



**Schneider**  
 **Electric**™

## Advanced Topics on Operations and Performance 3.5

This Online Seminar is designed to provide you with an introduction to advanced topics on developing applications using Operations and Performance 3.5. In this training you will learn to use Supply Chain Connector, create custom scripts using the Client API, and customize logic with Operations and Performance Client Controls. Approximate duration: 4 hours This seminar is applicable to MES/Operations and Performance 2012.

[More Information](#)

## Alarm Adviser

The Alarm Adviser training is composed of four sequential videos from 5 to 20 minutes each. Topics include: overview of Wonderware Alarm Adviser capabilities, installation and configuration of the software, and in-depth training on configuration, dashboards, and alarm analysis. Several demos and examples are provided.

[More Information](#)

## Alarm Adviser 2014 R2 SP1

The Alarm Adviser 2014 R2 SP1 training is a 40-minute web-based training that provides an overview of Alarm Adviser 2014 R2 SP1. Installation, configuration, dashboards, and analytics are discussed.

[More Information](#)

## Alarm Adviser 2017

Alarm Adviser 2017 is a 75-minute eLearning course that discusses the software installation, the configuration of collectors, licensing, dashboards, and analytics.

[More Information](#)

## Alarm Logging

Alarm Logging is a 40-minute eLearning course that explains how alarms and events from Application Server are logged with Historian Server, compares logging alarms and events to the A2ALMDB SQL Server database versus Historian Server proprietary history blocks, demonstrates how to display historical alarms and events using the Alarm Client Control, and explains how to migrate alarm and event data from the A2ALMDB database to history blocks. It also includes video demonstrations to reinforce some key concepts, such as displaying historical alarms and events in the Alarm Client Control and migrating alarm and event data from the A2ALMDB database to history blocks.

[More Information](#)

## Alarm Logging 2014 R2 SP1

Alarm Logging 2014 R2 SP1 is a 40-minute eLearning course that explains how alarms and events from Application Server are logged with Historian Server, compares logging alarms and events to the A2ALMDB SQL Server database versus Historian Server proprietary history blocks, demonstrates how to display historical alarms and events using the Alarm Client Control, and explains how to migrate alarm and event data from the A2ALMDB database to history blocks. It also includes video demonstrations to reinforce some key concepts, such as displaying historical alarms and events in the Alarm Client Control and migrating alarm and event data from the A2ALMDB database to history blocks.

[More Information](#)

## Alarm Modes

Alarm Modes is a 64-minute eLearning course that describes the concepts of alarm modes, alarm inhibit, and alarm plant states, and explains how to apply these features in Application Server. This course also describes how to configure alarm plant states in the ArcestrA IDE and shows how to use them at runtime. It also includes video demonstrations to reinforce some key concepts, such as changing alarm modes and inhibiting alarms at runtime, and managing alarms through alarm plant states.

[More Information](#)

## Alarm Severities

Alarm Severities is a 65-minute eLearning course that explains how to use ArcestrA alarm aggregation features to obtain alarm severity information at runtime. It focusses on how to configure alarm severities and alarm aggregation, visualize alarm severities with alarm border animation, and use situational awareness symbols to visualize alarm information. It also includes video demonstrations to reinforce some key concepts, such as mapping alarm severities to alarm priorities, monitoring alarm severities at runtime, and displaying alarm severity status through situational awareness symbols.

[More Information](#)

## Alarm Shelving

Alarm Shelving is a 75-minute eLearning course that explains how to use the alarm shelving feature of System Platform, and shows how to apply it to enhance alarm management efficiency. This course explains configurations for enabling alarm shelving, demonstrates using the ArcestrA Alarm Control to shelve and unshelve alarms at runtime, describes alarm shelving-related attributes, and demonstrates displaying alarm shelving information in alarm borders. It also includes video demonstrations to reinforce some key concepts, such as configuring alarm shelving, shelving alarms from the ArcestrA Alarm Control, using alarm shelving attributes, and displaying alarm borders for the most urgent shelved alarms.

[More Information](#)

## Alarms Overview

Alarms Overview is an 83-minute eLearning course that introduces basic concepts about alarms and events, and explains how they are handled in Application Server. It shows how to enable and configure alarm and event features in automation objects, and describes alarm runtime behaviors. This course also explains how to use the Alarm Client Control to display live alarms and events, as well as query and manage alarm and event records at runtime. It also includes video demonstrations to reinforce some key concepts, such as configuring alarms in Application Server and displaying live alarms and events at runtime with the Alarm Client Control.

[More Information](#)

## Application Models

Application Models is a 45 minute eLearning course that explains the Plant Model and the Deployment Model. Video lectures and demonstrations are provided to enhance your knowledge of the subject. This includes the Plant or Area model, introduces the Area Object, describes the Deployment Model and introduces both the WinPlatform and AppEngine Objects. These are important components of the Application Server 2014 R2, and form the beginnings of the ArcestrA tools and services.

[More Information](#)

## Application Objects Containment

Application Objects Containment is a 35 minute eLearning course that explains what containment is, how containment works, how containment relationships between Application Objects are used to define groups of objects, and how those groups can be used for scripting in the ArcestrA IDE. Additional considerations when using containment are also discussed.

[More Information](#)

## Application Redundancy

Application Redundancy is a 45-minute eLearning course that explains basic terms and concepts about setting up and configuring application redundancy in Application Server. The course introduces supported redundancy solutions, demonstrates how to configure application redundancy, and shows runtime behaviors when failover occurs. This course is presented in the form of recorded lectures and demonstrations.

[More Information](#)

## Application Server 2012 R2 Recorded Instructor-Led Training

The Application Server 2012 R2 Recorded Instructor-Led Training (RILT) course is designed to provide a fundamental understanding of the features and functionality of Wonderware Application Server. This course consists of recorded presentations and lab demonstrations of the training material presented in the live class to reinforce the knowledge necessary to use the ArcestrA tools and services in the System Platform for plant modeling. The class demonstrates how to use Wonderware Application Server to utilize the ArcestrA technology to connect to field devices, process data, run scripts, handle alarms, and historize alarms and events. This is achieved using features and functionality such as Automation Objects, templates, instances, the ArcestrA Integrated Development Environment (IDE), and the QuickScript .NET scripting engine.

[Total viewing time: 13 hours, 20 minutes]

[More Information](#)

## Application Server 2014 R2 SP1

The Application Server 2014 R2 SP1 course is a 4-day, instructor-led class designed to provide a fundamental understanding of the features and functionality of Wonderware Application Server. This course provides lectures and hands-on labs to supply and reinforce the knowledge necessary to use the ArcestrA tools and services in the System Platform for plant modeling. The class will demonstrate how to use Wonderware Application Server to utilize the ArcestrA technology to connect to field devices, process data, run scripts, handle alarms, and historize alarms and events. This is achieved using features and functionality such as Automation Objects, templates, instances, the ArcestrA Integrated Development Environment (IDE), and the QuickScript .NET scripting engine. This course also provides a fundamental understanding of Galaxy maintenance, real-time alarm recording and security settings, and how to setup redundancy.

[More Information](#)

## Application Server 2014 R2 SP1 Virtual Instructor-Led Training

The Application Server 2014 R2 SP1 Virtual Instructor-Led Training course is a 4-day, instructor-led class designed to provide a fundamental understanding of the features and functionality of Wonderware Application Server. This course provides lectures and hands-on labs to supply and reinforce the knowledge necessary to use the ArcestrA tools and services in the System Platform for plant modeling. The class will demonstrate how to use Wonderware Application Server to utilize the ArcestrA technology to connect to field devices, process data, run scripts, handle alarms, and historize alarms and events. This is achieved using features and functionality such as Automation Objects, templates, instances, the ArcestrA Integrated Development Environment (IDE), and the QuickScript .NET scripting engine. This course also provides a fundamental understanding of Galaxy maintenance, real-time alarm recording and security settings, and how to setup redundancy.

[More Information](#)

## Application Server 2014 R2 eLearning Curriculum

The Application Server 2014 R2 eLearning curriculum is a collection of eLearning courses designed to provide a fundamental understanding of the features and functionality of Wonderware Application Server. The curriculum provides the knowledge necessary, to use the ArcestrA tools and services, such as Automation Objects, templates, instances, the ArcestrA Integrated Development Environment (IDE), and the QuickScript .NET scripting engine for modeling of plants/sites and manufacturing processes. The curriculum will demonstrate how to use Wonderware Application Server to utilize the ArcestrA technology to connect to field devices, process data, run scripts, handle alarms, and historize alarms and events. It also provides a fundamental understanding of Galaxy maintenance, real-time alarm recording, security settings, and how to setup redundancy. As you progress through the curriculum, you are guided through setup, layout, and best practices. Video demonstrations reinforce concepts and features. Duration: 21 hours of instruction

[More Information](#)

## Application Server 2014 Web-Based Training

The Application Server 2014 Web-Based Training (WBT) course is a recorded instructor-led designed to provide a fundamental understanding of the features and functionality of Wonderware Application Server. This course provides lectures and hands-on labs to supply and reinforce the knowledge necessary to use the ArcestrA tools and services in the System Platform for plant modeling. The class will demonstrate how to use Wonderware Application Server to utilize the ArcestrA technology to connect to field devices, process data, run scripts, handle alarms, and historize alarms and events. This is achieved using features and functionality such as Automation Objects, templates, instances, the ArcestrA Integrated Development Environment (IDE), and the QuickScript .NET scripting engine. This course also provides a fundamental understanding of Galaxy maintenance, real-time alarm recording and security settings and how to setup redundancy.

[More Information](#)

## Application Server 2017 BETA

The Application Server 2017 BETA course is a 4-day, instructor-led class designed to provide an overview of the features and functionality of Application Server. This course provides lectures and hands-on labs to supply and reinforce the knowledge necessary to use these features and functions for plant modeling. The class demonstrates how to use Application Server technology to connect to field devices, process data, run scripts, handle alarms, and historize alarms and events. This course also provides a fundamental understanding of application maintenance, real-time alarm recording, and security settings, and describes how to set up redundancy for data acquisition. The new training materials and lab instructions for the Application Server 2017 software will be validated during this BETA course. Your input is greatly appreciated.

[More Information](#)

## Application Server: Complex Containment vs. Complex Objects

Application Server– Complex Containment vs. Complex Objects is a 1-hour eLearning course that explains how to define the most effective quantity of objects to represent a process. The equipment and object quantity mix should always be a major consideration of application design. This course uses a Tank System and a User Defined Object used as a container to test the different efficiencies of various application designs.

[More Information](#)

## ArchestrA Alarm Control for InTouch 10.1

The ArchestrA Alarm Control for InTouch 10.1 Online Seminar is an instructor-led seminar which gives an overview of the capabilities and use of the new Alarm Control to display alarms from an InTouch Application. Seminar subjects will include a review of InTouch Alarming, an overview of the new ArchestrA Alarm Control, how to configure live and historical alarms for visualization, and an overview of basic scripting. This seminar is applicable to InTouch 2012. Approximate duration: 20 minutes. This seminar is applicable to InTouch 2012.

[More Information](#)

## ArchestrA Alarm Control for Wonderware Application Server 3.1

The ArchestrA Alarm Control for System Platform 3.1 Online Seminar is an instructor-led seminar which gives an overview of the capabilities and use of the new Alarm Control to display alarms from a System Platform 3.1 Galaxy. Seminar subjects will include a review of ArchestrA Alarming, an overview of the new ArchestrA Alarm Control, how to configure live and historical alarms for visualization, and an overview of basic scripting. This seminar is applicable to Application Server 2012. Approximate duration: 60 minutes. This seminar is applicable to System Platform 2012.

[More Information](#)

## ArchestrA Bulk Import Utility

The ArchestrA Bulk Import Utility Online Seminar is an instructor-led seminar which gives an overview of the capabilities and use of the ArchestrA Bulk Import Utility. This utility is used to transform tag definitions from an existing HMI application, such as InTouch HMI software, into a Wonderware Application Server object structure. This allows migration of an existing tag structure and parameters into a Galaxy, saving considerable engineering time and effort. Seminar subjects will include general configuration and operation, how to import from an InTouch application, and how to import from general CSV and XML files. This session is intended for current Application Server users, as well as potential users, such as those current InTouch users considering migration to an Application Server Galaxy. Approximate duration: 60 minutes.

[More Information](#)

[More Information](#)

## ArchestrA GRAccess Toolkit API - Part 2

The ArchestrA® GRAccess Toolkit API Part 2 Online Seminar is a 1-hour, instructor-led seminar that extends the sample client application demonstrated in the ArchestrA® GRAccess Toolkit API – Part 1 Online Seminar to discuss in detail some of the other object classes and methods available.

[More Information](#)

## ArchestrA GRAccess Toolkit API – Part 1

The ArchestrA® GRAccess Toolkit API – Part 1 Online Seminar is a 1-hour, instructor-led seminar which discusses how ArchestrA Galaxy configuration is exposed to .Net and COM clients through a programmable object model called GRAccess. The GRAccess object model allows you to write programs that automate configuration of local and remote Galaxies using programming languages such as Visual Basic 6.0, C++, Visual Basic .Net and Visual C#.

[More Information](#)

## ArchestrA License Manager

The ArchestrA License Manager Online Seminar reviews the ArchestrA License Utility, discusses in detail how to use the ArchestrA License Manager to install license files, and discusses the ArchestrA License Server. Also included are software and hardware requirements, order of installation, and a demonstration. Approximate duration: 30 minutes

[More Information](#)

## ArchestrA Logger

The ArchestrA Logger eLearning training module explains the various ways a user can take advantage of the ArchestrA Logger to troubleshoot their SCADA system. This course should take approximately 30 minutes to complete.

[More Information](#)

## ArchestrA Object Toolkit 3.1 Recorded Instructor Led Training

The ArchestrA Object Toolkit course is a Recorded Instructor-Led Training where you will learn to develop of Application Objects using the ArchestrA Object Toolkit 3.1 software. In this course, you will create, configure, and deploy Application Objects using the ArchestrA Object Toolkit, Microsoft Visual Studio, and Wonderware System Platform. You will learn about the general object development cycle, and you will leverage the power of reusable code through the use of object-oriented building blocks, such as utility primitives provided with the software and custom primitives you will create. You will also create and customize you own object editor.

[More Information](#)

## ArchestrA SQLData Object

This course is designed to provide the participant with a fundamental understanding of the SQLData Object. The SQLData Object is part of the ArchestrA SQLData Components, which includes the SQLDataGrid ArchestrA Graphic Symbol, the SQLData Object and the SQLData Script Library. This online seminar is part of a series that covers all three of the ArchestrA SQLData Components. The SQLData Object is an ArchestrA application object that can be used to store data to, and retrieve data from a SQL Server database. The SQLData Object provides the means to map data in a SQL Database to attributes in a Galaxy. Approximate duration – 60 minutes.

[More Information](#)

## ArchestrA SQLData Script Library

The ArchestrA SQLData Script Library course is designed to provide the participant with a fundamental understanding of the ArchestrA SQLData Script Library. The ArchestrA SQLData Script Library is part of the ArchestrA SQLData Components, which includes the SQLData Object, the ArchestrA SQLDataGrid Symbol and the SQLData Script Library. This online seminar is part of a series that covers these three ArchestrA SQLData Components. The ArchestrA SQLData Script Library provides the Wonderware System Platform with database integration using ArchestrA scripting. This session discusses the use of methods and properties provided by the library to enable scripting of complex SQL operations, including asynchronous execution, transaction support, and advanced diagnostics. Approximate duration: 90 minutes.

[More Information](#)

## ArchestrA SQLDataGrid Symbol

This course is designed to provide the participant with a fundamental understanding of the ArchestrA SQLDataGrid Symbol. The ArchestrA SQLDataGrid Symbol is part of the ArchestrA SQLData Components, which includes the SQLData Object, the ArchestrA SQLDataGrid Symbol and the SQLData Script Library. This online seminar is part of a series that covers all three of the ArchestrA SQLData Components. The ArchestrA SQLDataGrid Symbol is an ArchestrA Graphic component that enables you to interact with data stored in SQL databases. You can use the SQLDataGrid symbol in an InTouch application that you create in a published or managed mode. Approximate duration: 30 minutes

[More Information](#)

## ArchestrA Scripting Introduction

ArchestrA Scripting Introduction is a 1-hour and 38-minute eLearning course that introduces basic concepts of using QuickScript .NET in Application Server, explains how to use the scripting editor to create scripts in automation objects, and demonstrates how to apply scripts to a Galaxy in some examples.

[More Information](#)

## ArchestrA Sequencer Object

The ArchestrA Sequencer Object Online Seminar is a 1-hour, instructor-led seminar which discusses how to configure and use the ArchestrA Sequencer Object. The Sequencer Object is a new functional component for the Wonderware® Application Server which coordinates tasks that must be executed in a certain sequence or order of operations. These operations can be associated with attributes from multiple application objects running within a Wonderware Application Server Galaxy.

[More Information](#)

## ArchestrA Symbol Editor

ArchestrA Symbol Editor is a 90-minute eLearning course that explains the basic methods and components of creating and editing an ArchestrA symbol for both System Platform and Tag-based InTouch applications. The main focus of this course will be on the drawing and organization tools available within the symbol editor, and will be presented in the form of slides, recorded lectures and demonstrations.

[More Information](#)

## ArchestrA Symbols Creation

ArchestrA Symbols Creation is a 85-minute eLearning course that explains the basics of creating ArchestrA Symbols within the ArchestrA System Platform. This course will address how to animate graphics, create and work with custom properties, implement the Quality and Status graphic element and apply scripting to an ArchestrA Symbol. This course will be presented in the form of recorded lectures and demonstrations.

[More Information](#)

## ArchestrA Symbols Creation Rev B

ArchestrA Symbols Creation Rev B is an 85-minute eLearning course that explains the basics of creating ArchestrA Symbols within the ArchestrA System Platform. This course will address how to animate graphics, create and work with custom properties, implement the Quality and Status graphic element and apply scripting to an ArchestrA Symbol. This course will be presented in the form of recorded lectures and demonstrations.

[More Information](#)

## ArchestrA Symbols Overview

ArchestrA Symbols Overview is a 45-minute eLearning course that explains the basics of working with ArchestrA Symbols within the Wonderware System Platform and a Managed InTouch application. This course addresses the differences between the ArchestrA Symbol Library and the Situational Awareness Library, how to implement symbols that have Wizard Options and how to apply the Dashboard Tools symbols to create a process overview. This course is presented in the form of recorded lectures and demonstrations.

[More Information](#)

## ArchestrA Trend Client for System Platform

The ArchestrA Trend client for System Platform 3.1 Online Seminar is an instructor-led seminar which gives an overview of the capabilities and use of the new Trend Control to chart real-time data from a System Platform 3.1 Galaxy. Seminar subjects will include an overview of the new ArchestrA Trend Control, how to configure the control for initialization with Historian data, and an overview of basic scripting. Approximate duration: 60 minutes

[More Information](#)

## ArchestrA Trend Client for System Platform Rev B

The ArchestrA Trend Client for System Platform is a 60-minute eLearning training course that discusses and demonstrates the basics of how to use Trend Client control to display real-time data from a System Platform.

[More Information](#)

## ArchestrA Visualization Objects

ArchestrA Visualization Objects is a 30-minute eLearning course that explains the basics of creating and deploying a Managed InTouch Application within the ArchestrA System Platform. This course will address how to create a new application, import an existing Stand Alone application, deploy an InTouch application both locally and remotely, and manage the updating of deployed applications. This course will be presented in the form of recorded lectures and demonstrations.

[More Information](#)

## ArchestrA Workflow Activities

ArchestrA Workflow Activities is a 45-minute eLearning course that will provide you with the basic understanding of how ArchestrA workflow activities are setup in the application. This course provides lectures and demonstrations on the software features, including its main capabilities.

[More Information](#)

## ArchestrA Workflow Events

ArchestrA Workflow Events is a 30-minute eLearning course that will provide you with the basic understanding of how ArchestrA Workflow Events are setup in the application, including \$WorkflowGateway object usage, configuring event parameters, and working with workflow versioning. This course provides lectures and demonstrations on the software features, including its main capabilities.

[More Information](#)

## Automation Objects Overview

Automation Objects is a 40 minute eLearning training course that provides an overview of the out-of-the-box object templates included with Application Server, and explains how they are used in the ArchestrA IDE.

[More Information](#)

## Autosave for System Platform 1.0 End-User Training

The AutoSave System Platform course is a Recorded Lecture Series that provides an overview of A4SP software, which is used for enhanced change management for the Wonderware System Platform. The course includes lab demonstrations that supply and reinforce the knowledge needed to install, configure, use, and maintain the A4SP software.

[More Information](#)

## Backing Up a Tag-Based InTouch Application

Backing Up a Tag-Based InTouch Application is a 20-minute eLearning course that explores and demonstrates the methods of backing up and restoring tag-based Modern and legacy InTouch applications. All appropriate methods of backup are addressed: the export and import functions of modern applications, and file copy and the publish function of legacy applications.

[More Information](#)

## Backing Up and Restoring a Galaxy

Backing Up and Restoring a Galaxy is an eLearning training course that discusses the concepts of Back up and Restore. Additionally, how these functions are paired, and for Application Server, they are both performed through the Systems Management Console (SMC). How to perform a Galaxy back up, the different ways to restore a Galaxy is discussed. This course should take approximately thirty minutes to complete.

[More Information](#)

## Backing up the Historian Databases

The Backing Up the Historian Databases training is a 6 minute video which explains how to back up Historian Databases.

[More Information](#)

## Benefits of Managed InTouch Applications

The Benefits of Managed InTouch Applications webinar is a 1-hour recorded seminar that provides presentations and demonstrations to help tag-based InTouch designers leverage the power of the ArcestrA Integrated Development Environment (IDE) as a replacement for the InTouch Application Manager. The webinar will describe the knowledge needed to use the ArcestrA IDE to create, back up, restore, and deploy their tag-based InTouch applications in a multi-developer environment with self-documenting audit trails and version tracking. The webinar will illustrate how to take full advantage of Managed InTouch Applications, including access to the ArcestrA Graphic Toolbox – a centralized library of reusable industrial graphics, which can be embedded in their tag-based InTouch designs.

[More Information](#)

## Change Control and Propagation

The Change Control and Propagation training is a 55-minute eLearning course that introduces the attribute locking and unlocking feature, and explains how to use this feature to control changes in derived objects. Demonstrations are included to describe how to use the locking and unlocking features of attributes in the ArchestrA IDE, and how locking attributes affects how changes are propagated from parent objects to their children.

[More Information](#)

## DAS Toolkit 3.0: Simple DAS Framework RILT

This Recorded Instructor-Led Training (RILT) is designed to provide the participant with an introduction to the Simple DAS Framework, and integral feature of DAS Toolkit 3.0. The Simple DAS Framework allows users to easily create a TCP or Serial DAServer with a minimal amount of code. This series will cover an overview of DAServer components, and the use of the Visual Studio wizards provided by the DAS Toolkit to create simple DAServers.

[More Information](#)

## Device Integration Redundancy

Device Integration Redundancy is a 44-minute eLearning course that explains basic concepts about setting up and configuring device integration redundancy in Application Server. It defines fundamental terminology related to device integration redundancy and demonstrates how to configure device integration redundancy in a Galaxy. It also demonstrates runtime behaviors when failover occurs in a redundant device integration environment and shows how to manually force a failover.

[More Information](#)

## Element Styles

Element Styles is a 30-minute eLearning course that explains the Element Styles that are available in the ArchestrA Symbol Editor and shows how they are applied to enhance your application at runtime. This course will demonstrate how to configure predefined Element Styles, as well as user-defined Element Styles, how to apply Element Styles, and how to configure Element Style animations. Additionally, a discussion on how to export and import Element Styles is included.

[More Information](#)

## Element Styles 2014 R2 SP1

Element Styles 2014 R2 SP1 is a 35-minute eLearning course that explains the Element Styles that are available in the ArchestrA Symbol Editor and shows how they are applied to enhance your application at runtime. This course will demonstrate how to configure predefined Element Styles, as well as user-defined Element Styles, how to apply Element Styles, and how to configure Element Style animations. Additionally, a discussion on how to export and import Element Styles is included.

[More Information](#)

## Embedded Symbols with Containment

The Embedded Symbols with Containment training is a 5 minute video that explains how to create a graphic symbol template and embed symbols in the ArchestrA Integrated Development Environment and InTouch.

[More Information](#)

## Energy Performance for Manufacturing

Energy Performance for Manufacturing is a 60-minute eLearning course that introduces visualization tools to use to analyze energy consumption, in order to optimize equipment utilization, and improve electrical network reliability. This course provides an overview of Energy Performance and the Power Monitoring Expert. Demonstrations show how to use the Energy performance configurator, how to set up the Energy Performance Gadget, and how to create reports. Finally, support and reference material are discussed.

[More Information](#)

## Exporting and Importing Objects

Exporting and Importing Objects is an eLearning course that explains the basics of exporting and importing objects within the ArchestrA IDE. This course addresses how to export single objects, including embedded graphics from the Graphic toolbox, how to export all graphics in the Graphic toolbox, and importing objects, templates, and instances. This course should take less than one-hour to complete.

[More Information](#)

## Exporting and Importing Objects 2014 R2 SP1

Exporting and Importing Objects 2014 R2 SP1 is a 30-minute eLearning course that explains the basics of exporting and importing objects within the ArchestrA IDE. This course addresses how to export single objects, multiple objects, including embedded graphics from the Graphic toolbox, how to export all objects in a Galaxy, and importing objects, templates, and instances. Additionally, it discusses importing a different version of an object, finally, how protected objects can allow corporate standards, and the type of protected objects.

[More Information](#)

## Galaxy Backup and Restore

The Galaxy Backup and Restore training is a 5 minute video which that explains how to backup and restore a Galaxy in the ArchestrA IDE.

[More Information](#)

## Galaxy Backup with Scripting

The Galaxy Backup with Scripting training is a 4 minute video which explains how to automatically backup a Galaxy using the Galaxy Backup utility and Windows Task Scheduler.

[More Information](#)

## Galaxy Dump and Galaxy Load

Galaxy Dump and Galaxy Load is an eLearning training course that discusses why, and in what situations a Galaxy Dump and a Galaxy Load is used, as well as demonstrates how to use this functionality of the ArcestrA IDE. This course should take approximately 15-minutes to complete.

[More Information](#)

## Galaxy Security

Galaxy Security is a 2-hour, 25-minute eLearning course that introduces concepts about ArcestrA security and explains authentication modes, general and operational permissions, and the security audit trail. It also explains security classifications in automation objects and their relationship with operational permissions. Demonstrations are provided that show how to configure security in the ArcestrA IDE, how ArcestrA handles security in both the development and runtime environments, how to configure security classifications in automation objects, and how to get security audit information from the Alarms and Events database.

[More Information](#)

## Historian 10.0 Store and Forward Options

This course is designed to provide the participant with a fundamental understanding of the following three implementations of Store and Forward functionality within Wonderware Historian 10.0: Store and Forward within the context of working with a remote IDAS node Store and Forward with Wonderware System Platform Store and Forward capabilities with a Tier-2 Historian

[More Information](#)

## Historian Client 2014 R2 Virtual Instructor-Led Training

The Wonderware Historian Client Virtual Instructor-Led Training course is a 2-day, virtual instructor-led class designed to provide a fundamental understanding of the features and functionality of the Wonderware Historian Client software. The course provides lectures and hands-on labs to supply and reinforce the knowledge necessary to use Wonderware Historian Client. The Wonderware Historian Client trending, analysis, and reporting software offers a suite of data analysis and reporting clients that maximize the value of data stored on Wonderware Historian. Wonderware Historian Client enables individuals at all levels of an organization to easily access plant- and process-related data through simple point-and-click dialog boxes.

[More Information](#)

## Historian Client 2014 Web-Based Training

The Wonderware Historian Client Web-Based Training (WBT) course is a recorded instructor-led training designed to provide you with a fundamental understanding of the Wonderware Historian Client suite of tools. The Wonderware Historian Client trending, analysis, and reporting software offers a suite of data analysis and reporting clients that maximize the value of data stored on Wonderware Historian. Wonderware Historian Client enables individuals at all levels of an organization to easily access plant- and process-related data through simple point-and-click dialog boxes. This course consists of recorded presentations, lab demonstrations of the training material, and interactive training simulations. The videos are best viewed with a screen resolution of 1280 x 1024. [Total viewing time: 4 hours, 39 minutes] This course is accompanied by the training manual, which contains all of the written steps for the labs.

[More Information](#)

## Historian Server - Classic Event Subsystem

Historian Server - Classic Event Subsystem is an approximately 1-hour eLearning course that explains how to use the Classic Event Subsystem of Historian Server to detect and retrieve historical events from the Historian Server database.

[More Information](#)

## Historian Server - Data Retrieval Modes

Historian Server - Data Retrieval Modes is a 1-hour eLearning course that explains how to use SQL queries to integrate the retrieval mode options and time domain extensions in Historian to retrieve historical data. The queries will demonstrate the Cyclic, Delta, Full, and BestFit retrieval modes. Query options for resolution control, data filtering, edge detection, time and state retrieval, and other advanced query features will also be explained.

[More Information](#)

## Historian Server - Data Retrieval Subsystem Overview

Historian Server - Data Retrieval Subsystem Overview is a 30-minute eLearning course that explains the basics of how to retrieve Historian data by executing SQL queries. The course will explain the connection between SQL Server tables and the Historian extension tables, demonstrate how to query live and historical data, and describe how to return data in both wide and narrow formats.

[More Information](#)

## Historian Server - Historizing Data from Application Server

Historian Server – Historizing Data from Application Server is a 30-minute eLearning course that explains how Historian Server integrates with Application Server. Using lectures and demonstrations, this course will describe how to configure Galaxy platforms, engines, and object attributes for historization and how to monitor Galaxy data acquisition.

[More Information](#)

## Historian Server - Historizing Data from InTouch Applications

Historian Server – Historizing Data from InTouch Applications is a 30-minute eLearning course that explains how Historian Server works with a tag-based InTouch application to historize its I/O, memory, and system tags. Using lectures and demonstrations, this course will describe the different Historian storage modes and explain how to use Historian's Tag Import Wizard, manually edit Historian tags, and monitor Historian's data acquisition.

[More Information](#)

## Historian Server - Historizing Directly from a Data Source

Historian Server - Historizing Directly from a Data Source is a 30-minute eLearning course that explains how Historian Server can be used to historize data directly from a data source other than Application Server or InTouch. Using lectures and demonstrations, this course will describe how to configure an IDAS connection to a Wonderware DA Server, manually create a tag in Historian, use the different Historian storage modes, and monitor Historian's data acquisition from the data source.

[More Information](#)

## Historian Server - Maintenance

Historian Server - Maintenance is an approximately 30-minute eLearning course that explains how to maintain Historian Server by backing up and restoring history blocks and the configuration database.

[More Information](#)

## Historian Server - Manual Data Input

Historian Server - Manual Data Input is a 30-minute eLearning course that explains how to manually work with Historian data. It describes the Historian data categories and discusses the different methods for inserting and updating data. The training also explains how to retrieve original data records, as well as revision data.

[More Information](#)

## Historian Server 2014 R2 Rev B Virtual Instructor-Led Training

The Historian Server 2014 R2 Rev B Virtual Instructor-Led Training course is a 2-day, instructor-led class designed to provide a fundamental understanding of the features and functionality of Wonderware Historian Server for both Application Server and InTouch tag-based applications. The course provides lectures and hands-on labs to supply and reinforce the knowledge necessary to use Wonderware Historian Server for SCADA and factory data. This includes how to configure, historize, and retrieve data using multiple retrieval modes, local and remote summarization, replication, event monitoring, and other features.

[More Information](#)

## Historian Server 2014 R2 SP1 eLearning Curriculum

The Historian Server 2014 R2 eLearning curriculum is a collection of eLearning courses focused on the Historian Server software and its reporting and data analysis functions. The curriculum provides a fundamental understanding of the Historian Server software, explains how Historian Server integrates with Application Server and a tag-based InTouch application, and discusses how to configure an IDAS connection to historize data directly from a data source other than Application Server or InTouch. The training explains the basics of how to retrieve Historian data by executing SQL queries, the use of the Classic Event Subsystem of Historian Server, and data summarization and replication. It also discusses how to maintain Historian Server by backing up and restoring history blocks and the configuration database. As you progress through the curriculum, you are guided through setup, layout, best practices, concepts, features, and functions of the Historian software. Video demonstrations reinforce concepts and features. Duration: 8 hours of instruction

[More Information](#)

## Historian Server 2014 for System Platform WBT

The Historian Server 2014 for System Platform Web-Based Training (WBT) course is a recorded instructor-led training designed to provide a fundamental understanding of the features and functionality of Historian Server for System Platform applications. This course will demonstrate how to use Historian Server for SCADA and factory data, and how it integrates with ArchedrA technology to extend the capabilities of System Platform applications. This includes how to configure, historize, and retrieve Application Server data using multiple retrieval modes, local and remote summarization, replication, event monitoring, store-and-forward, redundancy, and other features. This course consists of recorded presentations and lab demonstrations of the training material presented in a live class. The videos are best viewed with a screen resolution of 1280 x 1024. [Total viewing time: 5 hours, 38 minutes] This course is accompanied by the training manual, which contains all of the written steps for the labs, as well as student files to support the labs.

[More Information](#)

## Historian Server Configuration

Historian Server Configuration 2014 R2 SP1 is a 1.5-hour eLearning course that describes the Historian Server plug-in within the ArchedrA System Management Console. It provides an overview of its interface and explains how to register and start and stop Historians. This course describes Historian options and system parameters. Additionally, you learn to work with Historian Security groups and permissions.

[More Information](#)

## Historian Server IDAS Failover and Alternate Server

Historian Server IDAS Failover and Alternate Server is a 20 minute course course explains how to use the Wonderware Historian Data Acquisition Subsystem (IDAS) and alternate server for failover with Historian Server. Software demonstrations are provided to enhance your knowledge of the concepts presented in this course. This course uses a Historian environment that acquires data from I/O servers and DA Servers in an InTouch tag-based system, not a SCADA system.

[More Information](#)

## Historian Software Development Kit - Part 1: Overview

The IndustrialSQL Server 9.0 Software Development Kit (SDK) Online Seminar is a 1-hour, instructor-led seminar which discusses how the new InSQL SDK is used to historize and retrieve data from the InSQL historian, as well as how to perform tasks such as configuring tags, creating history blocks, and getting configuration status information. The InSQL SDK provides programmatic access to storage, retrieval, and system configuration functionality in an InSQL historian. The InSQL SDK can be used within stand-alone .NET applications, as well as from within ArchedrA scripts.

[More Information](#)

## Historian Software Development Kit - Part 2: Maintenance

The Wonderware® Historian 9.0 Software Development Kit (SDK) – Part 2 Online Seminar is a 1-hour, instructor-led seminar which discusses how to use the Wonderware Historian SDK to perform maintenance and housekeeping tasks on a Wonderware Historian node through a custom built, stand-alone .Net application, or within ArchedrA scripts.

[More Information](#)

## Historizing Attributes and Trending

Historizing Attributes and Trending is a 61-minute course that introduces the basic concepts of historizing attributes in Application Server, including configuring attributes with the History feature, enabling storage to Historian Server, and visualizing historical data through the Historian Client Trend .NET control.

[More Information](#)

## How to Use InTouch QuickFunctions

How to Use InTouch QuickFunctions is an 18-minute, 45-second eLearning course that explains the configuration and use of QuickFunctions in InTouch scripting.

[More Information](#)

## How to Use Situational Awareness Polar Stars

How to Use Situational Awareness Polar Stars is an 11-minute eLearning course that describes the polar star symbols available in the ArcestrA Situational Awareness Library and explains how to configure and use them in InTouch applications.

[More Information](#)

## How to Use the Situational Awareness Bullet Graph Symbol

How to Use the Situational Awareness Bullet Graph Symbol is an 11-minute, 50-second eLearning course that describes the bullet graph symbol available in the ArcestrA Situational Awareness Library. It also explains how to configure and use it in InTouch applications.

[More Information](#)

## InBatch 2012 Virtual Instructor-Led Training

The InBatch 2012 Virtual Instructor-Led Training course is a 4-day instructor-led class that provides you with a fundamental overview of the concepts and terms associated with Wonderware InBatch Software. The course includes providing you with the opportunity to apply the product to a batch process application. InBatch is flexible batch management software designed to model and automate batch-oriented production processes. InBatch software allows users to quickly and easily create recipes and simulate their execution against a model of the process—all before writing one line of control code. InBatch software's powerful batch engine reduces the time to automate batch processes by 40 to 60% over competitive solutions. InBatch software facilitates the design and implementation of solutions that are compliant with 21 CFR Part 11, the US Regulation on Electronic Records and Electronic Signatures.

[More Information](#)

## InBatch 2014 R3 Virtual Instructor-Led Training

The InBatch 2014 R3 Virtual Instructor-Led Training course is a 5-day, instructor-led class designed to provide a fundamental understanding of the features and functionality of the Wonderware InBatch software. The course provides lectures and hands-on labs to supply and reinforce the knowledge necessary to apply InBatch to a batch processing application. This includes creating the plant model, creating recipes, simulating their execution, and connecting InBatch to a plant control system.

[More Information](#)

## **InBatch 2014 R3 Virtual Instructor-Led Training BETA**

The InBatch 2014 R3 Virtual Instructor-Led Training BETA course is a 5-day, instructor-led class designed to provide a fundamental understanding of the features and functionality of the Wonderware InBatch software. The course provides lectures and hands-on labs to supply and reinforce the knowledge necessary to apply InBatch to a batch processing application. This includes creating the plant model, creating recipes, simulating their execution, and connecting InBatch to a plant control system. The new training materials and lab instructions for the InBatch 2014 R3 software will be validated during this BETA course. Your input is greatly appreciated.

[More Information](#)

## **InTouch 2014 R2 SP1**

The tag-based InTouch 2014 R2 SP1 course is a 5-day, instructor-led class focused on Modern InTouch application design. The course provides a fundamental understanding of the basic principles of the Wonderware visualization module and the steps to develop a Human Machine Interface (HMI) system for your specific plant floor. You are guided through setup, layout, best practice concepts, features, and functions of the InTouch software. Hands-on labs reinforce concepts and features.

[More Information](#)

## **InTouch 2014 R2 SP1 Virtual Instructor-Led Training**

The tag-based InTouch 2014 R2 SP1 course is a 5-day, virtual instructor-led class focused on Modern InTouch application design. The course provides a fundamental understanding of the basic principles of the Wonderware visualization module and the steps to develop a Human Machine Interface (HMI) system for your specific plant floor. You are guided through setup, layout, best practice concepts, features, and functions of the InTouch software. Hands-on labs reinforce concepts and features.

[More Information](#)

## **InTouch 2014 R2 eLearning Curriculum**

The tag-based InTouch 2014 R2 eLearning curriculum is a collection of eLearning courses focused on modern InTouch application design. The curriculum provides a fundamental understanding of the Wonderware InTouch software, the usage of ArcestrA symbols, the ArcestrA Symbol Editor, the Situational Awareness philosophy, the Situational Awareness Library, and scripting. As you progress through the curriculum, you are guided through setup, layout, best practices, concepts, features, and functions of the InTouch software. Video demonstrations reinforce concepts and features. Duration: 17 hours of instruction

[More Information](#)

## InTouch Access Anywhere

InTouch Access Anywhere is a 50 minute eLearning course that explains the InTouch Access Anywhere Server and the InTouch Access Anywhere Secure Gateway. Video lectures and demonstrations are provided to enhance your knowledge of the subject.

[More Information](#)

## InTouch Access Anywhere 2014 R2 SP1

InTouch Access Anywhere is a 90-minute eLearning course that discusses InTouch Access Anywhere Server and InTouch Secured Gateway, including the new features in 2014 R2 SP1. Video lectures and demonstrations are provided to enhance your knowledge of the subject.

[More Information](#)

## InTouch Alarms

InTouch Alarms is a 2-hour course on how to implement an alarm strategy for a tag-based InTouch application. The course discusses and provides demonstrations of alarms and events for both analog and discrete tags and explains how to interact with alarms using visualization, acknowledgement, inhibition, and hiding. Students will be able to create a permanent record of alarms using alarm database functions.

[More Information](#)

## InTouch Alarms - Alarming Basics

The InTouch® Alarm Basics Online Seminar is a 1.5-hour, instructor-led seminar which gives an overview of single node InTouch 10.0 alarming, including alarm/event definition and alarm acknowledgement. Other subjects will include using and configuring the alarm objects, alarm inhibition, and alarm dot fields. This session is intended for the new InTouch User. This seminar is applicable to InTouch 2012.

[More Information](#)

## InTouch Cells and Symbols

The InTouch Cells and Symbols eLearning course is a 5-minute video that explores InTouch graphic cells and symbols and demonstrates the key benefits and differences between them.

[More Information](#)

## InTouch Data Logging and Trending

InTouch Data Logging and Trending is a 1-hour and 55-minute eLearning course that explains the InTouch Historical Logging capabilities and the use of historical wizards. This course will explain how to use these features to record data and to retrieve and view data. Additionally, the Trend Client tool will be used for plotting real-time data and for backfilling the chart, within a time range, using InTouch History data. Additional considerations, features, and best practices for InTouch Data Logging and Trending will also be examined.

[More Information](#)

## InTouch Distributed Alarms

InTouch Distributed Alarms is a 40-minute eLearning course that explains the InTouch Distributed Alarm System. This course extends the InTouch Alarms eLearning course by covering the distributed networking portion of the InTouch Alarms topic. This course demonstrates the InTouch Distributed Alarm System which allows you to display alarms and events, and acknowledge alarms generated by other networked InTouch applications.

[More Information](#)

## InTouch Distributed History

InTouch Distributed History is a 30-minute eLearning course that explains how InTouch provides a Distributed History system that allows retrieval of Historical data from any InTouch application, including those across a network. Additionally, you learn how to use the Distributed Name Manager to create a History Provider and then configure an InTouch History Trend to display Historical data from a History Provider.

[More Information](#)

## InTouch Dynamic Reference Addressing

InTouch Dynamic Reference Addressing is a 30-minute eLearning course that explains how to switch data sources at Runtime for a Tagname using Dynamic Reference Addressing (DRA). This course explains how to use DRA dot fields .Reference and .ReferenceComplete as well as DRA script functions to monitor and modify the I/O source for Tagnames and Access Names.

[More Information](#)

## InTouch Graphics to ArchedrA Symbols Conversion

The InTouch Graphics to ArchedrA Symbols Conversion online seminar is designed to provide the participant with a fundamental understanding of how SmartSymbols are created and then imported into an ArchedrA Symbol. In this seminar SmartSymbols are reintroduced as a method of taking existing InTouch Graphics that were already developed in earlier versions of InTouch, and incorporating them into ArchedrA Symbols. These new ArchedrA Symbols can then be reused, exported and stored for later application development. No engineering collateral or design configuration is lost in the conversion. Approximate duration: 45 minutes

[More Information](#)

## InTouch HMI 2017

The tag-based InTouch HMI 2017 course is a 5-day, instructor-led class that explains how to create and configure a Modern InTouch application. The course provides a fundamental understanding of the Wonderware visualization module and explains how to develop a Human Machine Interface (HMI) system for your specific plant floor. You are guided through setup, layout, best practice concepts, features, and functions of the InTouch software platform. Hands-on labs reinforce concepts and features.

[More Information](#)

## **InTouch HMI 2017 BETA**

The tag-based InTouch HMI 2017 BETA course is a 5-day, instructor-led class that explains how to create and configure a Modern InTouch application. The course provides a fundamental understanding of the Wonderware visualization module and explains how to develop a Human Machine Interface (HMI) system for your specific plant floor. You are guided through setup, layout, best practice concepts, features, and functions of the InTouch software platform. Hands-on labs reinforce concepts and features. The new training materials and lab instructions for the InTouch HMI 2017 software will be validated during this BETA course. Your input is greatly appreciated.

[More Information](#)

## **InTouch HMI 2017 Virtual Instructor-Led Training**

The tag-based InTouch HMI 2017 Virtual Instructor-Led Training course is a 5-day, instructor-led class that explains how to create and configure a Modern InTouch application. The course provides a fundamental understanding of the Wonderware visualization module and explains how to develop a Human Machine Interface (HMI) system for your specific plant floor. You are guided through setup, layout, best practice concepts, features, and functions of the InTouch software platform. Hands-on labs reinforce concepts and features.

[More Information](#)

## **InTouch HMI 2017 Virtual Instructor-Led Training BETA**

The tag-based InTouch HMI 2017 Virtual Instructor-Led Training BETA course is a 5-day, instructor-led class that explains how to create and configure a Modern InTouch application. The course provides a fundamental understanding of the Wonderware visualization module and explains how to develop a Human Machine Interface (HMI) system for your specific plant floor. You are guided through setup, layout, best practice concepts, features, and functions of the InTouch software platform. Hands-on labs reinforce concepts and features. The new training materials and lab instructions for the InTouch HMI 2017 software will be validated during this BETA course. Your input is greatly appreciated.

[More Information](#)

## **InTouch HMI Alarms: Alarm Databasing**

The InTouch® HMI Alarms: Alarm Databasing Online Seminar is a 1.5-hour, instructor-led seminar which gives an overview of the Alarm Databasing functions in InTouch alarming. Subjects will include alarm DB Logger Manager, Alarm Database Viewer, and Alarm Pareto Control. The Wonderware Technical Support website, where downloads and a searchable Knowledgebase is available, will be reviewed, and an opportunity for participants to ask questions will be provided.

[More Information](#)

## InTouch I/O Access

The InTouch I/O Access course is a 40-minute eLearning course that provides information on how to acquire tag-based data from remote data sources. You will explore using Wonderware InTouch to connect to remote data sources for data acquisition and supervisory control. The course also includes video demonstrations showing you how to configure InTouch Access Names, create I/O tagnames, and set up a DAS data server. Video demonstrations will show how to: Configure InTouch Access Names Create I/O tagnames Check the health of I/O communication and Tags

[More Information](#)

## InTouch I/O Failover

InTouch I/O Failover is a 20-minute eLearning training course that explains how to set up the InTouch Access Name Failover and to configure failover to a secondary I/O source in the event of a communication failure. This course demonstrates additional scripting using built-in script functions, which can be used to monitor and control I/O failover.

[More Information](#)

## InTouch Legacy Alarm Animations

The InTouch Legacy Alarm Animations training is a 10 minute video which explains how to set up alarm animations based upon discrete and analog data.

[More Information](#)

## InTouch Legacy Distributed Alarm Display

The InTouch Legacy Distributed Alarm Display training is a 10 minute video which explains how to configure the InTouch Legacy Distributed Alarm Display client.

[More Information](#)

## InTouch Machine Edition 2014 R2

The InTouch Machine Edition 2014 R2 course is a 5-day, instructor-led class designed to provide a fundamental understanding of the features and functionality of the InTouch Machine Edition software. InTouch Machine Edition enables End Users and Machine builders to quickly create intuitive, secure, and highly maintainable HMI applications for intelligent machines and on a variety of low level devices using embedded operating systems for up to 3000 tags. The course provides lectures and hands-on labs to supply and reinforce the knowledge needed to use InTouch Machine Edition to develop an HMI for your plant floor environment using basic InTouch Machine Edition elements. The HMI application will be developed using InTouch Machine Edition software features such as Tags, Classes, Indirect Addressing, Animation, Symbols, Scripting, Alarms, Real Time and Historical Trending, Reports, Recipes (many types including XML), and Store-and-Forward Historian (including the Wonderware Historian, PLC Drivers, Remote Troubleshooting, Remote Clients Project Security, and Application Backup).

[More Information](#)

## InTouch Machine Edition 2014 R2 (Spanish)

El curso de InTouch Machine Edition 2014 R2 y InduSoft Web Studio es de 5 días, la clase es dirigida por un instructor con el objetivo de tener una mejor comprensión de las características y funcionalidades del software InTouch Machine Edition e InduSoft Web Studio. InTouch Machine Edition e InduSoft Web Studio permite a los usuarios finales y a constructores de máquinas crear aplicaciones HMI rápidamente de forma intuitiva, segura además de contar con soporte de mantenimiento para máquinas inteligentes y gran variedad de dispositivos de bajo nivel usando Sistemas operativos Embebidos hasta 3000 tags. El curso facilita lecturas y ejemplos de laboratorios con el objetivo de reforzar el conocimiento necesario para desarrollar una aplicación HMI en su empresa o planta utilizando elementos básicos de InTouch Machine Edition y InduSoft Web Studio. La aplicación HMI será desarrollada usando diversas características del software como tags (variables), clases, direcciones indirectas (conocido como punteros), animaciones, símbolos, códigos de comando, alarmas, tendencias históricas en tiempo real y en base a datos históricos, reportes, recetas (diferentes tipos incluyendo XML), además de almacenamiento y envío de registros históricos (incluyendo el servicio "Wonderware Historian"), PLC Drivers, solución de problemas remotamente, clientes remotos, seguridad en proyectos y copias de seguridad de la aplicación.

[More Information](#)

## **InTouch Machine Edition 2014 R2 Virtual Instructor-Led Training**

The InTouch Machine Edition 2014 R2 Virtual Instructor-Led Training course is a 5-day, online instructor-led class designed to provide a fundamental understanding of the features and functionality of the InTouch Machine Edition software. InTouch Machine Edition enables End Users and Machine builders to quickly create intuitive, secure, and highly maintainable HMI applications for intelligent machines and on a variety of low level devices using embedded operating systems for up to 3000 tags. The course provides lectures and hands-on labs to supply and reinforce the knowledge needed to use InTouch Machine Edition to develop an HMI for your plant floor environment using basic InTouch Machine Edition elements. The HMI application will be developed using InTouch Machine Edition software features such as Tags, Classes, Indirect Addressing, Animation, Symbols, Scripting, Alarms, Real Time and Historical Trending, Reports, Recipes (many types including XML), and Store-and-Forward Historian (including the Wonderware Historian, PLC Drivers, Remote Troubleshooting, Remote Clients Project Security, and Application Backup).

[More Information](#)

## **InTouch Machine Edition 2014 R2 Virtual Instructor-Led Training (Spanish)**

El curso de InTouch Machine Edition 2014 R2 Virtual Instructor Led Training es de 5 días, virtual la clase es dirigida por un instructor con el objetivo de tener una mejor comprensión de las características y funcionalidades del software InTouch Machine Edition e InduSoft Web Studio. InTouch Machine Edition e InduSoft Web Studio permite a los usuarios finales y a constructores de máquinas crear aplicaciones HMI rápidamente de forma intuitiva, segura además de contar con soporte de mantenimiento para máquinas inteligentes y gran variedad de dispositivos de bajo nivel usando Sistemas operativos Embebidos hasta 3000 tags. El curso facilita lecturas y ejemplos de laboratorios con el objetivo de reforzar el conocimiento necesario para desarrollar una aplicación HMI en su empresa o planta utilizando elementos básicos de InTouch Machine Edition y InduSoft Web Studio. La aplicación HMI será desarrollada usando diversas características del software como tags (variables), clases, direcciones indirectas (conocido como punteros), animaciones, símbolos, códigos de comando, alarmas, tendencias históricas en tiempo real y en base a datos históricos, reportes, recetas (diferentes tipos incluyendo XML), además de almacenamiento y envío de registros históricos (incluyendo el servicio "Wonderware Historian"), PLC Drivers, solución de problemas remotamente, clientes remotos, seguridad en proyectos y copias de seguridad de la aplicación.

[More Information](#)

## **InTouch Machine Edition 2017**

The InTouch Machine Edition 2017 course is a 5-day, instructor-led class designed to provide a fundamental understanding of the features and functionality of the InTouch Machine Edition software. InTouch Machine Edition enables End Users and Machine builders to quickly create intuitive, secure, and highly maintainable HMI applications for intelligent machines and on a variety of low level devices using embedded operating systems for up to 3000 tags. The course provides lectures and hands-on labs to supply and reinforce the knowledge needed to use InTouch Machine Edition to develop an HMI for your plant floor environment using basic InTouch Machine Edition elements. The HMI application will be developed using InTouch Machine Edition software features such as Tags, Classes, Indirect Addressing, Animation, Symbols, Scripting, Alarms, Real Time and Historical Trending, Reports, Recipes (many types including XML), and Store-and-Forward Historian (including the Wonderware Historian, PLC Drivers, Remote Troubleshooting, Remote Clients Project Security, and Application Backup).

[More Information](#)

## **InTouch Machine Edition 2017 Rev B**

The InTouch Machine Edition 2017 Rev B course is a 4-day, instructor-led class designed to provide a fundamental understanding of the features and functionality of the InTouch Machine Edition software. InTouch Machine Edition enables End Users and Machine builders to quickly create intuitive, secure, and highly maintainable HMI applications for intelligent machines and on a variety of low level devices using embedded operating systems for up to 3000 tags. The course provides lectures and hands-on labs to supply and reinforce the knowledge needed to use InTouch Machine Edition to develop an HMI for your plant floor environment using basic InTouch Machine Edition elements. The HMI application will be developed using InTouch Machine Edition software features such as Tags, Classes, Indirect Addressing, Animation, Symbols, Scripting, Alarms, Real Time and Historical Trending, Reports, Recipes (many types including XML), and Store-and-Forward Historian (including the Wonderware Historian, PLC Drivers, Remote Troubleshooting, Remote Clients Project Security, and Application Backup).

[More Information](#)

## **InTouch Machine Edition 2017 Rev B Virtual Instructor-Led Training**

The InTouch Machine Edition 2017 Rev B Virtual Instructor-Led Training course is a 4-day, online instructor-led class designed to provide a fundamental understanding of the features and functionality of the InTouch Machine Edition software. InTouch Machine Edition enables End Users and Machine builders to quickly create intuitive, secure, and highly maintainable HMI applications for intelligent machines and on a variety of low level devices using embedded operating systems for up to 3000 tags. The course provides lectures and hands-on labs to supply and reinforce the knowledge needed to use InTouch Machine Edition to develop an HMI for your plant floor environment using basic InTouch Machine Edition elements. The HMI application will be developed using InTouch Machine Edition software features such as Tags, Classes, Indirect Addressing, Animation, Symbols, Scripting, Alarms, Real Time and Historical Trending, Reports, Recipes (many types including XML), and Store-and-Forward Historian (including the Wonderware Historian, PLC Drivers, Remote Troubleshooting, Remote Clients Project Security, and Application Backup).

[More Information](#)

## **InTouch Machine Edition 2017 Virtual Instructor-Led Training**

The InTouch Machine Edition 2017 Virtual Instructor-Led Training course is a 5-day, online instructor-led class designed to provide a fundamental understanding of the features and functionality of the InTouch Machine Edition software. InTouch Machine Edition enables End Users and Machine builders to quickly create intuitive, secure, and highly maintainable HMI applications for intelligent machines and on a variety of low level devices using embedded operating systems for up to 3000 tags. The course provides lectures and hands-on labs to supply and reinforce the knowledge needed to use InTouch Machine Edition to develop an HMI for your plant floor environment using basic InTouch Machine Edition elements. The HMI application will be developed using InTouch Machine Edition software features such as Tags, Classes, Indirect Addressing, Animation, Symbols, Scripting, Alarms, Real Time and Historical Trending, Reports, Recipes (many types including XML), and Store-and-Forward Historian (including the Wonderware Historian, PLC Drivers, Remote Troubleshooting, Remote Clients Project Security, and Application Backup).

[More Information](#)

## **InTouch Machine Edition – 01 Preparation**

The InTouch Machine Edition - Preparation training is a 10 minute online seminar that provides a precursor as to some of the basics of common keystrokes and mouse clicks that will be used throughout the other training videos in this series. Other preparation suggestions include ways to get the most of the entire video series.

[More Information](#)

## **InTouch Machine Edition – 02 Introduction**

The InTouch Machine Edition - Introduction training is a 30 minute online seminar that provides a brief introduction to InTouch Machine Edition. This video gives a quick overview of the development environment interface and various tool locations. It also shows where some of the trouble shooting tools can be found how they are used. Then a very simple two screen project is created highlighting how easy and quick the product is to use.

[More Information](#)

## **InTouch Machine Edition – 03 Product Overview**

The InTouch Machine Edition – Product Overview training is a 30 minute online seminar that provides an overview of features and capabilities InTouch Machine Edition. Included in this training are the product positioning, advantages and features, and an overview of the integration with Wonderware System Platform

[More Information](#)

## **InTouch Machine Edition – 05 User Interface Overview**

The InTouch Machine Edition – User Interface Overview training is a 34 minute training video that provides a brief overview of the user interface in the InTouch Machine Edition.

[More Information](#)

## **InTouch Machine Edition – 06 Tags**

The InTouch Machine Edition - Tags training is a 35 minute training video that provides an understanding of what tags are in InTouch Machine Edition.

[More Information](#)

## **InTouch Machine Edition – 07 Drivers Part 1**

The InTouch Machine Edition – Drivers Part 1 training is a 25 minute training video provides a basic understanding of how to configure drivers with InTouch Machine Edition.

[More Information](#)

## **InTouch Machine Edition – 07 Drivers Part 2**

The InTouch Machine Edition – Drivers Part 2 training is a 43 minute training video that provides a more detailed understanding of how to configure drives within InTouch Machine Edition.

[More Information](#)

## **InTouch Machine Edition – 08 Screen Groups**

The InTouch Machine Edition – Screen Groups training is a 32 minute training video that provides a basic understanding of how to create screen groups and the template that will be used for the remaining training videos.

[More Information](#)

## **InTouch Machine Edition – 09 Formatting and Shapes**

The InTouch Machine Edition – Formatting and Shapes training is a 42 minute training video that provides a basic understanding of how to use the basic shapes in the InTouch Machine Edition and how to format those.

[More Information](#)

## **InTouch Machine Edition – 10 Active Objects Part 1**

The InTouch Machine Edition – Active Objects Part 1 training is a 42 minute training video that explains how to use some of the active objects in the InTouch Machine Edition.

[More Information](#)

## **InTouch Machine Edition – 10 Active Objects Part 2**

The InTouch Machine Edition – Active Objects Part 2 training is a 36 minute training video that explains how to use more of the active objects in the InTouch Machine Edition.

[More Information](#)

## **InTouch Machine Edition – 10 Active Objects Part 3**

The InTouch Machine Edition – Active Objects Part 3 training is a 61 minute training video explains how to use more of the active objects in the InTouch Machine Edition.

[More Information](#)

## **InTouch Machine Edition – 11 Animation Overview**

The InTouch Machine Edition – Animation Overview training is a 45 minute training video explaining how to apply Animations using InTouch Machine Edition.

[More Information](#)

## **InTouch Machine Edition – 12 Animation Details**

The InTouch Machine Edition – Animation Details training is a 60 minute training video explaining how to apply Animations in depth using InTouch Machine Edition.

[More Information](#)

## **InTouch Network Application Development**

InTouch Network Application Development (NAD) is a 35-minute eLearning course that explains how to use the InTouch NAD feature to automatically distribute application updates to plant floor production workstations over a network. This course includes the setup and configuration of NAD, setup of a shared network folder of the master application, adding the master application path to the InTouch Application Manager on runtime nodes, configuring change mode settings of end-user/operator experience, configuration of a local working copy of the application, and notifying clients of application change. This course also includes additional considerations when working with NAD.

[More Information](#)

## **InTouch Network Application Development 2014 R2 SP1**

InTouch Network Application Development (NAD) 2014 R2 SP1 is a 35-minute eLearning course that explains how to use the InTouch NAD feature to automatically distribute application updates to plant floor production workstations over a network. This course includes the setup and configuration of NAD, setup of a shared network folder of the master application, adding the master application path to the InTouch Application Manager on runtime nodes, configuring change mode settings of end-user/operator experience, configuration of a local working copy of the application, and notifying clients of application change. This course also includes additional considerations when working with NAD.

[More Information](#)

## **InTouch New Alarm Objects and Functionality**

The InTouch New Alarm Objects and Functionality Online Seminar is a 1/2-hour, instructor-led seminar which discusses the Alarm Tree Viewer ActiveX Control and the Alarm Pareto ActiveX Control. The Alarm Tree Viewer ActiveX Control shows the alarm group hierarchy of alarm providers selected by an alarm query. The Alarm Tree Viewer lets you show the alarm group hierarchy in a graphical representation. You can perform operations involving groups, descendent groups, and ancestor groups. When used in conjunction with other alarm objects, the Alarm Tree object can assist in modifying alarm providers or alarm groups. Using the Alarm Pareto ActiveX control, you can analyze which alarms and events occur most frequently in a given production system. You can also analyze alarm frequency by the time periods during which they occur. The analysis capabilities of the Alarm Pareto help you recognize where you should focus your efforts to achieve the most significant improvements.

[More Information](#)

## **InTouch OMI 2017 for Existing System Platform Users**

The InTouch OMI 2017 for Existing System Platform Users course is a 1-day, instructor-led class designed to provide an overview of the features and functionalities released with InTouch OMI. It covers the components and capabilities of the software, as well as topics to help you build and deploy an InTouch OMI visualization application (ViewApp). Hands-on labs are provided to reinforce the knowledge necessary to use InTouch OMI.

[More Information](#)

## **InTouch OMI 2017 for Existing System Platform Users Virtual Instructor-Led Training**

The InTouch OMI 2017 for Existing System Platform Users Virtual Instructor-Led Training course is a 1-day, instructor-led class designed to provide an overview of the features and functionalities released with InTouch OMI. It covers the components and capabilities of the software, as well as topics to help you build and deploy an InTouch OMI visualization application (ViewApp). Hands-on labs are provided to reinforce the knowledge necessary to use InTouch OMI.

[More Information](#)

## **InTouch Remote Tag Referencing**

InTouch Remote Tag Referencing is a 60-minute eLearning course that explains designing InTouch client applications using Remote Tag Referencing without using any tag names in the local Tagname Dictionary. You will see how to create Remote Tag References dynamically using a Remote Reference Tag source that allows using the InTouch Tag Browser to remotely browse then select Remote Tags and tag dot fields from another InTouch application. This course will cover a method for creating an InTouch thick client application by importing a window from another InTouch application and converting that window's placeholder tags to use Remote Tag References. Additionally, this course will cover Remote Tag Referencing syntax and the use of Remote Tag Referencing script functions to change the references of Remote Tags.

[More Information](#)

## **InTouch Runtime Language Switching**

InTouch Runtime Language Switching is a 15 minute, instructor-led online seminar which discusses the new Runtime Language Switching feature in InTouch® HMI 10.0. The Runtime Language Switching feature allows developers to define which languages a particular InTouch application will support. This feature is triggered through the use of a button in the application, which, when clicked, switches the language in InTouch windows to the selected language.

[More Information](#)

## InTouch Scripting Introduction

InTouch Scripting Introduction is a 1-hour, 45-minute eLearning course covering the fundamentals of using the built-in scripting language of InTouch, called QuickScript. Included is a discussion of selecting the best script type for the job, how to use the InTouch Script Editor, how to write scripts using built-in library functions and keywords, and how to leverage working examples from the InTouch script help documentation to reduce script development time. This course will show how to write InTouch scripts properly, using the QuickScript language conventions and syntax. Scripting examples will be used to illustrate concepts, such as string concatenation, local variables, data type conversions, triggers, branching, and looping. Additional considerations, including how to document and troubleshoot scripts, will also be examined.

[More Information](#)

## InTouch Security

InTouch Security is a 1-hour eLearning course that discusses and demonstrates the security features available in InTouch. This course provides an introduction to the types of tag-based InTouch Security and how to use the InTouch Security features to secure your application at runtime. This course will demonstrate how to configure native-InTouch Security, as well as Operating System (OS) Security, how the two types compare and contrast to each other, and how to enable and configure some of the built-in WindowViewer security features. Additionally, a discussion on how to enhance security using scripting is included.

[More Information](#)

## InTouch Smart Symbols

InTouch Smart Symbols is a 5-minute eLearning video that explains what SmartSymbols are and shows the key features for creating, placing, and editing InTouch SmartSymbols.

[More Information](#)

## InTouch Tag Server

InTouch Tag Server is a 45-minute eLearning course that explains how to configure and use an InTouch Tag Server, or an InTouch application used to consolidate I/O traffic, aggregate multiple smaller InTouch applications, and provide a central tag source for InTouch clients. This course focuses on the design of an InTouch application containing only tags and scripts, which acts as a single point of tag maintenance in a network of InTouch Applications. Students learn how to connect to an InTouch Tag Server as a data source from remote InTouch client applications over a network. Students will be able to explain how to leverage an InTouch Tag Server to reduce InTouch application maintenance and reduce the demands on older or limited bandwidth field device buses, data highways, and plant networks.

[More Information](#)

## InTouch Tags

InTouch Tags is a 2 hour, 15 minute eLearning course that defines what an InTouch Tag is and covers the use of the WindowMaker Tagname Dictionary, WindowViewer Tag Viewer, and the Application Manager's DBDump and DBLoad utilities. In this course, you will learn how to create and define tags, test tag values in real-time, use tag utilities to dump tags to a file, modify the file, load tags from a file to create new tags, and modify tag definitions. This course will also include finding where a tag is used with Cross Reference, determine tag usage with Update Use Counts, Delete Unused Tags, and modify tag definitions, such as changing a tag's name and a tag's type, after a tag has been used.

[More Information](#)

## **InTouch Windows and Navigation**

The InTouch Windows and Navigation course is a 60 minute eLearning course that will teach students how InTouch uses different types of windows to visualize and present industrial information and data to application users. This course will then explain how InTouch application designers can add navigation to these windows so that users can switch between these windows to supervise and control their plant-specific operations.

[More Information](#)

## **InTouch Wizards Overview**

The InTouch Wizards training is a 5 minute video which explains how to use wizards in InTouch.

[More Information](#)

## **InTouch for System Platform 2012 R2 Recorded Instructor Led Training**

The InTouch for System Platform 2012 R2 Recorded Instructor Led Training (RILT) is designed to provide you with a fundamental understanding of how the Wonderware Application Server provides visualization for your plant Galaxy data using ArcestrA Symbols, by seamlessly integrating the InTouch for System Platform software. This RILT consists of recorded presentations and lab demonstrations of the training material presented in a live class. The videos are in MP4 format and are best viewed in Windows Media Player, with a screen resolution of 1280 x 1024. [Total viewing time: 11 hours 10 minutes] This course is accompanied by the Training Manual, which contains all of the labs.

[More Information](#)

## **InTouch for System Platform 2014 - Part 1 Web-Based Training**

The InTouch for System Platform 2014 – Part 1 Web-Based Training (WBT) course is designed to provide a fundamental understanding of InTouch for System Platform. The WBT consists of recorded presentations and demonstrations of the training material present in a live class. This course is best viewed with a screen resolution of 1280 x 1024. [Total viewing time: 9 hours, 22 minutes.] The course is accompanied by the training manual, which contains all of the labs, as well as student files to support the labs.

[More Information](#)

## **InTouch for System Platform 2014 - Part 2 Web-Based Training**

The InTouch for System Platform 2014 - Part 2 Web-Based Training (WBT) course is designed to provide a continued understanding of how Wonderware Application Server provides visualization for your plant Galaxy data using ArcestrA symbols within the Wonderware InTouch for System Platform software. This course is a continuation of the subjects and themes of the InTouch for System Platform 2014 - Part 1 course and continues to illustrate the use of visualization tools in Wonderware Application Server to provide a Human Machine Interface (HMI) utilizing connectivity to the Galaxy, graphic symbols, animations, scripting features, and functionality found in InTouch WindowMaker, ArcestrA symbols, the ArcestrA Symbol Editor, and QuickScript.NET. This WBT consists of recorded presentations and lab demonstrations of the training material presented in the live class. The videos are best viewed with a screen resolution of 1280 x 1024. [Total viewing time: 7 hours, 58 minutes] This course is accompanied by the training manual, which contains all of the written steps for the labs.  
[More Information](#)

## InTouch for System Platform 2014 R2 SP1

The InTouch for System Platform 2014 R2 SP1 course is a 5-day, instructor-led class designed to provide a fundamental understanding of how Wonderware InTouch provides visualization for plant Galaxy data using ArcestrA symbols within the Wonderware Application Server software. The focus of this course is to illustrate the use of visualization tools in Wonderware Application Server to provide a Human Machine Interface (HMI) with connectivity to the Galaxy, graphic symbols, animations, and scripting features and functionality in InTouch WindowMaker, ArcestrA symbols, the ArcestrA Symbol Editor, and QuickScript .NET. The course provides lectures and hands-on labs to provide a fundamental understanding of, and reinforce knowledge about, how to design graphics and windows; apply alarm, trending, and history controls for visualization; and secure an InTouch application.  
[More Information](#)

## InTouch for System Platform 2014 R2 SP1 Virtual Instructor-Led Training

The InTouch for System Platform 2014 R2 SP1 Virtual Instructor-Led Training course is a 5-day, instructor-led class designed to provide a fundamental understanding of how Wonderware InTouch provides visualization for plant Galaxy data using ArcestrA symbols within the Wonderware Application Server software. The focus of this course is to illustrate the use of visualization tools in Wonderware Application Server to provide a Human Machine Interface (HMI) with connectivity to the Galaxy, graphic symbols, animations, and scripting features and functionality in InTouch WindowMaker, ArcestrA symbols, the ArcestrA Symbol Editor, and QuickScript .NET. The course provides lectures and hands-on labs to provide a fundamental understanding of, and reinforce knowledge about, how to design graphics and windows; apply alarm, trending, and history controls for visualization; and secure an InTouch application.  
[More Information](#)

## InTouch for System Platform 2014 R2 eLearning Curriculum

The InTouch for System Platform 2014 R2 eLearning curriculum is a collection of eLearning courses designed to provide a fundamental understanding of how Wonderware InTouch provides visualization for plant Galaxy data using ArcestrA symbols within the ArcestrA System Platform. The focus of this curriculum is to illustrate the use of visualization tools in Wonderware Application Server to build a "Plant Model" that logically represents your processes, physical equipment and industrial systems. As you progress through the curriculum, you are guided through concepts such as: how to design graphics and windows; connecting to the Galaxy; animations; apply alarm, trending, and history controls for visualization; security for InTouch application; scripting features and functionality in InTouch WindowMaker, ArcestrA symbols, the ArcestrA Symbol Editor, and QuickScript .NET. Video demonstrations reinforce concepts and features. Duration: 14.5 hours of instruction  
[More Information](#)

## InTouch for System Platform 2014 R2 eLearning Curriculum Rev B

The InTouch for System Platform 2014 R2 eLearning curriculum is a collection of eLearning courses designed to provide a fundamental understanding of how Wonderware InTouch provides visualization for plant Galaxy data using ArcestrA symbols within the ArcestrA System Platform. The focus of this curriculum is to illustrate the use of visualization tools in Wonderware Application Server to build a “Plant Model” that logically represents your processes, physical equipment, and industrial systems. As you progress through the curriculum, you are guided through concepts such as: how to design graphics and windows; connecting to the Galaxy; animations; apply alarm, trending, and history controls for visualization; security for an InTouch application; scripting features and functionality in InTouch WindowMaker, ArcestrA symbols, the ArcestrA Symbol Editor, and QuickScript .NET. Video demonstrations reinforce concepts and features. Duration: 14.5 hours of instruction

[More Information](#)

## InTouch for System Platform 2017 BETA

The InTouch for System Platform 2017 BETA course is a 4-day, instructor-led class designed to provide an overview of the features and functionalities released with InTouch for System Platform. It covers the components and capabilities of the software, as well as topics to help you build and deploy an InTouch for System Platform visualization application. It also introduces tools for creating graphics, visualizing alarms and events, visualizing trends and history, and implementing security in an InTouch for System Platform application. Hands-on labs are provided to reinforce the knowledge necessary to use the InTouch for System Platform software. The new training materials and lab instructions for the InTouch for System Platform 2017 software will be validated during this BETA course. Your input is greatly appreciated.

[More Information](#)

## InTouch for System Platform 2017 Virtual Instructor-Led Training BETA

The InTouch for System Platform 2017 Virtual Instructor-Led Training BETA course is a 4-day, instructor-led class designed to provide an overview of the features and functionalities released with InTouch for System Platform. It covers the components and capabilities of the software, as well as topics to help you build and deploy an InTouch for System Platform visualization application. It also introduces tools for creating graphics, visualizing alarms and events, visualizing trends and history, and implementing security in an InTouch for System Platform application. Hands-on labs are provided to reinforce the knowledge necessary to use the InTouch for System Platform software. The new training materials and lab instructions for the InTouch for System Platform 2017 software will be validated during this BETA course. Your input is greatly appreciated.

[More Information](#)

## InTouch: ArcestrA Symbol Scripting

InTouch: ArcestrA Symbol Scripting is a 85-minute course intended for tag-based InTouch users that explains how to use the ArcestrA Symbol Editor's Script Editor to write ArcestrA symbol scripts. A discussion on how to use ArcestrA Symbol Predefined scripts, Named scripts, and Action scripts, as well as the ShowGraphic function, in symbol designs is also provided.

[More Information](#)

## **InTouch: How to Use ArcestrA Windows Controls on a Tag-Based InTouch Application Course**

The InTouch: How to Use ArcestrA Windows Controls on a Tag-Based InTouch Application course is a 1-hour online seminar that provides an explanation and demonstration of how to use ArcestrA Windows controls. The seminar shows the power of building rich user interfaces with the following controls: Radio Button Group, Check Box, Edit Box, Combo Box, Calendar, DateTime Picker, and List Box. This seminar discusses and demonstrates the animations, properties, and functions of these controls, but will focus specifically on those features that work on tag-based InTouch applications.

[More Information](#)

## **InTouch: Using the XML Importer**

The InTouch: Using the XML Importer online seminar is a 30 minutes, instructor-led session designed to provide you with an introduction on how to automate the creation of InTouch applications, including windows and native InTouch graphics, by using a command file and an XML file.

[More Information](#)

## **Information Server 2012: ActiveFactory Reporting Website**

Information Server 2012: ActiveFactory Reporting Website is a 1-hour eLearning course designed to provide you with the knowledge to administer, customize, and manage the creation and execution of reports with data gathered from Wonderware Historian Server. The purpose of this course is to give you the ability to understand how the Historian Client (formerly ActiveFactory) web tools can be used to report data stored in Historian Server.

[More Information](#)

## **Information Server 2012: Administration**

Information Server 2012: Administration is a 1-hour eLearning course designed to provide you with the knowledge to set up, configure, and administer your Information Server 2012 web portal. The purpose of this course is to give you the ability to understand the interaction of Information Server with the various software components that are needed by the software and to successfully administer and customize the portal.

[More Information](#)

## **Information Server 2012: ArcestrA Reports**

Information Server 2012 ArcestrA Reports is a 1-hour eLearning course designed to introduce the commonly used functions of the ArcestrA Reporting component of Information Server. The purpose of this course is to give you the ability to understand the interaction of Information Server with SQL Server Reporting Services.

[More Information](#)

## **Information Server 2012: TableWeaver**

Information Server 2012: TableWeaver is a 1-hour eLearning course designed to provide you with the knowledge to use the TableWeaver components that let you create data displays in your Information Server 2012 web portal. The purpose of this course is to give you the ability to understand the various components of TableWeaver and create various types of displays to your database or web pages.

[More Information](#)

## Information Server 2012: Visualization Integration

Information Server 2012: Visualization Integration is a 1-hour eLearning course designed to describe the tools and steps necessary to publish your InTouch windows and ArcestrA graphics onto an Information Server web portal for Internet viewing. The purpose of this course is to give you the ability to understand the different kinds of process displays that can be published to an Information Server 2012 portal, and how the portal Administrator can allow the interaction of the published content with the process.

[More Information](#)

## Information Server 2014 R2 Virtual Instructor-Led Training

The Information Server 2014 R2 Virtual Instructor-Led Training course is a 3-day, virtual instructor-led class designed to provide a fundamental understanding of the features and functionality of Wonderware Information Server 2014 R2. This course provides lectures and hands-on labs designed to provide an early learning experience. The class will demonstrate how to use Information Server to set up and configure your web portal, develop an Information Server system to retrieve and monitor the plant-wide production information, organize the information into various effective and well-designed formats, and manage the access security to the information.

[More Information](#)

## Information Server: OverView

Information Server: OverView is a 1-hour 45-minute eLearning course that provides lectures and demonstrations on the new features in the Information Model and OverView. This course includes details on how to use the Information Model Configuration Tool, construct an Information Model using multiple data sources, data items, and build relationships as sub-components that can then be viewed using OverView as a web client tool.

[More Information](#)

## IntelTrac 2014 R2 for Super Users Rev D Virtual Instructor-Led Training

The IntelTrac 2014 R2 for Super Users Rev D Virtual Instructor-Led Training is a 3-day, instructor-led class that provides lectures and hands-on labs designed to provide a basic understanding of Wonderware IntelTrac Software. IntelTrac is a suite of configurable software and ruggedized mobile hardware products that provides workflow management, procedural and general task management capabilities typically focused around plant operations, maintenance management, and production tracking and compliance applications to mobile field workers. This course addresses the fundamental concepts of setting up security and bases, creating groups and users, creating data filters, setting up assets, and developing and working with shifts and schedules. In addition, the course covers working with Procedure Builder for procedure configuration and management, List Manager, Mobile IntelTrac, and Auditor Plus. This course also discusses integration capabilities with the Wonderware System Platform.

[More Information](#)

## Intelligence 2014 R3 Rev B Virtual Instructor-Led Training

The Intelligence Virtual Instructor-Led Training course is a 2-day, instructor-led online class designed to provide a fundamental understanding of the features and functionality of Intelligence 2014 R3. The class provides lectures and hands-on labs to supply and reinforce the knowledge necessary to use Intelligence to access, aggregate, contextualize (provide relationships), and visualize plant data from disparate data sources. This course addresses the configuration of the main Intelligence elements to deploy and execute the Intelligence model and covers the client tools used for content authoring, visualization, sharing, and collaboration.

[More Information](#)

## Intelligence 2014 R3 Rev C Virtual Instructor-Led Training

The Intelligence course is a 2-day, online instructor-led class designed to provide a fundamental understanding of the features and functionality of Intelligence 2014 R3. The class provides lectures and hands-on labs to supply and reinforce the knowledge necessary to use Intelligence to access, aggregate, contextualize (provide relationships), and visualize plant data from disparate data sources. This course addresses the configuration of the main Intelligence elements to deploy and execute the Intelligence model and covers the client tools used for content authoring, visualization, sharing, and collaboration.

[More Information](#)

## Introduction to Application Server

The Introduction to Application Server is an eLearning training course that provides an overview of the Wonderware Application Server. A demonstration is provided to reinforce the information presented in this course.

[More Information](#)

## Introduction to Historian Server Rev B

Introduction to Historian Server Rev B is a 45-minute eLearning course designed to introduce and familiarize learners with Historian Server. This course provides an overview of Historian Server and discusses its major components and features, including reporting and data analysis.

[More Information](#)

## Introduction to InTouch

The Introduction to InTouch course is designed to introduce and familiarize viewers with the Wonderware InTouch software. InTouch allows users to quickly create standardized, reusable Human Machine Interface or HMI applications and deploy them across an entire enterprise. This 45-minute course will discuss and provide demonstrations of the three major software components of InTouch: InTouch Application Manager, InTouch WindowMaker, and InTouch WindowViewer. Video demonstrations will show how to: Create a Modern Application Link to I/O Data Create a tagname Create a window Add graphics Present live data in runtime

[More Information](#)

## Introduction to InTouch for System Platform

The Introduction to InTouch for System Platform is a 37 minute eLearning training course that provides an overview of Wonderware InTouch for System Platform. Demonstrations are provided to reinforce the information presented in this course. [More Information](#)

## Introduction to MES

The Introduction to MES is a 1-hour, eLearning course that explains Manufacturing Execution System (MES). The course provides a fundamental understanding of the role and features of MES in a manufacturing environment and the three MES product offerings of the Wonderware MES software (Operations, Performance, and Quality). Other topics covered in this module are the components of MES, how to integrate MES in a System Platform installation, and the required hardware, software and product licensing. [More Information](#)

## Introduction to Skelta BPM

Introduction to Skelta BPM is a 30-minute eLearning course that provides a basic understanding of the software as an extension to Business Process Management (BPM) strategies. The course provides lectures and demonstrations on the software features, including the main capabilities, processes and workflows, components, and connectors. A description of the applications and repositories is also provided. [More Information](#)

## Introduction to Skelta BPM Business Activity Monitoring

Introduction to Skelta BPM Business Activity Monitoring (BAM) is a 55-minute eLearning course that provides a basic overview of the reporting capabilities of Skelta, including viewing built-in reports, modifying the display of built-in reports, and creating KPI reports. [More Information](#)

## Introduction to Skelta BPM Forms

Introduction to Skelta BPM Forms is a 2-hour, 15-minute eLearning course that provides a basic overview of creating Forms and the use of Forms in Workflows. In this course, you will learn how to create Forms and how to manage and publish Forms. An explanation of some of the form controls and their properties is also provided. [More Information](#)

## Introduction to Skelta BPM Security

Introduction to Skelta BPM Security is a 60-minute eLearning course that provides a basic understanding of the security features and settings available in the application and how to create and manage users. The course provides lectures and demonstrations on the software security features, including the main capabilities, views, rights, and tools. A description of setting up a repository with security is also provided.

[More Information](#)

## Introduction to Skelta BPM Workflows

Introduction to Skelta BPM Workflows is a 1-hour, 45-minute eLearning course that provides a basic overview of creating workflows and the use of the workflow tools in Skelta BPM. In this course, you will learn how to create workflows and how to manage and publish workflows. An explanation of the activity categories and their properties is also provided.

[More Information](#)

## Introduction to the Skelta BPM Connector and Extension for System Platform

Introduction to the Skelta BPM Connector and Extension for System Platform is a 30-minute eLearning course that introduces and explains the available Connector and Extension for System Platform. It provides an overview of their proper usage and main capabilities. A description of the Connector and Extension and their associated components is also provided.

[More Information](#)

## Line Performance Suite

Line Performance Suite is a 2-hour, 15-minute eLearning course that introduces the Line Performance Suite, including the basic features provided with Line Performance, design and architectural concepts, and licensing information. It explains how to install and configure Line Performance, as well as use it in runtime and integrate it with existing solutions.

[More Information](#)

## MES 2014 R2 - Operations Virtual Instructor-Led Training

The MES 2014 R2 – Operations Virtual Instructor-Led Training course is a 4-day, instructor-led class designed to provide a fundamental understanding of the features and functionality of Wonderware MES Software/Operations. This course provides lectures and hands-on labs designed to supply and reinforce the knowledge necessary to use MES Operations to configure and define an operations model, products, and production capabilities. The class will demonstrate parameter download/upload and data collection, as well as how to report traceability and genealogy information. The course will also cover integration between MES Operations and System Platform.

[More Information](#)

## MES 2014 R2 - Performance Virtual Instructor-Led Training

The MES 2014 R2 – Performance course is a 3-day, instructor-led class designed to provide a working knowledge of the features and functionality of Wonderware MES 2014 R2/Performance. The course uses lectures and hands-on labs to provide the knowledge needed to use Wonderware MES/Performance. The class will demonstrate how to configure and deploy a data collection system to analyze and report equipment utilization, availability, quality, and performance using Application Server objects. Both the MES Client and Web Portal will be addressed.

[More Information](#)

## MES 2014 R2 - Quality Virtual Instructor-Led Training

The MES 2014 R2 – Quality Virtual Training is a 3-day, instructor-led class designed to provide a fundamental understanding of the features and functionality of Wonderware MES Software/Quality. The course provides lectures and hands-on labs to supply and reinforce the knowledge necessary to use Wonderware MES Software/Quality to address the configuration and deployment of a data collection system, which allows for the analysis and reporting of Quality Management data using a Sample Recording Object.

[More Information](#)

## MXAccess Toolkit - Overview

The MXAccess Toolkit Online Seminar is a 1-hour, instructor-led seminar which discusses how the new Local Message Exchange (LMX) Proxy Function Library is used to read and write data from the Industrial Application Server Galaxy, as well as how to access data easily from any application built with Visual Studio. The LMX Proxy Function Library provides programmatic access to extract and write values from single and array elements, as well as integration with Archedra security. The LMX Proxy Function Library can be used within stand-alone .NET applications, as well with ActiveX Controls.

[More Information](#)

## Migrating From InTouch 9.5 to InTouch 10 Managed Applications

Migrating From InTouch 9.5 to InTouch 10 Managed Applications Online Seminar – This instructor-led seminar will give you an overview of how to migrate existing InTouch applications to the Integrated Development Environment (IDE), resulting in an InTouch Managed Application. This migration allows you to take advantage of the Archedra Graphics features of InTouch 10.0, as well as the centralized development capabilities of the IDE. Approximate duration: 10 minutes This seminar is applicable through InTouch 2012.

[More Information](#)

## Multi-Galaxy Communications

The Multi-Galaxy Communications training is a 30 minute video which explains how to access multiple Galaxies by using the Archedra Service Bus. Live demonstrations are included to increase your knowledge of these tools and processes.

[More Information](#)

## New Animations Using Archedra Graphics

New Animations Using ArcestrA Graphics – This instructor-led online seminar introduces some of the new types of animations possible using ArcestrA Graphics. These animations include scripting combinations, object properties, and new animation link types, all to achieve animations never before possible in an InTouch application. Specifically the seminar covers how to resize and object to make it shrink or grow on mouse over, and how to use the new Animation Link 'Show Symbol'. Approximate Duration: 20 minutes

[More Information](#)

## Object I/O Access

Object I/O Access is a 60-minute eLearning course that provides explanations and demonstrations of the Automatic IO Binding feature introduced in Application Server 2014 R2. This course includes the following topics: What is Automatic I/O Binding, How I/O Auto Assignment (Automatic IO Binding) is different from assigning attribute I/O addresses manually, using IO Devices and IO Device Mapping panes in Application Server.

[More Information](#)

## Object I/O Assignment through Scripting

The Object I/O Assignment through Scripting training is a 30 minute web-based training which explains how to assign I/O objects using scripts. A demonstration is provided to enhance your knowledge of this subject.

[More Information](#)

## Operations Management Interface for System Platform 2017 Virtual Instructor-Led Training BETA

The Operations Management Interface for System Platform 2017 BETA course is a 4-day, instructor-led class designed to provide an overview of the features and functionalities released with Operations Management Interface for System Platform. It covers the components and capabilities of the software, as well as topics to help you build and deploy an Operations Management Interface for System Platform visualization application. It also introduces tools for creating graphics, visualizing alarms and events, visualizing trends and history, and implementing security in an Operations Management Interface for System Platform application. Hands-on labs are provided to reinforce the knowledge necessary to use the software. The new training materials and lab instructions for this course will be validated during this BETA course. Your input is greatly appreciated.

[More Information](#)

## Platform Manager

The Platform Manager training is a 30 minute course that explains what the Platform Manager is, and how to use it.

[More Information](#)

## QI Analyst 8.0 Recorded Instructor Led Training

The Wonderware QI Analyst 8.0 Software course is a Recorded Instructor-Led Training that provides a basic overview of Wonderware QI Analyst 8.0 software. This training discusses Statistical Process Control (SPC) charts and powerful statistical procedures that identify variations and help a production line run smoothly. These powerful statistical tools automatically test data against statistical rules to detect trends, runs, patterns, and outliers; the software immediately charts and identifies violations. This training also discusses the steps to create customizable alarm alerts. These alarms help users to solve quality problems immediately when any unnatural violations occur in the data. The course includes demonstrations that supply and reinforce the knowledge needed to install, configure, customize, and link to Wonderware QI Analyst 8.0 software. Students will then perform the labs after viewing the demonstrations.

[More Information](#)

## Rearranging the Derivation Tree

The Rearranging the Derivation Tree training is a 5 minute video that explains how to take an object created with one template and apply a different template to that object in the ArchedrA IDE.

[More Information](#)

## Recipe Manager Plus 2014 R3

Recipe Manager Plus 2014 R3 is a 2-hour and 47-minute eLearning training course that provides an overview of the application and concepts of creating Formulas, Equipment, and Recipes. This course describes how to integrate and configure Recipe Manager Plus with Application Server. Lectures and video demonstrations are provided to enhance your learning experience.

[More Information](#)

## Recipe Manager Plus 2014 Web-Based Training

The Recipe Manager Plus 2014 Web-Based Training (WBT) course is recorded instructor-led training designed to provide a fundamental understanding of the features and functionality of Recipe Manager Plus. This course introduces the Recipe Manager Plus product and provides an orientation regarding installation, architecture, configuration, and licensing. This course instructs in detail how to create recipe models, execute recipe models through Application Server, and configure and create client connections from InTouch using an imbedded web browser control. This course consists of recorded presentations and demonstrations. The videos are best viewed with a screen resolution of 1280 x 1024. [Total viewing time: 1 hour, 40 minutes]

[More Information](#)

## Recipe Manager Plus 2017

Recipe Manager Plus 2017 is a 3-hour eLearning course that describes how to install and configure the software, create recipe models, create roles and grant permissions, integrate with Wonderware Application Server, embed client connections in Wonderware InTouch, and view reports. Additionally, this course provides an overview of the application, concepts of creating keyword filters, formula templates, formulas, equipment, and recipes.

[More Information](#)

## Recipe Manager with Node Security

The Recipe Manager with Node Security eLearning course is a 10-minute video that explores how to implement node-based access with Recipe Manager.

[More Information](#)

## Remote Response Objects

This online seminar provides an overview of the capabilities and use of the Wonderware Remote Response Objects 1.0. The two Remote Response Objects work together to send alarms from ArcestrA objects as e-Mail and/or SMS messages. Clients receiving these alarms can reply and acknowledge the alarms via e-mail clients and mobile phones. These objects provide the capability of instant, up-to-date remote alarm notifications from the Galaxy with detailed configurable alarm information and flexible response methods. This effectively exposes process, manufacturing, and SCADA alarm information from the Galaxy to remote operators and managers. Seminar subjects will include system requirements and installation, general configuration and operation, and a simple demonstration/tutorial of how to quickly set up a test application for the Remote Response Objects.

Approximate duration: 60 minutes.

[More Information](#)

## Runtime Language Switching for Modern InTouch Applications

Runtime Language Switching for InTouch Modern Applications is a 25 minute eLearning course that explains how translate text objects and buttons in InTouch windows and alarms into a different language. The process of configuring additional languages, exporting dictionaries, translating dictionaries, importing dictionaries, and switching a different language at runtime is demonstrated.

[More Information](#)

## Runtime Language Switching for System Platform

Runtime Language Switching for System Platform is a 35 minute eLearning course that explains how to translate text within ArcestrA Graphics and alarms into a different language in InTouch for System Platform. The process of configuring additional languages, exporting dictionaries, editing dictionaries, importing dictionaries, and switching a language at runtime is demonstrated.

[More Information](#)

## Schneider Electric Software Licensing Overview

The Schneider Electric Software Licensing Overview is a 45-minute eLearning course that explains how to leverage the Schneider Electric License Manager and License Server. This course demonstrates how to reserve and activate licenses, view license usage, and understand a grace period, all by using the licensing system that consists of a web-based License Manager and License Server.

[More Information](#)

## Scripting ArcestrA Symbols to Grow/Shrink

Scripting ArcestrA Symbols to Grow/Shrink is a 30-minute eLearning course that explains how to write scripts to manipulate the width and height properties of graphic elements in Runtime. Grow/Shrink acts as a zoom feature, which allows an operator to interact with a symbol to increase or decrease its size on demand.

[More Information](#)

## Setting Up Communications with the ABCIP DAServer

The Setting Up Communications with the ABCIP DAServer training is a 5 minute video which explains how to set up a DAServer using the Allen Bradley ControlLogix PLC through ethernet (ABCIP).

[More Information](#)

## Setting Up Communications with the MBTCP DAServer

The Setting Up Communications with the MBTCP DAServer training is a 5 minute video which explains how to set up a DAServer using the Modbus PLC through ethernet (MBTCP).

[More Information](#)

## Skelta BPM 2014 Overview Virtual Instructor-Led Training

The Skelta BPM 2014 Overview Virtual Instructor-Led Training course is a 3-day, virtual instructor-led class designed to provide a basic understanding of the software as an extension to Business Process Management (BPM) strategies to create end-to-end manufacturing scenarios spanning across systems and human workforces. The class provides lectures and hands-on labs to illustrate the configuration, definition, execution, and analysis of workflows using the System Platform Extension and Connector for integration with Application Server. This course uses the Skelta BPM 2014 software and the ArcestrA Workflow 2012 Overview course materials.

[More Information](#)

## Skelta BPM 2014 R2 Connector and Extension for System Platform eLearning Curriculum

The Skelta BPM 2014 R2 Connector and Extension for System Platform eLearning curriculum is a collection of eLearning courses focused on the features of the Skelta BPM Connector and Extension for System Platform. The curriculum provides a fundamental understanding of the components of the Skelta BPM Connector and Extension for System Platform and the usage of these components. As you progress through the curriculum, you are guided through installation, importing, and the functionality of the Connector and Extension components. Video demonstrations reinforce concepts and features. Duration: 2 hours and 40 minutes of instruction

[More Information](#)

## Skelta BPM 2014 R2 Overview eLearning Curriculum

The Skelta BPM 2014 R2 eLearning curriculum is a collection of eLearning courses focused on Skelta BPM application design. The curriculum provides a fundamental understanding of the Wonderware Skelta software, the usage of workflows, forms, and reports. As you progress through the curriculum, you are guided through security, layout, best practices, concepts, features, and functions of the Skelta software. Video demonstrations reinforce concepts and features. Duration: 6 hours and 25 minutes of instruction

[More Information](#)

## Software Asset Manager 3.0 SP1

Software Asset Manager (SAM) 3.0 SP1 is a 1½-hour eLearning course that walks through how to use SAM in a typical production environment. This interactive online course describes the features of SAM and the benefits it offers. It demonstrates how to install SAM and provides an overview of the SAM workflow. It also includes a section on SAM's technical aspects for high-level diagnostics and troubleshooting. This training discusses: SAM Product Overview Preparation and Installation Using the SAM Client Using the Software Discovery Tool Using the SAM Offline Utility Using the Citect License Utility Creating SAM Reports SAM Technical Overview By the completion of this online course, students will be fully versed and capable of implementing SAM for their Schneider Electric software license inventory and patch management needs.

[More Information](#)

## Symbol Construction Using Graphic Tools

Symbol Construction Using Graphic Tools is a 2-hour and 30-minute eLearning course that explains how to animate and use properties of a custom built symbol using graphic tools in the ArcestrA Symbol Editor. This course will help designers to construct their own custom symbol, when they cannot find a symbol in the ArcestrA Graphic Library that is already built to do what they need. Demonstrations will show how to add animations and custom properties to custom graphics built using tools in the ArcestrA Symbol Editor. Additionally, this course will explain how to optimize WindowViewer, when working with custom built animations.

[More Information](#)

## Symbol Construction Using the Graphic Library

Symbol Construction Using the Graphic Library is a 70-minute eLearning course that explains how to create an ArcestrA Symbol to represent an industrial process. This course will demonstrate how to visualize these processes using pre-built symbols from the Situational Awareness Library.

[More Information](#)

## Symbol Wizard

Symbol Wizard ist ein 20-minütiges eLearning-Seminar. In diesem Kurs wird gezeigt, wie im „ArcestrA Graphic“ – Editor, neue oder bereits existierende ArcestrA Graphics um die „Symbol Wizard“ - Funktionalität erweitert werden können. Symbol Wizard is a 20 minute eLearning course that explains how to create or enhance ArcestrA Graphics using the Symbol Wizard.

[More Information](#)

## System Platform: Providing IT Information

This online seminar is designed to provide explanations and examples on how ArcestrA object attributes can be used to monitor and manage computers in an industrial control system. Approx. duration: 40 minutes

[More Information](#)

## The \$WorkflowGateway Object

The \$WorkflowGateway Object is a 30-minute eLearning course that will provide you with the basic understanding of how the \$WorkflowGateway object is configured in the application. This course provides lectures and demonstrations on the software features, including its main capabilities.

[More Information](#)

## The ArcestrA IDE

The ArcestrA IDE eLearning is a 60-minute course designed to familiarize you with the ArcestrA IDE (Integrated Development Environment) views, toolboxes, menus, and main features.

[More Information](#)

## The Runtime Environment

The Runtime Environment is a sixty-minute eLearning course that explains the Runtime Environment and the Object Viewer. This includes using Object Viewer as a diagnostic tool to monitor how applications are running your application objects and how to modify their attribute values. You will then create, rename, and save watch lists.

[More Information](#)

## Understanding the Application Engine

The Understanding the Application Engine training is a 1 hour video which explains the Application Engine, configuration options, tuning, and best practices. Subjects covered include scan states, process order, interrupts, and performance ratio.

[More Information](#)

## Unified Attribute Name Space Rev B

The Unified Attribute Name Space course is a 30-minute eLearning course that provides explanations and demonstrations of the Attribute tab introduced in Application Server 2014 R2. This course includes the following topics: Attributes and what they are used for; differences in attributes before and after Application Server 2014 R2; Features of the Attribute such as Data Type, Description, Alarms, I/O, History, Diagnostics; creating, duplicating, and deleting attributes; definitions of the Security and Lock options; and a thorough explanation of the Attribute Name List including the icon indicators and filter capabilities.

[More Information](#)

## Upgrading UDAs, Extensions, and Field Attributes to Attributes

Upgrading UDAs, Extensions, and Field Attributes to Attributes is a 30-minute eLearning course on upgrading objects with User Defined Attributes and extensions, as well as upgrading User Defined Objects with Field Attributes to Application Server 2014 R2 Patch 1 or later. The course discusses and provides a demonstration of the way attributes are defined in Application Server and describes the Attributes tab as it relates to the User Defined Attributes and Field Attributes in Legacy versions.

[More Information](#)

## Using ArcestrA Symbols with InTouch Tags

Using ArcestrA Symbols with InTouch Tags is a 90-minute eLearning course that provides an explanation of how to use the ArcestrA Graphic Toolbox within a Modern InTouch Application. Demonstrations will be provided to show how Custom Properties of ArcestrA symbols are linked to Tags, .Dotfields, and expressions. Students will be able to explain the selection of InTouch tag types to match the data types used in ArcestrA Symbols. Using an example from the Situational Awareness Library, learners will be able to explain how to set Wizard Options for symbols designed using the Symbol Wizard and the effects that Wizard Options have on the final appearance and behavior of an embedded ArcestrA Graphic.

[More Information](#)

## Using ArcestrA Symbols with InTouch Tags 2014 R2 SP1

Using ArcestrA Symbols with InTouch Tags is a 90-minute eLearning course that explains how to use the ArcestrA Graphic Toolbox with a Modern InTouch Application. Demonstrations will be provided to show how custom properties of ArcestrA Symbols are linked to tags, tag .dotfields and expressions. Students will be able to explain the selection of InTouch tag types to match the data types used in ArcestrA Symbols. Using an example from the Situational Awareness Library, learners will be able to explain how to set Wizard Options for symbols designed using the Symbol Wizard and the effects that Wizard Options have on the final appearance and behavior of an embedded ArcestrA Graphic.

[More Information](#)

## Using ArcestrA Symbols with Objects

Using ArcestrA Symbols with Objects is a 30-minute eLearning course that explains the basics of implementing ArcestrA Symbols within the definition of System Platform Objects. This will include the usage of relative references and owning object capabilities of ArcestrA Symbols. This course will be presented in the form of recorded lectures and demonstrations.

[More Information](#)

## Using FactorySuite Gateway

Using FactorySuite Gateway – this instructor-led seminar will introduce the functionality, configuration, and troubleshooting of the FactorySuite Gateway, whose primary function is protocol conversion. FactorySuite Gateway can be used to link clients and data sources that communicate using different data access protocols. FactorySuite Gateway allows Windows application programs access to data from a variety of data sources. The supported protocols of these data sources are OPC, SuiteLink, DDE, FastDDE, and ArcestrA Message Exchange (MX). FactorySuite Gateway provides features such as the ability to communicate over multiple application-level protocols at the same time; the ability to add new application-level protocols on the fly; remote configuration; and robust diagnostic capabilities. Approximate duration: 1 hour

[More Information](#)

## Using the Quality and Status Functions of ArcestrA Graphics

Using the Quality and Status Functions of ArcestrA Graphics – This instructor-led seminar will introduce you to the Quality and Status functions of ArcestrA® Graphics. You will learn how to implement the Status object within ArcestrA® Graphics. You will also learn how to configure the Galaxy to use graphical overrides for graphics using the Status object. Approximate Duration: 10 minutes

[More Information](#)

## Visualization Security

Visualization Security is a 1-hour, 36-minute eLearning course that describes how to implement ArcestrA security through ArcestrA graphics in a Managed InTouch application. It also demonstrates how to interact with InTouch security-related system tags and native functions with ArcestrA graphics.

[More Information](#)

## What's New in Application Server 2017

The What's New in Application Server 2017 course is a 1-day, instructor-led class designed to provide an overview of new features and functionalities provided with Application Server 2017. It covers overall improvements and new features, including Object Wizards, Linked Symbols, and Visual Build. Hands-on labs are provided to reinforce the knowledge necessary to use the new features.

[More Information](#)

## What's New in Application Server 2017 Virtual Instructor-Led Training

The What's New in Application Server 2017 Virtual Instructor-Led Training course is a 1-day, instructor-led class designed to provide an overview of new features and functionalities provided with Application Server 2017. It covers overall improvements and new features, including Object Wizards, Linked Symbols, and Visual Build. Hands-on labs are provided to reinforce the knowledge necessary to use the new features.

[More Information](#)

## What's New in Application Server 2017 Virtual Instructor-Led Training BETA

The What's New in Application Server 2017 Virtual Instructor-Led Training course is a 1-day, instructor-led class designed to provide an overview of new features and functionalities provided with Application Server 2017. It covers overall improvements and new features, including Object Wizards, Linked Symbols, and Visual Build. Hands-on labs are provided to reinforce the knowledge necessary to use the new features.

[More Information](#)

## What's New in InTouch HMI 2017 Overview

What's New in InTouch HMI 2017 Overview is a 75-minute eLearning course that introduces and explains the new features of InTouch HMI 2017. This course covers general improvements to InTouch HMI, new features, and new Schneider Electric licensing. Video lectures and demonstrations are provided to enhance your knowledge of these subjects.

[More Information](#)

## What's New in InTouch HMI 2017 eLearning Curriculum

What's New in InTouch HMI 2017 is a collection of eLearning courses designed to explain the new features included in the InTouch HMI 2017 software. This curriculum covers all the major and minor software improvements, as well as a variety of smaller product changes to InTouch. These courses use software demonstrations and examples, to highlight the major product improvements and changes. As you progress through the curriculum, you are guided through concepts such as: how to create a Modern InTouch Application with an Application Template, how to configure a target resolution for an application that is developed on a computer with a screen resolution that is different than the target computer, how to create and use touch screen gestures in InTouch using Frame Windows, and describes the new features of the enhanced Script Editor and Enhanced Alarm Client. Duration: 4.5 hours of instruction

[More Information](#)

## What's New in InTouch HMI 2017: Application Creation

What's New in InTouch HMI 2017: Application Creation is a 45 minute eLearning course that explains how Application Templates allow an application to be built from a mature starting point, saving significant time when creating a new Modern Application. The course goes on to explain how Target Resolution provides a means to control the width and height of an application when developing on a computer with a resolution that is different than the production environment where the application will be run. Video lectures and demonstrations are used to reinforce these concepts.

[More Information](#)

## What's New in InTouch HMI 2017: Frame Windows

What's New in InTouch HMI 2017: Frame Windows is an 80-minute course that explains the new Frame window feature of the InTouch 2017 HMI. This course explains how to design and use Frame windows, which support touch screen gestures such as swipe and pinch to pan and zoom ArchedrA graphics. Additionally, this course will discuss considerations when using the new InTouch Frame window feature.

[More Information](#)

## What's New in InTouch HMI 2017: Script Editor

What's New in InTouch HMI 2017: Script Editor is a 50-minute course that explains the enhancements to the InTouch Script Editor. This course will describe the software improvements in InTouch WindowMaker that will make it easier for application developers to create and edit scripts. Video lectures and demonstrations are used to reinforce these concepts.

[More Information](#)

## Wonderware ArcestrA Reusable Objects

The Wonderware ArcestrA Reusable Objects seminar provides the participant with a fundamental understanding of how to create objects in the Wonderware Industrial Application Server product that gather information from their containers. The concept of reusable objects is covered along with examples of simple data gathering objects and their usage. A sample Averager object is demonstrated and a technique is shown that allows the developer to set the execution order between objects. Approximate duration: 25 minutes.

[More Information](#)

## Workflow Client Controls for InTouch for System Platform

Workflow Client Controls for InTouch for System Platform is a 25-minute eLearning course that will provide you with the basic understanding of the Workflow Client Controls and how they are used in the application. This course provides lectures and demonstrations on the software features, including its main capabilities.

[More Information](#)