

SYSTEM COURSE OPC/ OPC UA

OPC interface, OPC Server and Clients, Security issues

DURATION

3 Days

CONTENT

- Von OPC COM zu OPC UA (Unified Architecture)
- Introduction to OPC UA
- Information model, data access types and profiles of OPC UA
- OPC COM to OPC UA (Unified Architecture)
- OPC UA functionalities and interfaces
- Configuration and commissioning of OPC UA server and clients
- OPC-Scout& UaExpert as OPC Test Client
- OPC UA clients in VBA & C#
- Creating user-defined interfaces and Companion Specifications
- Alarm & Events, Historical Data Access, and XML
- Diagnostics and debugging of OPC UA components
- OPC security
- Introduction MQTT
- MQTT Client, Broker and data access
- Future prospects, TSN, Safety

TARGET GROUP

Programmers, commissioning personnel, project planners, advanced service personnel

REQUIREMENTS

Basic knowledge of SIMATIC is recommended Basic knowledge of network engineering

SOFTWARE / DEVICES

OPC UA Clinet, OPC UA Server, MQTT Broker, MQTT Client from different producer

OUR RECOMMENDATION

We moreover offer additional advanced modules focusing for engineering, operator control and monitoring, communication and drive technology.

Events

YOUR PERSONAL CONTACT PERSON

Hochheim am Main

At our headquarters in Hochheim we advise you for our locations **Berlin, Braunschweig, Düsseldorf, Hamburg, Hochheim am Main** and **Mannheim**.



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München

At our headquarters in Munich we advise you for our locations **Dresden, Freiburg, Graz, Innsbruck, Leipzig, Linz, München, Nürnberg, Stuttgart, Zürich** und **Wien**.



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