

SYSTEM UPGRADE COURSE SIMATIC S7-1500 AND TIA PORTAL

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DURATION

5 Days

CONTENT

- System overview of SIMATIC S7-1500 and TIA Portal
- Hardware setup with EPLAN
- Configuration of devices and networks
- Editing of program blocks
- New programming features
- Working with PLC variables
- Data blocks and data management
- Setup and parameterization of PROFINET IO
- Virtual commissioning and troubleshooting
- Documenting and saving of programs
- Editing of the HMI configuration in WinCC (operator panel)
- Introduction to TIA Startdrive
- Ethernet communication (CPU-CPU)
- Introduction to the SCL editor
- Introduction of Technology Functions
- Migration of a STEP 7 V5.5 project to TIA Portal
- Migration of a WinCC flexible project to TIA Portal

ONLINE VORBEREITUNG

Mit unserem praxisnahen Online-Training bereiten Sie sich optimal auf den Online-Vorbereitung Umsteigerkurs SIMATIC S7-1500 und TIA Portal vor. [Hier erhalten Sie weitere Informationen.](#)

TARGET GROUP

Employees from all departments are welcome; professionals, who want to learn how to make proficient usage of SIMATIC S7-1500/1200

REQUIREMENTS

Knowledge of Basic Course SIMATIC S7 and practical experience in SIMATIC STEP 7

SOFTWARE / DEVICES

TIA Portal, STEP 7, WinCC, Startdrive, S7-1500, ET 200, HMI-Panel, Plantmodel

OUR RECOMMENDATION

Please also attend our Service Course 1 SIMATIC TIA Portal and Programming Course 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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