Historian Client 2014

Course Description

The Wonderware Historian Client course is a 2-day, instructor-led class 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.

Objectives

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

- Retrieve Wonderware Historian data with the help of Wonderware Historian Client
- Use the data in its appropriate context, including historical and real-time trend manipulation, and production-related reporting within Microsoft Excel and Word

Audience

Audience for this course includes Plant floor operators, managers, and other individuals whose jobs include using Wonderware Historian data for assessment and reporting within production or administrative environments.

Prerequisites

The prerequisites for this course are:

- Knowledge of InTouch
- Knowledge of Wonderware Historian
- Knowledge of Microsoft Office Excel and Microsoft Word
- Experience in manufacturing industry

Course Outline

Module 1 – Introduction

Section 1 – Course Introduction

This section describes the fundamentals of the Wonderware Historian Client 2014 Software course, the objectives of the course, intended audience, prerequisites, and course agenda. It also includes a description of the Wonderware products.

Section 2 – Introduction to Wonderware Historian Client

This section introduces the Wonderware Historian Client applications, the main features, hardware requirements, and licensing.

Section 3 – Introduction to Wonderware Historian Server

This section introduces the main features of Wonderware Historian Server, network considerations, hardware and software requirements, and licensing strategies.

Section 4 – System Requirements, Licensing, and Support

This section explains the recommended system requirements and licensing information.

Module 2 – Wonderware Historian Client Trend

Section 1 – Introduction to Wonderware Historian Client Trend

This section describes the features of Wonderware Historian Client Trend and how to create and configure trends using Wonderware Historian Client Trend.

Section 2 – Public and Private Groups

This section describes the function of the Public and Private Groups folders that are used in Wonderware Historian Trend Client to store and share tags.

Section 3 – Time Offset and Target Regions

This section describes how to configure time offset and target region in a trend for tag configuration.

Section 4 – Retrieval Styles and Data Transformations in Trend

This section takes you through the steps necessary to configure Retrieval styles and create Custom Retrieval styles in Wonderware Historian Client Trend.

Module 3 – Wonderware Historian Client Workbook

Section 1 – Introduction to Wonderware Historian Client Workbook

This section explains the basic functionality of Wonderware Historian Client Workbook.

Section 2 – Historian Event Retrieval

This section explains the various event tag selection methods and the Historian event retrieval functionality.

Section 3 – Enhanced Workbook with Excel Functionality

This section explains how to use the features of the enhanced workbook with Excel functionality to create reports to get data for a specified shift.

Module 4 – Wonderware Historian Client Query

Section 1 – Introduction to Wonderware Historian Client Query

This section introduces Wonderware Historian Client Query uses and operation.

Module 5 – Wonderware Historian Client Report

Section 1 – Introduction to Wonderware Historian Client Report

This section introduces the uses and operation of Wonderware Historian Client Report.

Section 2 – Use of Wildcards in Reports

This section explains the use of wildcards for time options and report editing.

Module 6 – Wonderware Historian Client ActiveX Controls

Section 1 – Wonderware Historian Client Controls

This section explains the use, properties, methods, and events of the ActiveX controls. In particular, this section discusses the aaHistClientTrend and aaHistClientActiveDataGrid controls and their common configuration needs.