

# FactoryTalk® VantagePoint Software

## IncuityEMI Configuration and Reporting Course Description

### COURSE AGENDA

#### *Section 1*

- Installing IncuityEMI
- Basics of Incuity Manager
- Using Trend and XY Plotter
- Creating a basic and template Excel report
- Creating a basic and template dashboard
- Creating links in an Excel report and a dashboard
- Using SQL queries in an Excel report and a dashboard
- Viewing reports in IncuityEMI Portal
- Connecting to an OPC data source
- Configuring the Incuity Storage Plug-In
- Using an Incuity Tag For Data Entry
- Extending the Model with new Instances and Types
- Connecting to a Database source
- Creating a Database Query Item
- Creating a Database Tag Provider
- Creating a Database Mapped Type
- Scheduling Excel reports
- Web scraping
- Configuring User Security
- Exporting / Importing Sections of the Model
- Backing-up an IncuityEMI System and Troubleshooting
- Configuring the Incuity Portal
- Changing the Incuity Portal theme



### COURSE NUMBER: RS-INCEMI

#### *Course Purpose*

In this course, you will learn various tools to analyze and display the data in IncuityEMI. The course covers how to use the analysis and reporting tools to create Trends, XY Plots, Excel Reports, and Dashboards. You will have an opportunity to use the Portal and configure it to display content in various ways. The course also focuses on extending the model in the product and configuring security.

Upon completion of the course, you will be able to utilize many tools and techniques for the display, analysis and reporting of IncuityEMI data.

### ***Who Should Attend***

Developers or engineers who will work with IncuityEMI applications and need to view, analyze and create reports based on the data in IncuityEMI should attend this course.

### ***Prerequisites***

To successfully complete this course, experience with the following is required:

- Microsoft SQL Server 2005 and T-SQL
- Microsoft Office Excel 2003 Professional
- Windows Server 2003
- Web Development

The following is also helpful:

- Business Intelligence and how it applies to your market
- Familiarity with Microsoft Excel

### ***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 with IncuityEMI. These exercises focus on the skills introduced in each lesson.

You will also have the opportunity to combine and practice groups of key skills by completing an integrated practice exercise during the course.

### ***Course Length***

This is a four-day course.

### ***Course Number***

The course number is RS-INCEMI

### ***IACET CEUs***

CEUs Awarded: 2.8



### ***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.

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