

## SIMATIC PCS7 Route Control (ST-PCS7RC)

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### Short Description

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Pipe networks and tank farms are found in many areas of the process industry, especially in the chemical, petrochemical or food industries. Controlling material transports is often challenging: material changes, dynamic routes, simultaneous transports or cleaning processes in subsections must be taken into account. SIMATIC Route Control extends the process control system SIMATIC PCS 7 with an efficient "navigation system" for your plant: an industry-independent product for planning, controlling, monitoring and diagnosing routes for liquid and solid materials.

### Objectives

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The Route Control (RC) course provides participants with advanced knowledge of RC engineering and operation. They extend a SIMATIC PCS 7 multi-project with RC functionality and learn about the RC library, the RC wizard and RC engineering, including modeling an RC project. Engineering is implemented step by step and extended with more functionality.

### Target Group

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Project managers, project engineers  
Technologists  
Configuration engineers, commissioning engineers

### Content

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Overview of SIMATIC Route Control  
RC objects in the AS program (RC library)  
RC assistant  
RC engineering  
Plant structure from the RC point of view.  
Route control with an SFC type  
RC specific topics (materials, concurrent routes, dynamic route ID)  
RC user elements  
Management and monitoring of transports

### Prerequisites

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Basic knowledge of process control  
Ability to work independently with SIMATIC PCS 7  
Good knowledge of SIMATIC PCS 7 OS and ES in accordance with the ST-PCS7SYS course

### Note

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Course Documentation: English

### Type

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Face-to-face training

### Duration

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4 days

### Language

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