TDC: Fundamentals - (US) Picture Editor Graphics Building Implementation

Course Overview

Course number: TDC-3301
Course length: 4.5 days

Learn to Use the Picture Editor

This Universal Station (US)-based course provides techniques for building sophisticated Picture Editor Custom Graphic displays using the Picture Editor function. You will learn to use values, targets, variants, conditional behavior, collectors, sub-pictures, and the display database to create displays that provide process information and interaction, including the handling of alarms.

Course Benefits

- Design and implement process control schematics that give information and the interactive capability needed to operate a process
- Understand how Picture Editor schematics interact with your process and the various TPN System databases
- Establish the foundation for further in-depth Picture Editor training

Course Delivery Options

- In-Center Instructor-Led Training

Who Should Take This Course

TotalPlant Solution Network (TPN) Customers

- With prior system implementation and configuration experience
- Responsible for designing and creating a TPN operator interface using Picture Editor schematics

Prerequisite/Skill Requirements

Prerequisite Course(s)

- (TDC-3300HPM or TDC-3300HPM-FT)

Required Skills and/or Experience

- Knowledge of a programming language including experience using data types, variables, and control structures

Desirable Skills and/or Experience

- Working knowledge of your process

Course Topics

You will learn how to...

- Create a library of reusable, generic sub-pictures by defining user visible parameters
- Create targets that initiate changes to the process and the display itself
- Provide live process values or status conditions on the display through the use of values, variants, and conditional behavior
- Add alarm handling features that will annunciate point alarms, allow alarm acknowledgement, and initiate alarm recovery actions
- Create a custom change zone
- Create a custom trend display to show historized process data and provide interactive capability to change trend features such as time base, data source, and engineering unit range
- Understand and manipulate the standard and user display databases

Additional Training

To increase your knowledge and skills, there are additional courses available from Automation College.

For more information and registration, visit www.honeywellprocess.com/en-US/training.