

SYSTEM COURSE OPC/ OPC UA - ONLINE

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

We recommend an Internet connection with at least 16 Mbit, two monitors and a headset. Practical exercises are carried out browser-based on a virtual plant model.

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**.



Monika Jatta
Head of training organization
+49 6146 828280
kontakt@grollmus.de
www.grollmus.de

München

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



Kristina Hocke
Head of training organization
+49 89 23238870
kontakt-muenchen@grollmus.de
www.grollmus.de