

FactoryTalk® Software

FactoryTalk® Batch Phase Design Course Description (formerly RSBizWare™ Batch)

COURSE AGENDA

Day 1

- Create Equipment Phases and State Routine Logic Using Phase Manager
- Control Phases from RSLogix 5000 Software
- Synchronize FactoryTalk Batch View with RSLogix 5000 Software
- Create an Area Model in FactoryTalk Batch Equipment Editor
- Create Recipes with FactoryTalk Batch Recipe Editor
- Control Phases and Run Batches from FactoryTalk Batch View

Day 2

- Create a PC-Based Phase Using Visual Basic
- Create the Data-Server and Equipment Module in the FactoryTalk Batch Equipment Editor
- Start and Test the PC-Based Phase
- Create a Material-Enabled Phase Using FactoryTalk Batch Material Manager
- Create a Materials Database Using the FactoryTalk Batch Material Editor
- Create a Master Recipe that Incorporates the Material-Enabled Phase

Day 3

- Create Manual Equipment Modules in an Area Model Using FactoryTalk eProcedure
- Use the FactoryTalk eProcedure Client Interface
- Create an Instruction File Using Control Steps



COURSE NUMBER: RS-ABATRG

Course Purpose

This course is designed to expose you to creating automated, PC-based, manual, and material-based phases. First, you will create an equipment phase using Phase Manager. Then, you will use FactoryTalk Batch View software to control the phase and run a recipe batch.

Next, you will create a PC-based phase and implement it using Visual Basic. You will use the FactoryTalk Batch Equipment Editor to define a new data server definition for the phase. Then, you will create a material-based phase using FactoryTalk Batch Material Manager. You will also gain experience creating a materials database using the FactoryTalk Batch Material Editor.

Finally, you will create a manual phase in an Area Model using FactoryTalk eProcedure. You will learn how to use the eProcedure client using Internet Explorer. You will have an opportunity to create an instruction file that contains the control steps required to manually execute the phase within FactoryTalk Batch.

Who Should Attend

This course is intended for users that intend to implement a FactoryTalk Batch control system that utilizes manual, automated, pc-bases, or material phases.

Prerequisites

To successfully complete this course, you must be able to perform basic Microsoft® Windows tasks such as using a mouse, opening and saving files, and moving windows. You should also have successfully completed the following course (or demonstrate equivalent experience):

- FactoryTalk® Batch Server and Configuration Tools (RS-BATRG)

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.

Course Length

This is a three-day course.

Course Number

The course number is RS-ABATRG.

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