SIEMENS

TIA Portal Openness Programming 2 (DI-OPEN2)

Korte beschrijving

TIA Portal Openness is the API or programming interface provided with TIA Portal, with which you can efficiently automate engineering tasks without using the TIA Portal itself. This includes tasks such as project management, configuration and parameterization of hardware, automatic generation of block code as well as various online functions.

Doelen

You will get to know all these functions during this course. Using ready-made project blocks available in a library, you will

- learn what you need to do to use TIA Openness
- create a project
- create and adapt an S7-1500 with central and distributed I/O
- provide an HMI with a variety of screens
- generate a PLC program
- after appropriate preparation, fill the devices with the generated data
- get to know other useful functions and ideas of implementing functions

Doelgroep

- Programmers
- Configuration engineers
- Project planners

Inhoud

- Digitalization - Industry 4.0
- Introduction to Visual Studio (as a short recap)
- Introduction to TIA Portal Openness and the auto-save tool
- Working with libraries and projects in the TIA portal
- Adapting hardware through TIA Portal Openness
- Generation of PLC programs from library elements
- Increased flexibility by extending the existing program
- Programming ideas

Included in the course price: Free access to the digital learning platform SITRAIN access – starting one week before the start of the course until two weeks after the end of the course. Here you will find web-based trainings on TIA Openness as well as other topics such as Digital Enterprise, Industrial Automation Systems SIMATIC and many more. With the Learning Membership, you can deepen or repeat the content of this learning event as well as continue your education on other interesting topics.

Vereiste voorwaarden

- Good TIA Portal knowledge
- Good programming skills in the C# programming language and in working with Visual Studio

Opmerking

The Learning Membership starts 7 days before the start of the course and ends 14 days after the end of the course. During this period, you have access to all available web-based trainings.

Soort

Face-to-face-training

Duur

2 dagen

Taal

en

copyright by Siemens AG 2026