



ACCONtroll S7-Win32/SIM

Perfect integration into the Siemens environment

ACCONtroll S7-Win32/SIM simulates a S7-PLC system on the PC, where you can run S7 PLC programs. ACCONtroll S7-Win32/SIM contains an operating interface for the current programming functions from a S7 project, such as »Start«, »Stop«, »Monitor variables«, »Control variables« or »Load program«. The user interface can be displayed in one of the currently available languages. In addition to German and English you have also the option of Czech.

Perfect fields of application

ACCONtroll S7-Win32/SIM matches best for development and error search in STEP 7 programs. ACCONtroll S7-Win32/SIM is a pure simulation system without peripheral connection. This means that a real S7 PLC is no longer required for PLC program development and troubleshooting.

Varied ranges of application

With ACCONtroll S7-Win32/SIM you can solve a wide variety of tasks, during the development phase it helps you to perform the function of your STEP 7 control program. You can easily carry out the function tests of a visualization system by using ACCONtroll S7-Win32/SIM as the target PLC. In the event of errors in an existing STEP 7 control program, you can simulate them with ACCONtroll S7-Win32/SIM. It is also possible to replace a real S7 PLC with a PC with ACCONtroll S7-Win32/SIM.

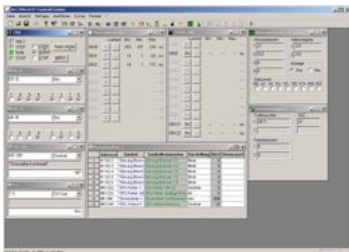
Convincing and multifaceted

Communication and data exchange with ACCONtroll S7-Win32/SIM takes place using S7-TCP/IP (ISO-on-TCP). This means that all applications that support TCP connections to S7 PLCs can use ACCONtroll S7-Win32/SIM like a real S7 PLC.

An easy-to-use driver for SIMATIC applications is included in the scope of delivery.

Technical Highlights

- Optimal integration into the S7 world of Siemens
- Command compliant to the Siemens S7-416 PLC
- Usable with TIA Portal
- Usage of existing STEP 7 programs without changes
- Online debugging with SIMATIC Manager
- Programming and data access also via TCP/IP (RFC1006/ISO-on-TCP)
- Supports up to 64 connections
- MLFB number can be set by the user (for TIA Portal: must be valid from the Siemens point of view)
- Released for the operating systems Windows XP, 2008R2, 7, 8.1, 10, 2012R2 and 2016
- Also available as classroom license
- ACCON-AGLink implemented




„By using ACCONtroll-S7, we were able to save time and costs in the engineering area and introduce a new, standardized way of working. Now all parts of our automation such as PLC, HMI and SCADA system can be tested together on a PC without using the hardware.“

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Technical Details

Supported operating systems	Windows XP, 2008R2, 7, 8.1, 10, 2012R2, 2016
Hardware requirements	Min. Pentium II 300 MHz, 256 MB RAM, 60 MB free hard disc space
Command range	Like S7-CPU 416
In-/Outputs	16 KByte/ 16 KByte
Flags	16 KByte
S7 counter/timer	2048/2048
Quantity FC/FB/DB	2048/2048/4095
Local data per OB	16 KByte
Working memory RAM	8 MB





 Different instances of AC-
 CONtrol S7-Win32/SIM can
 communicate with each
 other. You can test different
 scenarios by simulating the
 input signals of the first
 instance with the second one.