

FactoryTalk® Historian Site Edition Software

FactoryTalk® Historian Site Edition Configuration and Data Collection Course Description

COURSE AGENDA

- Installing FactoryTalk Historian
- Using Discover Historian Points
- Understanding Historian Tags and Using Excel Tag Configurator
- Using Data Collection Modes of Polled vs. Advised
- Buffering Disturbed FTLD Interface Data
- Understanding and Using Exception and Compression
- Configuring Event Trigger Reads
- Configuring Basic Output Points
- Using Data Collection With Handshaking
- Understanding and Using Basic Alarms
- Configuring Event Framing-BaGen
- Using BatchView
- Working with Digital States
- Configuring Performance Equations
- Configuring Totalizers
- Using FTLD Health Points
- Using and Displaying Audit Information
- Using Archive Management Tools
- Scheduling Backups of Historian Data
- Configuring Interface Redundancy
- Configuring Collectives



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 install and 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 install and configure FactoryTalk Historian to collect data.

Who Should Attend

Field Engineers, MPS, Pre-sales Consultants, and Support individuals who need to install and configure FactoryTalk Historian Site Edition for data collection 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 Data Analyzing and Reporting 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 4-day course.

Course Number

The course number is RS-FTHSEC

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