SYSTEMS INTEGRATED

*Innovative and Enduring Systems
Based on Published Standards*

V3 APPLICATION COMPOSER

The two-day training is intended to familiarize the participant with the CODESYS Application Composer. The training targets device manufacturers and application developers in the factory, process, building, and energy automation industries.

PRODUCT DESCRIPTION

The training is performed face-to-face 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 features of CODESYS Application Composer:

- Concept
- Module tree
- Technology module
- Slot/multi-slot
- Parameter
- I/Os
- Page and embedded visu
- Proxy communication
- Source template

The training targets device manufacturers and machine manufacturers who need help when setting up:

- Customized serial machines with a machine configuration assembly directly from the sales process
- Special machines or systems constructed from recurring units
- Systems constructed from many basic modules of the same type (e.g. in building automation or process technology)

For the application engineers, the use case is an efficient and intelligent software design and reuse of code for similar applications or applications with many basic modules of the same type (without copy and paste).

PRODUCT OPTIONS

The training can also be customized to focus on imparting deeper knowledge of specific areas of the CODESYS Application Composer as required by the customer.
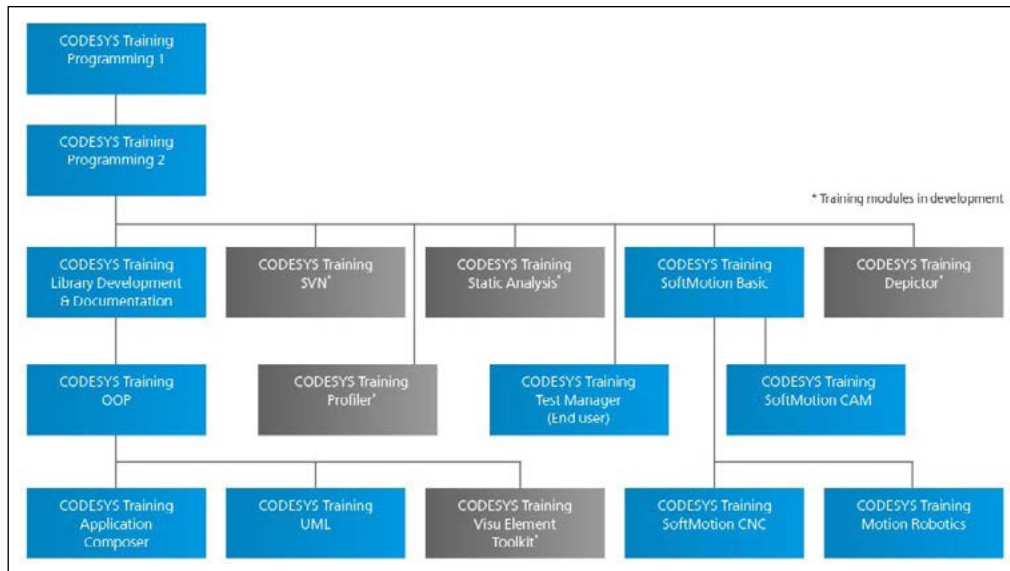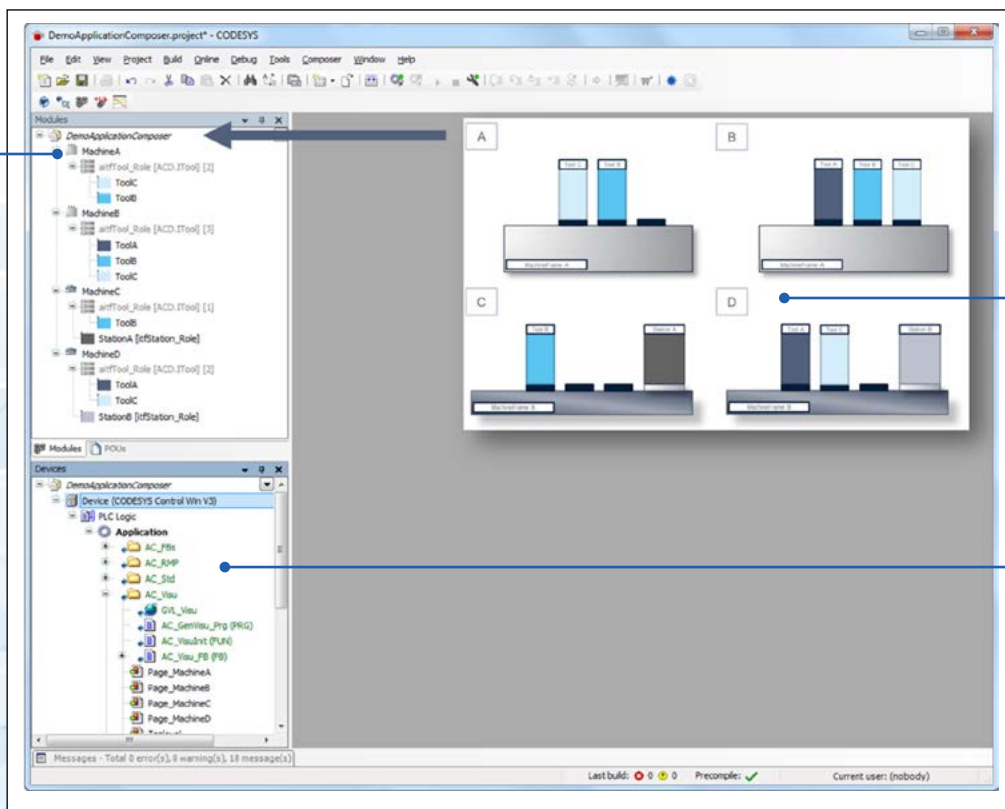
Figure1: Overview of all CODESYS Trainings offered.

Module tree

Machine configuration

IEC application

Figure 2: Example of an Application Composer project with four machines.

System requirements and restrictions	
Programming System	CODESYS Development System V3.5.5.0
Target System	CODESYS Control V3.5.5.0
Supported Platforms / Devices	Not applicable
Additional Requirements	CODESYS Training V3 Object Oriented Programming and CODESYS Training V3 Library Development and Documentation
Restrictions	Not applicable
Licensing	Not applicable
Required Accessory	Laptop with IDE Installed

IEC 61131-3 CODESYS Training   Course No. 104

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