

SINAMICS S120 - Upgrade to TIA Portal and Startdrive (DR-S12-UP)

Short Description

In this course you will learn to commission the SINAMICS S120 inverter with the PC tool Startdrive in the TIA Portal. This course is aimed at users of the previous PC tool STARTER. Due to your previous knowledge, you can quickly familiarize yourself with the new tool during the course.

Objectives

You already have good knowledge of the drive system SINAMICS S120. You use the software STARTER for commissioning and diagnostics. Now you change over to current software Startdrive in the TIA Portal. With that you can optimally integrate your drives into the automation. In the course you get to know the advantages and differences in comparison with STARTER. You can therefore use the new possibilities of the TIA Portal purposefully. You will deepen your theoretical knowledge through numerous practice-oriented exercises in our remote learning environment with SINAMICS S120.

Target Group

Commissioning Engineers
Programmers

Content

Parameterization, data backup and diagnostics using Startdrive in TIA Portal

- Online connection via PROFINET
- Project structure: drive objects and drive components
- Topology of the DRIVE-CLiQ-Interface

Function charts in Startdrive: setpoint channel, Input and output signals, Control signals

Analysis of the operating status using enable signals, warnings and alarms

Monitoring of signals using the trace function

Introduction to positioning and Safety Integrated in Startdrive

Data exchange with SIMATIC S7-1500 via PROFINET

Consolidation of the contents through practice-oriented exercises in the remote learning environment with SINAMICS S120.

Prerequisites

Good knowledge in commissioning SINAMICS S120 with STARTER according to course DR-S12-PM (formerly DR-SNS-SI).

Type

Face-to-face training

Duration

3 days

Language

de, en, fr, nl