

## Diagnostica e service SIMOTION e SINAMICS S120. Transizione 5.0 con attestazione finale superamento esame. (IT5P-MC-SMO-DG)

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### Short Description

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In this course, you will learn the proper way to handle system SIMOTION and SINAMICS S120 when a fault occurs. Based on prepared projects, you will analyze signal interconnection and programming. Using projects with deliberate faults and errors, you will identify and resolve faults. After the course, you will more quickly resolve faults and in a focused fashion. You will adapt the control program when changes are made to the machine. The course requires a final examination, which is deemed passed if a minimum of 8 out of 10 points is achieved. Only in this case will a pass certificate be issued with the final result

### Objectives

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After attending the course, you can:

- Use SIMOTION Scout to connect to a SIMOTION system
- Configure an axis and perform the main diagnostic functions
- Make an adjustment ring

### Target Group

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Service engineers  
Maintenance personnel

### Content

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- Overview of the SIMOTION and SINAMICS systems
- Working with SIMOTION Scout projects
- Connection with SIMOTION
- Hardware overview: I/O periphery
- Hardware overview: SINAMICS S120
- Basic Safety functions
- Axis objects: configuration and diagnostics
- Adjustment ring: optimization and measurement function

### Prerequisites

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Basic knowledge of drive technologies.

### Note

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IMPLEMENTING DECREE AUGUST 2024 :  
Transition 5.0: Trained Expenditure  
Energy transition A .5

### Type

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Face-to-face training

### Duration

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2 days

### Language

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it