

TR7050 - Outline

TwinCAT 3 Training: TwinCAT HMI Basics (3 Days)

⚠ Attention - The following topics are not addressed during this class

- PLC Programming

Prerequisite:

Basic knowledge of a windows operating system (OS) and the ability to manage files and folders.

Topics Covered:

- TE2000 Development Environment
 - Creator
 - Designer
 - Toolbox
 - HMI Configuration
- HMI Navigation
 - Regions
 - Content Pages
- Localization
 - Unit Switching
 - Language Keywords
- Group Control Reusability
 - User Controls
- Styling
- Viewing Events
 - TwinCAT Event Logger
 - Alarms and Messages
- Administration of Users and Groups
- Recipe Manager
 - Creating Recipes
 - Activating Recipes within an HMI Client
- Recording and viewing historical data with the Trend Chart
- Statics versus Responsive Design
- Brief introduction to programming interfaces
 - JavaScript Functions and CodeBehind
- Diagnostic options
- Deploying and Configuring a remote HMI Server