

## Simatic TIA Portal programming 2 för plc (TIA-PRO2)

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### Short Description

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Time schedule: 4 days. Starts monday at 13:00 and ends friday 13:00.

### Objectives

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This training aims to give deeper knowledge in programming of Simatic S7 using the platform TIA Portal. Focus is on optimized blocks, data handling and diagnostics functions in S71200/1500.

### Target Group

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This training is for experienced TIA Portal Step 7 programmers that want to increase their knowledge in TIA Portal Step 7 and its possibilities.

### Content

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- o Hardware configuration
- o Organization blocks
- o Re-usable functions (FC) and function blocks (FB)
- o Optimized blocks
- o Deeper into data blocks
- o Data block
- o Complex and own defined data types
- o Introduction to SCL
- o Diagnostics
- o CPU-CPU communication via Industrial Ethernet
- o Introduction to Startdrive and Technology objects

### Prerequisites

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Knowledge of Simatic S7 and TIA Portal Step 7 corresponding to our training 'TIA Portal programming 1 for plc' or 'TIA Portal service 2 for plc' and practical experience of programming Simatic S71200/1500.

### Note

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The training is run in Swedish language with English course material. For the practical exercises we use Simatic S7-1500 system with ET 200SP I/O and Comfort Panel.

### 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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23,700 SEK