

AUTOMATION ACADEMY

A u t o m a t i o n S y s t e m s T r a i n i n g S p e c i a l i s t s

Course Title: AB FactoryTalk SCADA Training Course

This RSView/FactoryTalk SCADA training course has been designed to give Engineers an insight into the configuration and operation of the Windows PC based FactoryTalk SCADA software. The course will guide students through the basic design and configuration of the FactoryTalk SCADA systems through to the operation and communications to the Allen Bradley PLC systems.

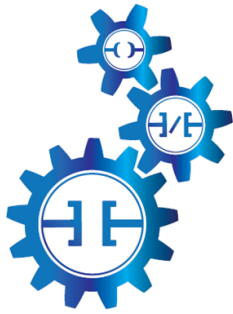
Where possible, application specific exercises, actual drawings and plant programs will be used to allow the students to gain the greatest possible benefit from the course.

Course Objectives:

- ☒ To introduce students to the concepts and operation of RSView/FactoryTalk development and runtime software.
- ☒ To be able to understand the structure of the FactoryTalk SCADA project within the FactoryTalk software.
- ☒ To be able to use the FactoryTalk SCADA programming software to create and develop a project and to be able to modify existing FactoryTalk SCADA projects.
- ☒ To be able to restore a FactoryTalk SCADA project backup into the SCADA PC.

Course Content:

Understanding the FactoryTalk SCADA system, clients and servers.
First steps using FactoryTalk SCADA development software.
Creating an FactoryTalk training project to demonstrate application examples.
Basic FactoryTalk SCADA drawing skills.
Obtaining runtime in the FactoryTalk SCADA system.
Tags and their creation.
Configuring the PLC connection to the FactoryTalk SCADA system.
Creating PLC based tags.
Developing plant mimics.
FactoryTalk SCADA system configuration and screen development for project navigation.
Creating alarms and alarm displays.
Real time trending configuration and screen development.
Historical trending configuration and screen development.
Text list configuration and screen development.
FactoryTalk SCADA security and allowing access to specific pictures.
Application exercises and examples from your plant FactoryTalk SCADA system.



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Course Duration: 4 Days

Documentation: FactoryTalk SCADA Training Manual.

Equipment per student: FactoryTalk SCADA PC

Plant related PLC controller

Plant simulator

Web link: [AB FactoryTalk SCADA Training Course](#)