



Course Description: Wonderware Performance Software 3.5

The Wonderware Performance Software 3.5 course is a 1-day, instructor-led course that provides lectures and hands-on labs designed to provide a good working knowledge of Wonderware Performance Software in the development of MES applications. This course addresses the configuration and management of the efficient data collection and analysis and reporting of your downtime events using the ArcestrA architecture.

New topics for discussion and training include, but are not limited to:

- Utilization Capability Object
- Better integration with ArcestrA
- NET Controls
- Reporting Services Report
- Replacement for Configurator
- Modules
- Users/Groups
- Shifts and Shifts Schedules
- Utilization States, Reason Groups and Reasons
- General Parameters

OBJECTIVE

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

- Use Wonderware Performance Software to configure tracking, monitoring, efficiency and reporting
- Use Wonderware Performance Software as a central downtime information repository and reporting tool
- Retrieve and report the downtime data and utilize Overall Equipment Effectiveness (OEE)

AUDIENCE

Plant floor operators and managers, system administrators, system integrators, and other individuals who use Wonderware Performance Software in their manufacturing processes.

PREREQUISITES

The prerequisites for this course are:

- InTouch for System Platform
- System Platform Part 1

425 Caredean Drive, Horsham, PA 19044

Tel: 215.675.5800

www.wonderwarenorth.com

Owned and Operated by Q-mation, an Independent Wonderware software distribution partner.



Course Description: Wonderware Performance Software 3.5

COURSE OUTLINE

Module 1 Introduction

- Section 1 - Course Introduction
- Section 2 - Wonderware System Platform Overview
- Section 3 - Wonderware Performance
- Section 4 - System Requirements, Licensing, and Support
 - Lab 1 – Creating a Galaxy

Module 2 Performance Model

- Section 1 – Performance Configurator Client
 - Lab 2 - Security

Module 3 Utilization

- Section 1 – Utilization Overview
 - Lab 3 – Creating Utilization States and Reasons
- Section 2 – Utilization Capability Object Overview
- Section 3 - Entity Model Builder
 - Lab 4 – Creating the Entity Model
 - Lab 5 - Using the Utilization Capability Object – Simple Application
 - Lab 6 - Using the Utilization Capability Object – Filler Application

Module 4 Overall Equipment Effectiveness

- Section 1 – Overall Equipment Effectiveness
- Section 2 – Shifts and Shift Schedules
 - Lab 7 – Configuring Shifts and Shift Schedules
- Section 3 – OEE and the Utilization of Capability Object
 - Lab 8 – Tracking OEE
- Section 8 - Job Creation

Module 5 Visualization

- Section 1 – Visualization Overview
- Section 2 - .NET Controls
 - Lab 9 - Using Utilization Controls
 - Lab 10 – Using Additional OEE Controls

Module 6 Reports

- Section 1 – ArchestrA Reports
- Section 2 - TableWeaver