TIA overview - Seminars

Title: The road to an automated machine

Module 1: Fundamentals of the TIA Portal

Module Description:
This training module will provide you with the basics on how to commission machines using TIA Portal. Throughout the module, we'll provide you with a structured introduction to hardware project planning, project management, software modules and programming languages, as well as visualization with WinCC Advanced. It's just what you need if you're looking to commission existing source codes for a specific machine or carry out error analyses on plants that are already running.

Contents:
- The TIA Portal development environment
- Online accesses – Establishing a connection to the controller
- Your first project and configuring hardware
- Project management
- Software modules and programming languages (FBD/KOP, SCL, IL)
- Sequence programming with GRAPH
- PLCSim and help functions
- WinCC Advanced

Training Duration:
- 24h

Trainers
- Frederick Keymer-Eickelkamp

Required:
- Your own laptop for the session
- TIA V16 with PLCSim already installed

Recommended:
- Basic awareness of how hardware is used in a machine

Training location:
- Essentially wherever you prefer
- Travel expenses included
- The training can also be online-based

Number of participants:
- Max. 4 people

Prices:
- On request