

INTOUCH OMI FOR SYSTEM PLATFORM 2017



COURSE DESCRIPTION

The InTouch Operations Management Interface (OMI) for System Platform 2017 course is a 4-day, instructor-led class designed to provide an overview of the features and functionalities released with InTouch OMI for System Platform. It covers the components and capabilities of the software, as well as topics to help you build and deploy an InTouch OMI for System Platform visualization application. It also introduces tools for creating graphics, visualizing alarms and events, visualizing trends, and implementing security in an InTouch OMI System Platform application. Hands-on labs are provided to reinforce the knowledge necessary to use the software.

OBJECTIVES

Upon completion of this course, you will be able to:

- Describe InTouch OMI for System Platform visualization components
- Create display layouts for visualization applications
- Create and run visualization applications
- Describe situational awareness concepts
- Create and use graphics
- Implement navigation for visualization applications
- Implement alarm visualization
- Implement trend visualization
- Implement historical playback visualization

AUDIENCE

Individuals who need to configure and modify Operations Management Interface (OMI) for System Platform applications.

PREREQUISITES

- Industrial automation software concepts
- Application Server features and concepts
 - ArchestrA IDE
 - Automation objects
 - Alarms of attributes
 - Historization of attributes
 - Security
 - Deployment and Plant models
 - QuickScript .NET scripting language

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COURSE OUTLINE **INTOUCH OMI FOR SYSTEM PLATFORM 2017**

MODULE 1 - INTRODUCTION

- Section 1 – Course Introduction
- Section 2 – System Platform Overview
- Section 3 – ArchestrA Visualization
- Section 4 – System Requirements and Licensing

MODULE 2 - GETTING STARTED

- Section 1 – Introduction
- Section 2 – Introduction to ArchestrA Symbols
- Section 3 – Screen Profiles
- Section 4 – Layouts and Panes
- Section 5 – ViewApps

MODULE 3 - ARCHESTRA SYMBOLS

- Section 1 – Symbol Editor
- Section 2 – ArchestrA Symbols with Objects
- Section 3 – Tools and Animations
- Section 4 – Custom Properties

MODULE 4 - APPLICATION CUSTOMIZATIONS

- Section 1 – Content Types
- Section 2 – Custom Navigation
- Section 3 – Content Presenter App
- Section 4 – Layout and Pane Customizations
- Section 5 – Galaxy Styles

MODULE 5 - SECURITY

- Section 1 – Security Overview
- Section 2 – ViewApp Security
- Section 3 – Signed Writes

MODULE 6 - ALARMS AND EVENTS VIZUALIZATION

- Section 1 – ArchestrA Alarming Overview
- Section 2 – Live Alarm Visualization
- Section 3 – Logged Alarms and Events Visualization

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MODULE 7 - TRENDS AND HISTORICAL PLAYBACK

- Section 1 – ArcestrA Historization Overview
- Section 2 – Real-Time Trending
- Section 3 – Historical Trending
- Section 4 – Historical Playback

MODULE 8 - SCRIPTING IN ARCHESTRA GRAPHICS

- Section 1 – Introduction
- Section 2 – Show Graphics