

FactoryTalk Historian Site Edition Configuration and Data Collection Course Description

Course Agenda

- FactoryTalk Historian (SE and ME)
- Understanding Tags and Using Excel Tag Configurator
- Using FactoryTalk Vantage Point
- Understanding and Using Exception and Compression
- FactoryTalk Historian Tag Types
- Using Performance Equations and Totalizers
- Working with Digital States
- Using Asset Framework and Event Frames
- Using Health Points and Performance Monitor Tags
- Using and Displaying Audit Information
- Using Archive Management Tools
- Scheduling Backups of FactoryTalk Historian Data
- Using FactoryTalk View SE Trend to Display FactoryTalk Historian Data
- Backfilling Data into a FactoryTalk Historian Server
- FactoryTalk Historian SE High Availability



Course Number

RS-FTHSEC

Course Purpose

This course will provide you with an overview of the various FactoryTalk® Historian tools for collecting data. You will learn how to configure a FactoryTalk Historian Site Edition system.

The course also covers how to use Microsoft Excel to create and modify FactoryTalk Historian tags. During the course, you will learn how to apply exception and compression to filter data to be archived. Also, you will be given an opportunity to compare the use of Polled versus Advised data collection modes. Data buffering, layers/methods of redundancy, archive management and backup will also be covered.

Upon completion of the course, you will have gained exposure to the many aspects of the FactoryTalk Historian system and be able to configure FactoryTalk Historian to collect data.

Who Should Attend

Field Engineers, MPS, Pre-sales Consultants, and Support individuals who need to configure FactoryTalk Historian Site Edition for data collection should attend this course.

Prerequisites

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

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

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 the students' learning experience, the following materials are provided as part of the course package:

- Student Manual:
 - Includes the key concepts, definitions, examples, and activities presented in this course
 - Provides learning activities activities and hands-on practice

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 using FactoryTalk Historian. Exercises focus on the skills introduced in each lesson.

Next Learning Level

Once you have an understanding of the topics and skills covered in this course, you may want to attend additional training such as:

- *FactoryTalk VantagePoint Configuration and Reporting* (Course Number FTVP)

Course Length

This is a three-and-a-half-day course.

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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