

## Online-Training - SIMATIC PCS 7 Advanced Process Functions (ST-PCS7APF)

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### Short Description

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The APF (Advanced Process Functions) from the ST PCS 7 T technology catalog expand the functionality for special automation tasks of the SIMATIC PCS 7 system components. In this online training you will learn how to project and manage material, material lot and parameter set data as well as storages with SIMATIC PCS 7 Advanced Process Functions in a structured and efficient way.

### Objectives

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- In-deep knowledge of APF engineering tool and runtime functionality
- APF engineering from basic project and communication setup till ready-to-use application
- Ability to evaluate usability of APF in SIMATIC PCS 7 projects

### Target Group

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- Project engineers which are active in the process automation environment
- SIMATIC PCS 7 System integrators
- Project engineers and programmer

### Content

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- Functional overview, incl. introduction APF demo project
- Basic project setup for APF
- Basic communication: Read- and Write- Manager
- Material Management
- Storage Management
- Parameter Management
- Job Management
- Archiving Management
- Detailed hands-on-trainings for all components

### Prerequisites

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- General basic knowledge of process control
- Good knowledge of SIMATIC PCS 7 ES (Engineering, CFC)
- Good knowledge of SIMATIC PCS 7 OS (WinCC scripting, HMI)
- Basic knowledge of databases and MES/ERP requirements

### Note

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Please note that time statements (course start / end) are related to Central European Time (CET), respectively Central European Summer Time (CEST).

### Type

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Online-Training

### Duration

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4 days

### Language

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en