microsoft Windows environment
- Completion of the *RSLogix 5000 Level 1: ControlLogix System Fundamentals* (CCP146) course or knowledge of common ControlLogix terminology and the ability to program and interpret basic ladder logic instructions in RSLogix 5000 software

If you are interested in taking this course and the FactoryTalk Historian Site Edition Configuration and Data Collection course, it is recommended that you take the FactoryTalk Historian Site Edition Configuration and Data Collection course first.

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

Course Length

This is a 3.5-day course.

Course Number

The course number is RS-FTHSEDA

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>

www.rockwellautomation.com

Power, Control and Information Solutions

Americas: Rockwell Automation, 1201 South Second Street, Milwaukee, WI 53204-2496 USA, Tel: (1) 414.382.2000, Fax: (1) 414.382.4444

Europe/Middle East/Africa: Rockwell Automation SA/NV, Vorstlaan/Boulevard du Souverain 36, 1170 Brussels, Belgium, Tel: (32) 2 663 0600, Fax: (32) 2 663 0640

Asia Pacific: Rockwell Automation, Level 14, Core F, Cyberport 3, 100 Cyberport Road, Hong Kong, Tel: (852) 2887 4788, Fax: (852) 2508 1846