



INTOUCH TRAINING

TRAINING DESCRIPTION

The tag-based InTouch Training is a 4-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 via online training. You are guided through setup, layout, best practice concepts, features, and functions of the InTouch software. Hands-on labs reinforce concepts and features.

TRAINING OBJECTIVES

- Create a Modern InTouch Application
- Construct a Key Performance Indicator display
- Configure a DA Server
- Establish communications with I/O-aware programs
- Create, export, and import tags
- Test and monitor tags
- Build custom symbols
- Visualize advanced interactive data presentations
- Configure InTouch Alarms
- Manage live and historical alarms
- Configure Security
- Configure, log, retrieve, and export InTouch history
- View data in Real-time Trends
- Back up and Restore an InTouch application
- Distribute an application to the production environment

AUDIENCE & PREREQUISITES

- Plant floor operators and managers
- System administrators
- System integrators
- Individuals who need to use the InTouch HMI software in manufacturing processes.
- Manufacturing industry experience

TRAINING SCHEDULE

This training course has been developed based on the following daily schedule:

Daily Session	8 hours	Usually from 9:00 AM to 5:00 PM
Lunch	1 hour	12:00 PM to 1:00 PM
Breaks	2 x 20 minutes	10:00 AM and 3:00 PM



Based on the daily schedule above, the topics for this training course are estimated to break as follows:

Day 1	Ice-Breaking Module 1 – Introduction Lab 1 – Creating the InTouch Application Module 2 – Window Layout and Basic Navigation Lab 2 – Setting Up Windows Navigation Module 3 – InTouch Tagname Dictionary Lab 3 – Defining Memory Tag Lab 4 – Configuring the Communication Driver Lab 5 – Creating I/O Access and I/O Tags Lab 6 – Watching Tags with Tag Viewer Lab 7 – Exporting and Importing Tags Module 4 – Situational Awareness Visualization Lab 8 – Building Dashboard Lab 9 – Building the Mixer Operational Display
Day 2	Lab 10 – Building a Command Symbol Lab 11 – Creating a Carousel Dashboard Module 5 – InTouch Alarms Lab 12 – Configuring InTouch Alarms Lab 13 – Visualizing and Acknowledging Live Alarms Lab 14 – Visualizing and Filtering Historical Alarms and Events Module 6 – Data Logging and Trending Lab 15 – Logging Historical Data Using InTouch History Lab 16 – Trending Real-Time Data
Day 3	Lab 17 – Building a Historian Client Trend Display Lab 18 – Trending with Trend Pen Module 7 – Introduction to QuickScript Lab 19 – Introduction to InTouch Quicksript Module 8 – Introduction to Industrial Graphic QuickScript.NET Lab 20 – Creating a Scalable Window Navigation Control Lab 21 – Building a Mixer Browser Using ShowGraphic Lab 22 – Creating a Context Driven Alarm Window Using ShowGraphic
Day 4	Module 9 – Security Lab 23 – Setting Up and Using OS Security Lab 24 – Locking Down Your Application Module 10 – Application Distributor Lab 25 – Distributing an InTouch Application Module 11 – Application Maintenance Lab 26 – Converting Windows to Industrial Graphics and Frame Windows Lab 27 – Backing Up and Restoring an InTouch Application Module 12 – Web Client Lab 28 – Using the Web Client