

## SINUMERIK ONE upgrade / SINUMERIK ONE 升级课程 (T8412)

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### Objectives

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Based on your good know-how on the SINUMERIK 840DSL, this course will provide you with the knowledge for the project planning and commissioning of the SINUMERIK ONE as digital twin and real, as well as the knowledge to create and test different system configurations.

### Target Group

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Commissioning engineers, Engineering personnel, Service personnel

### Content

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- Overview and components of SINUMERIK ONE
- Overview of SINUMERIK ONE functionality
- Data backup of the SSD/SD, recommissioning, SW upgrade
- Commissioning of the digital twin with TIA portal and CreateMyVirtualMachine
- Adaptation of the control functions to the machine with machine data and interface signals
- Machine kinematics and collision monitoring
- Transfer of data to the real machine
- Drive commissioning and axle assignment
- Practical commissioning exercises on the PC (digital twin) as well as on a SINUMERIK training device

### Prerequisites

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Good knowledge of the SINUMERIK 840DSL according to the course T8401

### Type

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Face-to-face training

### Duration

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5 days

### Language

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