



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

Product	<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
Required Resources	
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

Programming system	CODESYS Development System V3.5.20.10 or higher
Runtime system	CODESYS Virtual Control SL V4.12.0.0 or higher
Supported platforms	Debian Linux, RedHat Enterprise Linux, Yocto Linux CPU: x86-64, ARM, ARM64
Additional requirements	Support of a container engine required (Docker/Podman) Kernelversion >= 5.10 (Debian 11 - OSADL-Dockerimage) Python3, SSH Server vorinstalliert Network license server available (CODESYS LicenseServer) Optimization of realtime capabilities of the system: Hardware, BIOS, RT-Preempt-Kernel, no graphical UI
Limitations	None
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: 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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