

SERVICE TRAINING 2 SIMATIC TIA PORTAL

Error diagnosis, WinCC, GRAPH, SCL, frequency converter, PROFINET IO

DURATION

5 Days

CONTENT

- Working with the digital twin (SIMIT)
- Commissioning of a program for a production cell
- Embedding of FCs and FBs
- Use of organization blocks for error diagnosis
- Software troubleshooting and correcting of errors
- Analog modules and analog value processing
- Commissioning of PROFINET IO and distributed I/O
- Error diagnosis for PROFINET IO
- Parameterization of an inverter (Drive) and commissioning on PROFINET
- Drive diagnosis
- Commissioning of a WinCC project
- Changes to WinCC project
- Adding Sequence control with GRAPH to your program
- Putting the SCL program into operation
- Ethernet communication
- Basics on Functional Safety

ONLINE VORBEREITUNG

Mit unserem praxisnahen Online-Training bereiten Sie sich optimal auf den Online-Vorbereitung Servicekurs 2 TIA Portal vor. [Hier erhalten Sie weitere Informationen.](#)

TARGET GROUP

Service personnel, maintenance engineers, commissioning engineers, project planners

REQUIREMENTS

Knowledge of Service Training 1 SIMATIC TIA Portal and SIMATIC S7.

SOFTWARE / DEVICES

TIA Portal, STEP 7, WinCC, GRAPH, SCL, S7-1500, ET 200, HMI-Panel, SINAMICS, plant model

OUR RECOMMENDATION

Please also take the examination in order to become Automation Technician Service TIA Portal according to ZVEI. We moreover offer additional advanced modules focusing on 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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