



## CODESYS Control for Linux Multicore SL

CODESYS Control Linux MC SL is an extension of CODESYS Control Linux SL – an IEC 61131-3-compliant SoftPLC for PC-based industrial controllers running on Linux with soft real-time properties.

### Product description

#### Licensing:

Single Device License

CODESYS Control Linux Multicore SL extends an existing industrial PC, on which CODESYS Control Linux SL is installed, to a multicore (MC) high-performance PLC. This can process its IEC application specifically on multiple CPU cores. The system is suitable for applications with soft demands on the real-time behavior.

#### Benefits

- Extension of CODESYS Control Linux SL for multicore support (all CPUs)
- Extension of the CODESYS Development System for binding individual IEC applications to different CPU cores
- Debugging of the multicore application within CODESYS

#### Fieldbus support

The fieldbuses of CODESYS Control Linux SL are supported in single-core operation.

#### Product options

None

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## General information

### Supplier:

CODESYS GmbH  
 Memminger Strasse 151  
 87439 Kempten  
 Germany

### Support:

<https://support.codesys.com>

### Item:

CODESYS Control for Linux MC SL

### Item number:

2302000031

### Sales:

CODESYS Store

<https://store.codesys.com>

### Included in delivery:

- License key

## System requirements and restrictions

<b>Programming system</b>	CODESYS Development System V3.5.17.0 or later
<b>Runtime system</b>	CODESYS Control for Linux SL V4.1.0.0 or later ,
<b>Supported platforms and devices</b>	Runs on Debian-based Linux (64-bit) with multicore CPU  Note: Use the tool "Device Reader" to find out the supported features of your device (free of charge component of CODESYS Development System).
<b>Additional requirements</b>	Installation of CODESYS Control for Linux SL
<b>Restrictions</b>	-
<b>Licensing</b>	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.
<b>Required Accessories</b>	Optional: CODESYS Key

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