Global Business Minds

HARNESS THE POWER OF KNOWLEDGE

Advanced Training Program on Monitoring with Wonderware InTouch

Introduction

Wonderware InTouch is a powerful industrial monitoring and supervisory control and data acquisition (SCADA) software package that is widely used in various industries

This comprehensive 5-day training program, delivered by Global Business Minds, will equip participants with in-depth knowledge and practical skills in using InTouch to effectively monitor and control industrial processes

Day 1: Introduction to Wonderware InTouch
• Overview of Wonderware InTouch and its role in industrial automation
• Familiarization with the InTouch user interface and basic navigation
• Understanding the different types of InTouch objects, such as graphics, displays, and trends
• Exploration of the InTouch development environment and programming language

Day 2: Creating and Configuring InTouch Graphics
• Creating and editing graphical displays using InTouch's object library and drawing tools
• Configuring graphics to display real-time data from industrial devices and processes
• Implementing dynamic graphics features, such as alarms, animations, and user interactions
• Familiarization with InTouch's graphics libraries for specific industries, such as oil and gas, manufacturing, and power generation

Day 3: Real-Time Data Monitoring and Analysis
• Understanding the principles of real-time data monitoring and its importance in industrial automation
• Configuring InTouch to monitor data from various industrial devices and protocols
• Analyzing real-time data trends and identifying process anomalies
• Implementing alarms and notifications to alert operators of potential problems

Day 4: Supervisory Control and Data Acquisition (SCADA) Applications
• Understanding the concept of SCADA and its role in industrial automation
• Implementing control logic using InTouch's scripting language
• Developing SCADA applications for various control scenarios, such as PID control, batch control, and sequential control
• Familiarization with InTouch's networking capabilities for remote monitoring and control

Day 5: Advanced Topics in Wonderware InTouch Monitoring
• Exploring advanced InTouch features, such as historical data archiving and reporting
• Integrating InTouch with other industrial automation systems, such as enterprise resource planning (ERP) and manufacturing execution systems (MES)
• Staying up-to-date with the latest InTouch software releases and best practices
• Discussing future trends in industrial monitoring and SCADA technologies

Target Audience

This training program is designed for engineers, technicians, and professionals involved in the design, implementation, operation, and maintenance of industrial automation systems, including:
• Instrumentation engineers
• Control engineers
• Process engineers
• Plant engineers
• Maintenance technicians

Learning Outcomes

Upon completion of this training program, participants will be able to:
• Demonstrate in-depth knowledge of Wonderware InTouch and its applications in industrial automation
• Create and configure InTouch graphics to effectively monitor industrial processes
• Analyze real-time data and identify process anomalies

- Implement control logic using InTouch's scripting language
- Develop SCADA applications for various control scenarios
- Integrate InTouch with other industrial automation systems
- Stay up-to-date with the latest InTouch software releases and best practices
- Apply advanced InTouch features for advanced monitoring and control tasks

Certificate Delivered by Global Business Minds:

- Certificate of Completion in Monitoring with Wonderware InTouch

Additional Notes

- This detailed professional training program can be tailored to specific industry requirements and application needs

- Hands-on exercises and case studies can be customized to reflect real-world challenges and scenarios faced by participants

- The training can be delivered in a blended format, combining in-person sessions with online modules for flexibility and accessibility

- Global Business Minds can provide ongoing support and resources to participants to ensure their continued success in using Wonderware InTouch for effective industrial monitoring and control