

## SINAMICS V90 Service and Commissioning / SINAMICS V90 服务与调试课程 (D7310)

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### Objectives

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- This course will introduce the hardware and features of the SINAMICS V90 Servo Drive System. You will learn how to configure, parameterize and commission the Servo Drive using SINAMICS V-ASSISTANT software tool and Software TIA Portal with installed HSP for V90 PN, and how to handle data backup and diagnostics.
- After the course you are able to be correctly commission the V90 Servo Drive and adapt it to address the particular application. You know suitable Servo Drive functions and parameter settings for a wide range of applications. You can make a data backup, and taking the appropriate measures when faults occur.

### Target Group

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Commissioning and Service personnel

### Content

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- Overview of SINAMICS V90 Servo Drive System
- Hardware and Features of V90 Servo Drive System
- Parameterization, One Button Tuning, data backup and diagnostics with :
  - SINAMICS V-ASSISTANT software tool
  - Software TIA Portal + HSP for V90 PN
- Basic positioner
- Communication with SIMATIC S7 via PROFINET
- Technology object for Motion control
- Programming with PLCopen
- Practical exercises on training equipment

### Prerequisites

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Basic knowledge of electrical engineering; Knowledge of programming in the SIMATIC TIA Portal

### Type

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Face-to-face training

### Duration

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2 days

### Language

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