



OPC UA Basic Training / OPC UA 基础培训 (F4033)

Objectives

The training provides a detailed introduction to the basic concepts of the OPC UA platform and its interfaces. You get to know the concepts behind the abstract model and can test and understand them in exercises with various OPC UA clients on real OPC UA components. You will get to know the main OPC UA servers and clients in the SIMATIC product spectrum and design and program them in exercises. A comprehensive exercise concept will gradually lead you to a communication model based solely on OPC UA communication.

Target Group

Project planners, Configuration engineers, Programmers

Content

- Introduction of OPC UA Basics
- Services and Principles of OPC UA Data Exchange
- Security Aspects with OPC UA
- SIMATIC Ident OPC UA Servers
- S7-1500 as OPC UA Server and Client
- WinCC HMI as OPC UA Client and Server
- SIMATIC NET OPC UA Server
- Performance and Optimization
- Diagnostics and Error Handling

Prerequisites

Attendance of A7811 and A7816 Course

Type

Face-to-face training

Duration

3 days

Language

zh

Fee

5,000 CNY