

Software

FactoryTalk AssetCentre System Design and Implementation



Course Number

FTAC

Course Purpose

This course provides you with the skills required to use FactoryTalk® AssetCentre software to maximize your control system investment and manage assets effectively. Throughout the course, you will learn how to design a FactoryTalk AssetCentre system, install and configure the software, secure access to the control system, track users' actions, manage asset configuration files, provide backup and recovery of operating asset configurations, and troubleshoot your system using FactoryTalk AssetCentre software.

Your instructor will demonstrate how to perform all of the tasks covered in this course. You will then be given an opportunity to practice these tasks using a procedures guide and VMware images designed to simulate a real production facility.

After completing this course, you should be able to design and implement a FactoryTalk AssetCentre system, including:

- Developing a full, detailed FactoryTalk AssetCentre system specification
- Configuring source and version control for specified files and assets
- Configuring Disaster Recovery for all desired files and assets

COURSE AGENDA

DAY 1

- Getting Started with a FactoryTalk AssetCentre System
- Establishing a FactoryTalk AssetCentre System Architecture
- Installing the Required Software for a FactoryTalk AssetCentre System
- Configuring and Organizing the Asset Tree in FactoryTalk AssetCentre Software

DAY 2

- Archiving Files in FactoryTalk AssetCentre Software
- Managing Archive Files in FactoryTalk AssetCentre Software
- Configuring Disaster Recovery and an Asset Inventory in FactoryTalk AssetCentre Software
- Backing Up and Restoring Critical Software Configurations for a FactoryTalk AssetCentre System

DAY 3

- Finding a System Event Using FactoryTalk AssetCentre Logs
- Planning Security for a FactoryTalk System
- Configuring Application-Layer Security in the FactoryTalk Directory
- Configuring Security within FactoryTalk AssetCentre Software
- Viewing System Information from the FactoryTalk AssetCentre Web Client
- Troubleshooting a System Using FactoryTalk AssetCentre Software

WHO SHOULD ATTEND

Individuals who need to securely and centrally manage automation production environments using FactoryTalk AssetCentre software should attend this course.

PREREQUISITES

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

- Ability to perform basic Microsoft Windows tasks
- Knowledge of your production environment
- General understanding of industrial networks

STUDENT MATERIALS

To enhance and facilitate the students' learning experiences, the following materials are provided as part of the course package:

- Student Manual:
 - Includes the key concepts, definitions, examples, and activities
- Lab Book:
 - Provides learning activities and hands-on practice
- FactoryTalk AssetCentre Procedures Guide
 - Provides step-by-step instructions for tasks that are common to all FactoryTalk AssetCentre systems

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.

To complete the exercises, you will use VMware images designed to simulate a production facility. You will practice designing the system, configuring the software, and troubleshooting common production issues.

Because the basic skills taught in the course apply to all software platforms, you can then apply what you have learned to the specific platform that you use in your plant.

NEXT LEARNING LEVEL

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

- FactoryTalk Historian Site Edition Configuration and Data Collection (RS-FTHSE)

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>

To be respectful of the environment, Rockwell Automation is transitioning some of its training courses to a paperless format. Students are asked to complete downloads and bring personal devices to these classes. A full list of digital/paperless courses is currently available through your local distributor.

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Publication GMST10-PP665E-EN-E - January 2020 | Supersedes Publication GMST10-PP665D-EN-E - March 2018

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