

FactoryTalk Historian Machine Edition

FactoryTalk Historian Machine Edition Configuration and Data Collection Course Description

COURSE AGENDA

Day 1

- FactoryTalk Historian Machine Edition Introduction and Overview
- Installing and Configuring a FactoryTalk Historian Machine Edition Module
- Adding Tags and Viewing Current and Archived Data from the Web Interface
- Using FactoryTalk Rule Editor to Discover Tags
- Filtering Data to be Archived Using Exception and Compression
- Selecting Data Collection Scan Types and Rates
- Integrating FactoryTalk Historian Machine Edition into FactoryTalk Directory
- Managing FactoryTalk Historian Machine Edition Security

Day 2

- Uploading Historian Machine Edition Archived Data to a Site Edition Server
- Backing Up and Restoring a FactoryTalk Machine Edition Module's Configuration
- Using RSLogix 5000 Add-On Profile (AOP)
- Trending Machine Edition Data in a FactoryTalk View Display
- Using DataLink to Display Machine Edition Data in a Microsoft Excel Spreadsheet
- Using VantagePoint to Create and Display Trends and Microsoft Excel Reports with Machine Edition Data



COURSE NUMBER: RS-FTHMEC

Course Purpose

This course provides you with the skills to collect and view real-time process and production information using FactoryTalk Historian tools. You will first learn how to install and configure a FactoryTalk Historian Machine Edition module. Then you will be introduced to various high-speed data collection tools to monitor and analyze operation and product quality.

From within the FactoryTalk Historian Machine Edition module, you will use the Discovery Rule Editor to identify tags for data collection. You will practice applying exception and compression methods to filter data for archiving purposes.

You will be given an opportunity to configure a Historian Site Edition Server to upload data from Machine Edition. Also, you will gain experience using the RSLogix 5000 Add-On Profile to interact with the FactoryTalk Historian Machine Edition module via a ControlLogix program. Backing up and restoring a FactoryTalk Machine Edition module's configuration will also be covered.

Who Should Attend

Individuals who need to install and configure FactoryTalk Historian Machine Edition for data collection should attend this course.

Prerequisites

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

- Experience operating a personal computer within a Microsoft® Windows® environment
- Completion of the *RSLogix Level 1: ControlLogix System Fundamentals* (Course No. CCP146) course or knowledge of common ControlLogix terminology and the ability to program and interpret basic ladder logic instructions in RSLogix 5000 software
- Experience working in a FactoryTalk environment

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

Course Length

This is a 2-day course.

Course Number

The course number is RS-FTHMEC.

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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