

FactoryTalk® Software

FactoryTalk® Batch Server and Configuration Tools Course Description (formerly RSBizWare™ Batch)

COURSE AGENDA

- Batch Processing & S88 Standard
- Batch Software, System Architecture & Administration
- Sequential Function Charts
- FactoryTalk Batch View
- Equipment Editor
- Recipe Editor – Link Groups, Phase Formula Values, Parameters
- Recipe Editor – Logic, Null Steps, Class-Based Recipes
- Recipe Editor – Smart Binding
- Report Editor
- Batch Archiver
- FactoryTalk Batch Enhanced Archiving and Reporting
- Batch Server API
- Batch Security
- Electronic Signatures



COURSE NUMBER: RS-BATRG

Course Purpose

This course is designed to provide you with a complete overview of the FactoryTalk Batch system, including an introduction to Batch Processing and to the ISA S88.01 Standard. FactoryTalk Batch system architecture, system operation and system configuration are covered in detail.

You will create Class- and Unit-based recipes using the Recipe Editor within FactoryTalk Batch View software. You will also have an opportunity to monitor batches using the Phase Control and Batch Journal Views as well as schedule and command batches. The course also covers the smart binding feature that builds equipment binding requirements and preferences into recipes.

You will learn how to format and configure batch reports using the Report Editor. You will gain experience creating, configuring and testing a report formatting file (.fmt) and implement Report Server reporting for creating a report text file (.txt). The course also covers configuring and testing the Batch Archiver.

During the class, you will test communications between the batch server and a Visual Basic ActiveX container using three ActiveX controls. Also, you will learn how to perform administration tasks including configuring the FactoryTalk Batch Server, configuring and implementing Batch View security and enabling a remote Batch View machine.

Who Should Attend

This course is intended for supervisors, operators, formulators and engineers who will be involved with the installation, setup and operation of RSBatch control systems.

Prerequisites

None, however a familiarity with Microsoft® Windows 2003 and the S88 Batch Standard would be helpful.

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 topical outlines and exercises. You will use this manual to follow presentations, take notes, and work through the exercises.
- *Product Documentation*: Electronic copies of the FactoryTalk Batch user and technical reference materials.

Hands-On Practice

Hands-on practice is a necessary part of learning and this course offers hands-on opportunities for you to gain a better understanding of the interaction and communication that occurs between the Batch Server, PLI and Phase Logic.

Next Learning Level

Once you have mastered the skills covered in this course, you will have the knowledge and skills necessary to attend the next level of Networks training. In particular, this course will benefit you if you enroll in the following course:

- *FactoryTalk Batch Phase Design* (RS-ABATRG)

Course Length

This is a five-day course.

Course Number

The course number is RS-BATRG

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