CODESYS OPC DA Server SL

The CODESYS OPC DA Server SL enables direct OPC DA communication with all CODESYS programmable controllers.

Product description

The OPC DA Server is able to communicate with both, V3 as well as V2.3 PLCs, at the same time. Furthermore a missing PLC can be simulated. Then a symbol file with all symbols instead of the PLC provides the OPC DA server the symbol pool (XML file or SDB file).

A detailed description of all functionalities and commissioning can be found in the CODESYS OPC DA user guide (part of the setup).

Thereby, the CODESYS OPC Server V3.x supports the following OPC specifications:

- OPC Common Definitions and Interfaces Version 1.0
- Data Access Custom Interface Standard Version 1.0
- Data Access Custom Interface Standard Version 2.05A
- Data Access Custom Interface Standard Version 3.0
- Data Access Automation Interface Standard Version 2.0
- Alarms and Events Custom Interface Version 1.1

Communication between OPC Server and PLC can be carried out via one of the following interfaces:

- Gateway V3
- Gateway V2.3
- ARTI
- ARTI3
- SIMULATION
- SIMULATION3

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 OPC DA Server SL

Item number:

2302000028

Sales/Source of supply:

CODESYS Store
https://store.codesys.com

Included in delivery:

- Windows setup
- License ticket

System requirements and restrictions

Programming System	CODESYS Development System V3 or V2.3
Runtime System	CODESYS Control V3 oder V2.3
Supported Platforms/ Devices	Windows 8/10 The versions maintained by Microsoft are supported.
Additional Requirements	OPCConfig (part of the setup)
Restrictions	-
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: A 30-day demo license is available for this product.
Required Accessories	Optional: CODESYS Key

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

Creation date: 2026-09-24