

## V3 PROGRAMMING 1

The two-day training is intended to familiarize participants with the CODESYS V3 programming tool, as well as an introduction to the IEC 61131-3 standard. The training targets device programmers, application developers, project leaders and engineers, and software engineers who program with little to no knowledge of automation based on CODESYS.

### PRODUCT DESCRIPTION

The training is face-to-face led by an instructor. Throughout the training, theoretical parts are followed by practical exercises to facilitate knowledge transfer. Use cases are explored to demonstrate how the tool can be applied.

The participant will become familiar with the following aspects of CODESYS V3:

- Project handling
- Hardware configuration
- Backup and restore
- Elementary data types
- Simple logic (FBD/ST without loops)
- Using standard FBs
- Diagnostics (FlowControl, Watch, Write/Force, GVL, Trace)
- Visu with basic elements

### PRODUCT OPTIONS

The training can also be customized to focus on imparting deeper knowledge of specific areas of CODESYS V3 programming as required by the customer.

#### System requirements and restrictions

Programming System	CODESYS Development System V3.5.5.0
Target System	The latest version can be installed during the training.
Supported Platforms / Devices	Not applicable
Additional Requirements	
Restrictions	Only applies for V3
Licensing	Not applicable
Required Accessory	Laptop

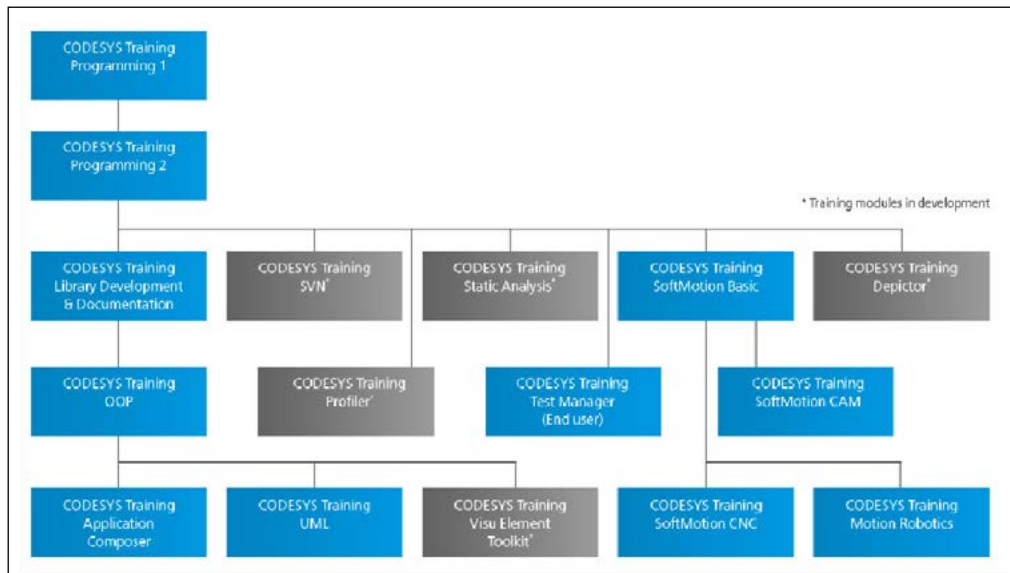


Figure1: Overview of all CODESYS Trainings offered.

Editor for  
Options

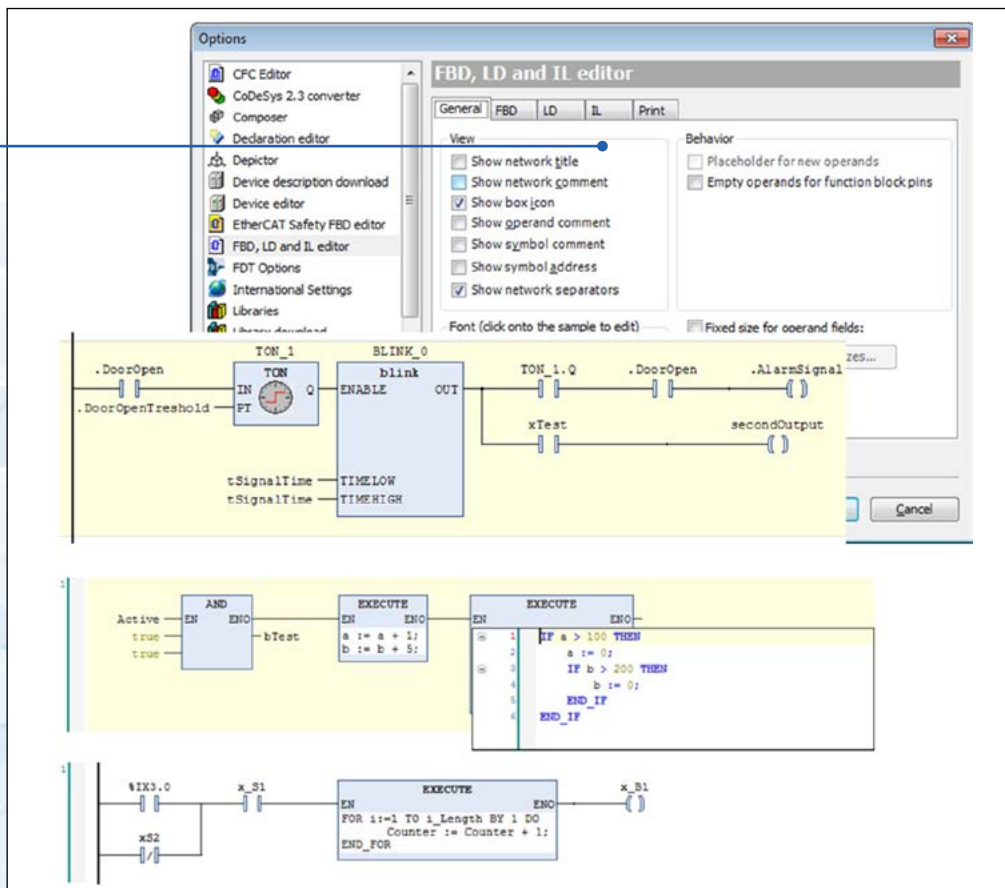


Figure 2: FBD, LD, and IL editor.

CODESYS frame  
window

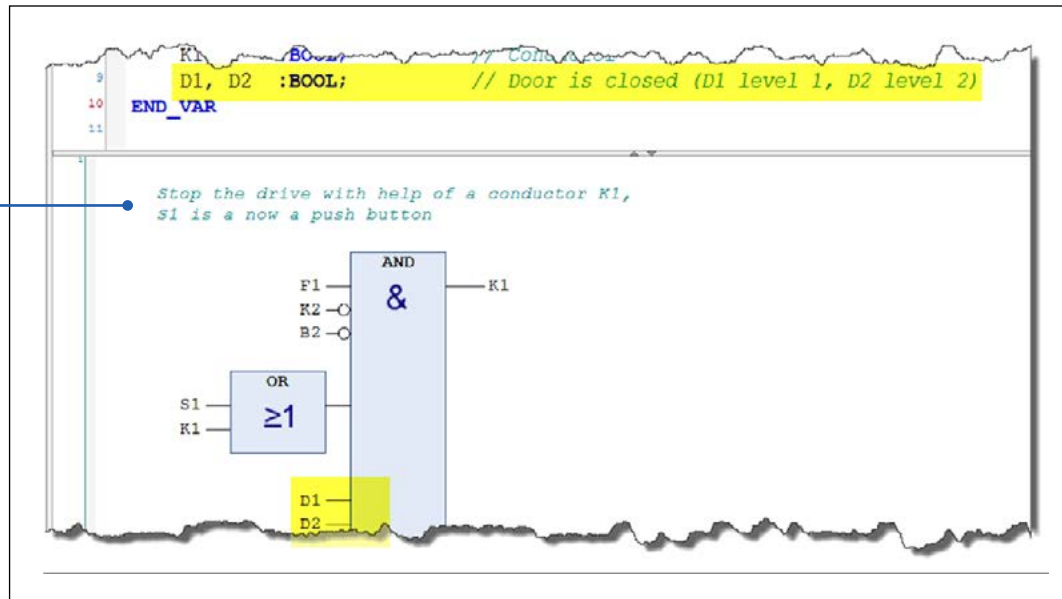


Figure 3: Function block diagram editor.

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