

#### ActiveFactory™ Software

**ActiveFactory™ Software 9.0 Delta** – This course is designed to provide the participant with a fundamental understanding of the ActiveFactory™ Trend, Query, Report, Workbook and Reporting Website changes introduced in version 9.0. ActiveFactory™ Software is a collection of reporting tools used to display and analyze plant data captured in the IndustrialSQL Server™ Historian. *Approximate duration – 1 hour*

**ActiveFactory™ 8.5 to 9.2 Migration** - this online seminar will discuss key considerations when migrating from ActiveFactory 8.5 to 9.2, including: use of old .CRV files in ActiveFactory Trend, use of old Workbook and Report documents, implementation of the new ActiveX objects in InTouch®, and how to work with the new implementation of the Reporting Website in the Wonderware Information Server™. The new features of ActiveFactory 9.2 will also be discussed, including improved analytics that include an X/Y scatter plot, easily identified process deviations, support for the new data retrieval modes introduced with the Wonderware Historian™ 9.0, and an easier to use time picker. *Approximate duration: 1 hour*

**ActiveFactory™ 9.2 What's New** – this instructor-led seminar will discuss the new features of ActiveFactory 9.2 including improved analytics which include an X/Y scatter plot, easily identified process deviations, support for the new data retrieval modes introduced with the Wonderware Historian™ 9.0, the relocation of the ActiveFactory Reporting Website to Wonderware Information Server 3.0, and an easier to use time picker. *Approximate duration: 1 hour*

#### InTouch® HMI

**InTouch® 10.0 - What's New** – This online Seminar is designed to provide you with a fundamental understanding of the new features of the InTouch 10.0 product. These features include tighter integration with the Wonderware ArchestrA environment, the ability to install the ArchestrA Integrated Development Environment (IDE) with InTouch to centrally manage InTouch applications in a Galaxy Repository, and a newly updated development interface. The ArchestrA IDE includes the new Symbol Editor, the Graphics ToolBox, and the InTouchViewApp object template that can be used with InTouch 10.0. These new tools and improvements will enhance development and deployment of InTouch applications. *Approximate duration – 2 hours*

**InTouch® Alarm Basics** – This online seminar provides an overview of single node InTouch alarming, including alarm/event definition and alarm acknowledgement. Other subjects will include using and configuring the alarm objects, alarm inhibition, and alarm dot fields. 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. This session is intended for the new InTouch User. *Approximate duration - 1.5 hours*

**InTouch® HMI Alarms: Alarm Databasing** – this online Seminar provides 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. *Approximate duration - 1.5 hours*

**InTouch® Alarms: Distributed Alarming** – this online seminar will provide an overview of multiple node InTouch alarming. Subjects will include alarm provider / consumer connectivity, alarm acknowledgement models, alarm suppression, the alarm hotbackup manager, and using the alarm tree viewer 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. This session is intended for the new InTouch User. *Approximate duration: 1.5 hours*

**InTouch® / DAServer Configuration** – This online Seminar discusses installation and configuration of DAServers for InTouch. It will clarify the key differences between DAServers and IO Servers, and discuss the appropriate applications of each communication method. The new DAServers enable connectivity using industry-standard OPC protocol. An added benefit is the enhanced diagnostics that are available compared to legacy IO servers. *Approximate duration – 1 hour*

**InTouch® HMI / IndustrialSQL Server™ Historian – Migrating from InTouch History to InSQL History** – Though the IndustrialSQL Server™ Historian has been available for many years, only recently have tools been available to transform older InTouch® HMI historical log files (.LGH/.IDX files) into the IndustrialSQL Server™ Historian Database. This capability, along with other existing functionality, gives the user the opportunity to move completely away from InTouch® HMI as a historian and use the advanced capabilities of IndustrialSQL Server™ Historian, without losing any previously recorded historical data. This seminar will provide the information required for the user to plan the steps necessary to integrate their InTouch® HMI Application with IndustrialSQL Server™ Historian as their primary history repository, and to perform the steps necessary to log their InTouch® HMI historical log files (.LGH/.IDX files) into the IndustrialSQL Server™ Historian Database. *Approximate duration – 2.5 hours*

**InTouch® HMI Migration** – InTouch® HMI software has a long history of ease of use. This online seminar is designed to help long time InTouch users make full use of their current applications in the latest version of InTouch. It will give you overview information with recommendations and references for specific instructions where appropriate. *Approximate duration – 2.5 hours*

**InTouch® 9.5 New Alarm Objects and Functionality** – This instructor-led seminar discusses the Alarm Tree Viewer ActiveX and Alarm Pareto ActiveX Controls.

- The Alarm Tree Viewer ActiveX Control shows the alarm group hierarchy of alarm providers selected by an alarm query, allowing you to show the alarm group hierarchy in a graphical representation and to 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.
- The Alarm Pareto ActiveX Control allows you to analyze which alarms and events occur most frequently in a given production system, and to 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. *Approximate duration – 30 minutes*

**InTouch® Runtime Language Switching** – This instructor-led seminar discusses the new Runtime Language Switching feature in InTouch® HMI 9.5. 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. *Approximate duration – 30 minutes*

**InTouch® Troubleshooting** – This seminar discusses many of the most common issues encountered by new and seasoned InTouch users, and their suggested solutions. It will clarify the key order of product installation, use of the SMC Logger, the Script debugger, and Anti-Virus software, as well as the Cross Reference Utility. The Wonderware Technical Support website will be reviewed, where downloads and a searchable Knowledge Base are available. Several other topics will also be discussed, and an opportunity for participants to ask questions will be provided. *Approximate duration – 1 hour*

**InTouch® HMI 9.5 – What's New** – This course is designed to provide the participant with a fundamental understanding of the new features of the InTouch® HMI 9.5 product; such as Scripting and Usability Enhancements, Pan and Zoom, Default Font Management, Manual Positioning and Sizing, I/O Failover, and Runtime Language Switching. *Approximate duration – 1 hour*

**NEW in  
January**

**Traditional InTouch® Scripting vs. ArchestrA Graphics Scripting** – This instructor-led seminar will describe and explain the key similarities and differences in the scripting types and editors. During this seminar, the significant differences in the scripting editors, dealing with character insert buttons and intuitive error messages will be discussed. You will learn about animation scripting and key scripting types associated with ArchestrA Symbols. *Approximate duration – 1 hour*

#### Miscellaneous

**Basic Control System Security** – This seminar provides insight into the overall key issues surrounding the topic of security, and discusses aspects of security required to implement security into your plant. Presented in three parts, this seminar focuses the key factors relating to secure system, security models down to the data level, and how to address specific security topics as it relates to patch management and related operating system challenges. *Approximate duration – 3 hours*

**QI Analyst: An Overview of Control Charts Online Seminar** – This instructor-led seminar will introduce you to the various control charts available in QI Analyst™. Chart types will be presented as well as examples of general usage, comparison to other chart types and a definition of statistical terms as appropriate.

*Approximate Duration: 30 minutes*

**QI Analyst: An Overview of QI Analyst Workstation Function Online Seminar** – This instructor-led seminar will introduce the capabilities of the QI Analyst™ Workstation interface. You will learn how to log in and change your password, how to work with the Navigation Assistant, how to create data editors and charts, how to customize the QI Analyst environment and how to print reports, all within the constraints of the QI Analyst Workstation interface.

*Approximate duration: 30 minutes*

**GIS and SCADA Integration using Arcestra®** – This seminar discusses how SCADAalarm software is used to provide Telephony and Terminal Services remote user access to an InTouch application. It illustrates the strengths of Wonderware products used in a geographically distributed environment like Oil and Gas, Water and Wastewater and Power Distribution markets. A number of Wonderware products are shown, including InTouch® HMI 9.5, ActiveFactory™ software, SCADAalarm™ Event Notification Software and the IndustrialSQL Server™ Historian - all integrated together using the powerful Arcestra™ Architecture and the Industrial Application Server. *Approximate duration – 30 minutes*

The **Wonderware Software Installation** Online Seminar Series is a multi-part series of online seminars which discuss how to install and, where applicable, how to upgrade the following Wonderware products:

- ActiveFactory 9.2 Software
- Arcestra License Server
- Equipment Operations Module
- Equipment Performance Module
- InTouch 10.0 Installation – Clean Install
- InTouch 10.0 Installation - Upgrade
- InTouch 10.0 - Terminal Services Version
- Wonderware Application Server 2.1
- Wonderware Historian 9.0
- Wonderware Information Server 3.0
- Wonderware Application Server 3.0
- Wonderware Application Server 3.0 Upgrade

### Wonderware Application Server

**ArchestrA Bulk Import Utility** - This seminar will provide an overview of the ArchestrA Bulk Import Utility. This utility is used to transform tag definitions from an existing HMI application, such as InTouch, into an Industrial Application Server object structure. This allows migration of an existing tag structure and parameters which saves 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 Industrial Application Server Galaxy users, as well as potential users, such as those current InTouch users considering migration to Industrial Application Server Galaxy. *Approximate duration – 2 hours*

**ArchestrA® GRAccess Toolkit API Part II** - this seminar extends the sample client application demonstrated in the **Introduction to the ArchestrA® GRAccess Toolkit API** (Part I) Online Seminar to discuss in detail some of the other object classes and methods available. *Approximate duration: 1 hour*

**ArchestrA Sequencer Object** – this online Seminar will discuss 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. *Approximate duration - 1-hour*

**Industrial Application Server 2.1 – Complex Containment vs. Complex Objects** – This course is designed to provide the participant with a fundamental understanding of an efficient application design using 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. *Approximate duration – 1 hour*

**Industrial Application Server – Tips and Tricks** – This seminar discusses tips and tricks that provide insight into how to maximize the efficiency and performance of Industrial Application Server applications by analyzing the physical structure of the Galaxy, the organization of objects representing your plant, and how these two aspects affect the execution and optimization of the Galaxy Repository. These recommendations are based on experience gained from the development of multiple projects using the ArchestrA infrastructure and the Industrial Application Server. *Approximate duration – 3 hours*

**Industrial Application Server – Troubleshooting** – This seminar discusses troubleshooting tools and techniques to allow you to address issues that may arise with IAS. Several troubleshooting case studies will be discussed, as well as applicable Wonderware and Microsoft troubleshooting tools. *Approximate duration – 1.25 hours*

**Industrial Application Server 2.1 – Overview of New Features** – This Online Seminar will discuss the new features available with Industrial Application Server 2.1. *Approximate duration – 1 hour*

**LMX Proxy Function Library Overview** – this online seminar will discuss 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 ArchestrA security. The LMX Proxy Function Library can be used within stand-alone .NET applications, as well as with ActiveX Controls. *Approximate duration: 1 hour*

**Using FactorySuite Gateway** – this 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 and it 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 ArchestrA Message Exchange (MX). FactorySuite Gateway features include the ability to communicate over multiple application-level protocols at the same time; to add new application-level protocols on the fly; remote configuration; and robust diagnostic capabilities. *Approximate duration: 1.5 hours*

**Using the Quality and Status Functions of ArchestrA® Graphics** – This seminar will introduce you to the Quality and Status functions of ArchestrA® Graphics. You will learn how to implement the Status object within ArchestrA® Graphics, and to configure the Galaxy to use graphical overrides for graphics using the Status object. *Approximate duration: 20 minutes*

**Wonderware® Application Server 3.0 - What's New** - This online seminar is designed to provide the participant with an introduction to the new features of the Wonderware Application Server 3.0 product. These new features include the addition of the new ArchestrA Symbol Editor which provides a more robust set of drawing elements, properties, and graphical integration with InTouch 10.0. In addition, the following new features will be discussed: improved organization tools in template toolbox including sub-toolsets, views that you can auto-hide and pin, floating and dockable views, improvements to deployment performance, check-in improvements, optimization of template changes to selected elements, script improvements, incremental upgrades, read-write performance improvements, redundant DIO object improvement, device integration improvements, DAServer improvements, and galaxy backup improvements. *Approximate duration – 1.5 hours*

### Wonderware® Historian 9.0 Software

**IndustrialSQL Server™ 9.0 Software Development Kit (SDK)** – This instructor-led seminar 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 and can be used within stand-alone .NET applications, as well as from within ArchestrA scripts. *Approximate duration – 1 hour*

**Wonderware® Historian 9.0 Software Development Kit (SDK) – Part 2** – this online Seminar will discuss 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 ArchestrA scripts. *Approximate duration: 1 hour*

**IndustrialSQL Server™ Historian 9.0 – What's New** – This Online Seminar will discuss the new features available with IndustrialSQL Server™ Historian 9.5. *Approximate duration – 1 hour*

**IndustrialSQL Server™ Historian: Troubleshooting: IDAS and MDAS Basics** – This instructor-led seminar will provide an overview of what a Data Acquisition Subsystem is, and how it works with Wonderware products through the use of the Wonderware IDAS (IndustrialSQL Server Data Acquisition Service) and MDAS (Manual Data Access Service). The use of the various features of IDAS and MDAS will be reviewed, and participants will be provided an opportunity to ask questions. *Approximate duration – 1 hour*

**IndustrialSQL Server™ Historian: Troubleshooting DCOM Issues** – This instructor-led seminar will discuss many of the most common issues encountered by new and seasoned IndustrialSQL Server™ Historian users with regard to DCOM usage. These include: Windows Security topics, Network Security and DCOM Permissions. Key recommendations regarding DCOM usage will be discussed. The Wonderware Technical Support website, where downloads and a searchable Knowledgebase is available will be reviewed, and participants will be provided an opportunity to ask questions. *Approximate duration – 1 hour*

**IndustrialSQL Server™ Historian: Troubleshooting: Time Synchronization, Connectivity, and FAQs** – This instructor-led seminar will discuss many of the most common issues encountered by new and seasoned IndustrialSQL™ Historian users with regards to Time Synchronization and Connectivity. These include: data loss due to Time Synchronization issues, Time Synchronization tools, use of Trace files, proper administration of Security, and proper Network configuration. Frequently asked questions and answers from the Wonderware Technical Support department will be covered. 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. *Approximate duration - 1-hour*

**Linking Foreign Databases to Microsoft SQL Server** – this seminar discusses how to view customer data within the context of Wonderware Historian data through the use of the Microsoft Linked Servers concept. This course describes how to link data contained in a standard Laboratory Information Management System (LIMS) style database to Wonderware Historian data, in addition to how to link customer data to other Wonderware databases. Linking allows you to merge existing historical data in foreign databases with Wonderware Historian data, and then view it using Active Factory client tools. *Approximate duration: 30 minutes*

#### Wonderware® Information Server

**SuiteVoyager™ 2.6 New Features** – This instructor led online seminar is designed to teach the new features available in version 2.6 of the Wonderware® web server module, such as how to configure MultiViews using Microsoft® Windows Sharepoint Portal Services technology. You will learn how to link to SuiteVoyager content available through “Favorites” or Microsoft Office applications directly, and how to access SuiteVoyager content through a Sharepoint Portal Server. *Approximate duration – 1 hour*

**Working with SuiteVoyager™ 2.5 Table Weaver** – This seminar discusses the fundamentals of working with the new Table Weaver application within SuiteVoyager 2.5 software. The Table Weaver application gives the user dynamic access to web pages and databases that have been integrated with SuiteVoyager software. This dynamic access consists of database queries with wildcard parameters; embedded links from one database to another; unique indicators for defined column values; and multiple formats for data displays including custom tables, bar charts, line charts and pie graphs. This course will instruct the SuiteVoyager administrator in the methods and options for creating Table Weaver content for their SuiteVoyager 2.5 Web Portal. *Approximate duration – 2.5 hours*

**Wonderware® Information Server 3.0 What's New** – this instructor-led seminar will discuss the new features of Wonderware Information Server 3.0, formerly known as SuiteVoyager. Information Server version 3.0 adds integration with Microsoft SQL Server 2005 Reporting Services, support of InTouch SmartSymbols in Table Weaver allowing exciting visual displays of process data, support of Web Part technology for publishing Wonderware content in other web applications, and improved performance of InTouch process graphics when using Industrial Application Server. The new licensing system which enforces system based licensing will be discussed. Information Server 3.0 fully integrates the ActiveFactory Reporting Website which has been relocated from the ActiveFactory data analysis and reporting toolset. *Approximate duration: 1 hour*