

Digital Engineering Application of TIA Portal / TIA博途的数字化工程应用 (F4005)

Objectives

This course talks about the new trend and applications about "Production Engineering" episode, which is one of the five episodes of "Digital Enterprise". During "Production Engineering", TIA Portal is applied to realize the digital engineering applications, such as: automated engineering, virtual commissioning and transparent operation. All these new features will be discussed detailed in this course. Meanwhile, the participants will have opportunities to do perfect-designed exercises on these topics.

Target Group

Automation Engineers

Content

- TIA in Digital Enterprise - Overview
- Hardware Import from EPLAN and TIA Selection Tool
- Program Test with PLCSIM Adv
- TIA Openness
- HMI Automatic Generation with SiVArc
- Tecnomatix Process Simulate
- Virtual Commissioning with PLCSIM Adv
- Energy Monitoring and Analysis
- MES Connectivity

Prerequisites

Basic knowledge of automation, IT basics

Type

Face-to-face training

Duration

5 days

Language

zh