CODESYS Control Win SL

CODESYS Control Win SL is an IEC 61131-3 SoftPLC for PC-based industrial controllers (PLCs) under Windows with soft real-time properties.

Product description

Licensing:

Single Device License

The CODESYS Control Win SL turns an industrial PC into a universally usable high-performance PLC - almost arbitrarily scalable via the PC performance. The system is suitable for applications without tough requirements on real-time behavior and is equipped with the add-on CODESYS KNX SL is also used in buildings.

The runtime system supports numerous I/O interfaces such as discrete input/output or fieldbus cards as well as integrated IEC 61131-3 protocol stacks. The fieldbuses are configured directly in the CODESYS Development System - without the use of additional tools.

Benefits

- Communication with the CODESYS Development System
- Loading, management and execution of the application code compiled by CODESYS in binary format
- Debugging of the application within CODESYS
- Handling of the I/O systems and fieldbuses
- Execution of optional components (see section "Product options")
- Support of remanent data: hard disk, flash card, battery buffered SRAM card

Interfaces

- CODESYS OPC UA Server, as full version for data exchange.

Fieldbus support

With the delivery of the Runtime Package the following fieldbuses are supported:

- CODESYS CANopen Manager / Device
- CODESYS EtherCAT Master
- CODESYS EtherNet/IP Scanner / Adapter
- CODESYS J1939
- CODESYS Modbus TCP Master / Slave
- CODESYS Modbus Serial Master / Slave
- CODESYS PROFIBUS Master
- CODESYS PROFINET Controller / Device
- CODESYS Sercos III Master

Product options

The product can be extended by the following chargeable product options:

- CODESYS BACnet SL
- CODESYS KNX SL
- CODESYS SoftMotion SL
- CODESYS SoftMotion CNC+Robotics SL
- CODESYS TargetVisu
- CODESYS WebVisu

Detailed information can be found in the CODESYS Online Help.

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General information

Supplier:

CODESYS GmbH

Memminger Strasse 151

87439 Kempten

Germany

Support:

https://support.codesys.com

Item:

CODESYS Control Win SL

Item number:

2302000003

Sales:

CODESYS Store

https://store.codesys.com

Included in delivery:

- .zip file with Setup.exe (32/64 bit)
- License key, for single core usage of the IEC tasks

System requirements and restrictions

Programming System	CODESYS Development System V3.5.17.0 or higher
Runtime System	CODESYS Control V3.5.17.0
Supported Platforms/ Devices	Executable under Embedded (32/64 Bit) / Windows 8 and 10
	The versions maintained by Microsoft are supported.
	Note: Use the tool "Device Reader" to find out the supported features of your device (free of charge component of CODESYS Development System).
Additional Requirements	-
Restrictions	No "hard" real-time
Licensing	Single Device License: The license can be used on the target device/PLC on which the CODESYS Runtime System is installed.
	Licenses are activated on a software-based license container (soft container), which is permanently connected to the controller. Alternatively the license can be stored on a CODESYS Key (USB-Dongle). By replugging the CODESYS Key, the license can be used on any other controller
	Note: In demo mode, the software runs for two hours without a license. After that, a manual restart is required.
Required Accessories	Optional: CODESYS Key

Note: Not all CODESYS features are available in all territories. For more information on geographic restrictions, please contact sales@codesys.com.

Note: Technical specifications are subject to change. Errors and omissions excepted. The content of the current online version of this document applies.