

TIA – Seminars

The road to an automated machine.

A guide for manufacturers and operators.

Module 4: User training on PLC frameworks

Module description:

We've poured all of our experience from working with a variety of software standards and projects combined with basic software architecture theory into a specially developed framework for Siemens controllers. In this module, we present strategies that are currently used and give learners the confidence to use our framework for their own projects.

Contents:

- System architecture and program structure
- Codiquette and programming languages
- Operating modes and operating states
- The message system and machine operation
- Equipment and device modules
- Step chains and diagnostic strategies
- Human Machine Interface (HMI)
- Configuration and simulated sample project

Duration:

- 16 h

Required:

- Own laptop for the training
- Pre-installed TIA V18 with PLCSim
- Module 1: Commissioning
- Module 2: Beginner training
- Recommendation:
 - Basic awareness of how hardware is used in a machine

Trainers:

- Frederick Keymer-Eickelkamp

Training location:

- At our Duisburg location
- At your location
- plus travel expenses
- Online

Certificate of participation:

- Digital for online training courses, paper for face-to-face training courses

Training materials:

- Digital

Number of participants

- Max. 4 people

Price:

- 470 € per participant (plus travel expenses)