

## Simatic TIA Portal Safety (TIA-SAFETY)

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### Content

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- Introduction to the machine directive
- Introduction to the machine safety standards EN ISO13849-1 and EN IEC62061
- Introduction to the TIA Portal
- Configuration of the failsafe PLC and failsafe I/O
- System reaction of faults
- Programming of safety functions
- Test of safety functions
- Failsafe communication between automation systems

### Prerequisites

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Experienced programmers that has participated in the training courses "Simatic TIA Portal update from Step 7 v5.4/5.5", "Simatic TIA Portal programming 1", "Simatic TIA Portal Service 2" or have similar knowledge. Basic knowledge in machine safety is desirable but not necessary.

### Type

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Face-to-face training

### Duration

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4 days

### Language

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### Fee

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21,400 SEK