



## CODESYS Virtual Control SL

Scalable, hardware-independent, easy to maintain, secure - with CODESYS Virtual Control SL, you can use the next generation of soft PLC on almost any x86- or ARM-based Linux device, with any number of instances and scalable performance.

### Technical Description

<b>Product</b>	<i>CODESYS Virtual Control for Linux SL</i>
DeliveryForm	CODESYS Package, which includes Container Images based on OSADL Base Image
Licensing	Application based networklicensing
Demo-/Test-Mode	yes, 2 hours
<b>Required Ressources</b>	
CPU-Architecture	x86_64, ARM, ARM64

## General information

### Supplier:

CODESYS GmbH  
 Memminger Strasse 151  
 87439 Kempten  
 Germany

### Support:

Technical support is not included with this product. To receive technical support, please purchase a CODESYS Support Ticket.

<https://support.codesys.com>

### Item:

CODESYS Virtual Control SL

### Item number:

Requires application-based licenses

### Sales/Source of supply:

CODESYS Store  
<https://store.codesys.com>

### Included in delivery:

CODESYS package, which contains the runtime system as a Debian package and as a container image.

## System requirements and restrictions

<b>Programming system</b>	CODESYS Development System V3.5.20.10 or higher
<b>Runtime system</b>	CODESYS Virtual Control SL V4.12.0.0 or higher
<b>Supported platforms</b>	<ul style="list-style-type: none"> <li>• OS: Debian Linux, RedHat Enterprise Linux, Yocto Linux</li> <li>• CPU: x86-64, ARM, ARM64</li> </ul>
<b>Additional requirements</b>	<ul style="list-style-type: none"> <li>• Support of a container engine required (Docker/ Podman)</li> <li>• Kernelversion <math>\geq 6.1</math> (Debian 12 - OSADL-Dockerimage)</li> <li>• Python3, SSH Server preinstalled</li> <li>• Network license server available (CODESYS LicenseServer)</li> <li>• IProute2 preinstalled</li> <li>• Optimization of realtime capabilities of the system:</li> </ul>

- Hardware, BIOS, RT-Preempt-Kernel, no graphical UI

**Limitations**

No support for WSL (Windows subsystem for Linux) based systems

**Licensing**

Application based license: The CODESYS Control SL runtime system can be licensed with an application-based license.

The license is activated on a software-based license container (soft container) that is permanently bound to the device. Alternatively, the license can be stored on a CODESYS key (USB dongle).

Note: The licensing is done through the application based licenses

**Required accessories**

CODESYS LicenseServer for Linux SL

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

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