

SERVICE TRAINING 1 SIMATIC TIA PORTAL

Error diagnosis, alteration of programming code, analog values, PROFINET IO, operator panel

DURATION

5 Days

CONTENT

- Working with the digital twin (SIMIT)
- Troubleshooting with the help of EPLAN
- Working with electronic manuals
- Assembly, wiring, and commissioning as a practical exercise
- Commissioning of preprogrammed programs
- Error diagnosis using STEP 7 tools
- Making changes and additions to an existing program
- Program structure and error handling
- Parameterizable functions and function blocks
- Data blocks and data types (variables)
- Practical exercises in analog value processing
- Message project engineering and extensions in WinCC
- Troubleshooting in PROFINET IO systems
- Technology Functions

ONLINE VORBEREITUNG

Mit unserem praxisnahen Online-Training bereiten Sie sich optimal auf den Online-Vorbereitung Servicekurs 1 TIA Portal vor. [Hier erhalten Sie weitere Informationen.](#)

TARGET GROUP

Service personnel, operators, programmer, engineers and maintenance engineers

REQUIREMENTS

Knowledge of Basic Course or System Upgrade Course SIMATIC S7-1500 and TIA Portal. Please use our online test to check your knowledge level

SOFTWARE / DEVICES

TIA Portal, STEP 7, WinCC, S7-1500, ET 200, HMI-Panel, technology module, plant model

OUR RECOMMENDATION

Please also attend our subsequent trainings "Service Course 2 SIMATIC TIA Portal" and "Programming Course 1 SIMATIC TIA Portal". 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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