



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

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

Vendor:

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 V3.5.16.30 or higher
Runtime System	CODESYS Control V3.5.16.30
Supported Platforms/ Devices	<p>Executable under Embedded (32/64 Bit) / Windows 8 and 10</p> <p>The versions maintained by Microsoft are supported.</p> <p>Note: Use the tool "Device Reader" to find out the supported features of your device (free of charge component of CODESYS Development System).</p>
Additional Requirements	-
Restrictions	<p>No "hard" real-time</p> <p>Single device licensing</p>
Licensing	<p>License activation optional on CODESYS Key or CODESYS Softcontainer (free of charge component of CODESYS Controls). Licensing via CODESYS Softcontainer is strictly linked to the selected hardware.</p> <p>Note: Without a license the software runs in demo mode for two hours (manual restart is possible).</p>
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.