

Virtual Commissioning con SIMATIC S7-PLCSIM Advanced (SIE-PSIMAD)

Short Description

Particular attention in Industry 4.0 is given to the virtualization of plants. Siemens, through SIMATIC S7-PLCSIM Advanced allows the complete simulation of the functionality of a plant under development without the need for physical connections with the SIMATIC S7-1500 PLCs. Early detection of faults is possible through realistic commissioning procedures. In addition, it can be used for staff training. The course will provide you with an overview of the possibilities of using the SIMATIC S7-PLCSIM Advanced simulator. At the end you will be able to carry out a virtual commissioning, starting from the basic configuration up to the simulation of communication with external systems.

Objectives

After attending the course, you can:

- Download to SIMATIC S7-PLCSIM Advanced
- Simulate SIMATIC S7 software
- Test an acyclic communication

Target Group

Programmers
Commissioning personnel
Engineering personnel

Content

- System overview
- Installation and compatibility
- Types of communication
- CPU simulation: SIMATIC S7 program
- Communication between multiple instances of SIMATIC S7-PLCSIM Advanced
- Advanced test features for SIMATIC S7-PLCSIM Advanced
- Overview of connecting with third party software (API)

Theoretical knowledge will be deepened with practical exercises by accessing a remote system. This is made up of:

- PC station with SIMATIC STEP 7 Professional (TIA Portal) and SIMATIC S7-PLCSIM Advanced

Prerequisites

TIA-SERV1 or TIA-PRO1 or course or equivalent basic knowledge of automation systems.

Note

This course delivery data will be decided together with you: please get in touch to digitalindustryacademy.rc-it@siemens.com, tell us your needs and we'll be glad to find a tailored solution for you!

[Submit Training Request](#)

Type

Online-Training

Duration

3 hours

Language

it

Fee

620 EUR

Price for semi individual session up to 2 participants

1050 EUR

Price for session up to 5 participants

1680 EUR

Price for session up to 10 participants

