



## CODESYS Edge Gateway for Linux

The CODESYS Edge Gateway is an extended CODESYS Gateway connecting the CODESYS Automation Server to CODESYS PLCs in a local network.

### Product description

#### Licensing:

No license is required.

The CODESYS Edge Gateway allows the CODESYS Automation Server and all clients that establish a connection via the Automation Server (CODESYS, Webvisu/Browser) full access to all services provided by the runtime system via communication interfaces. It can be operated on a controller or on a stand-alone device in the local network.

#### Configuration of CODESYS Edge Gateway

The configuration of the CODESYS Edge Gateway is done by CODESYS Automation Server Connector (CODESYS plug-in). The URL of the CODESYS Automation Server is transferred to the CODESYS Edge Gateway and certificates for a secure TLS connection are calculated and exchanged.

 The screenshot shows a Windows-style dialog box titled "Connect Edge-Gateway". It has three main sections:
 

- CODESYS Automation Server**: Contains a "Server URL:" text box.
- Edge Gateway Communication settings**: Contains a "Gateways:" dropdown menu, an "Address:" text box, a "Port:" text box with "1217" entered, and a "Test Connection" button.
- Edge Gateway details saved on the CODESYS Automation Server**: Contains a "Name:" text box and a "Description:" text box.

 At the bottom are "OK" and "Cancel" buttons.

Picture 1: Configuration of CODESYS Edge Gateways with CODESYS Automation Server Connector

Note: The communication between the CODESYS Automation Server Connector and the CODESYS Edge Gateway is unencrypted. The configuration of a CODESYS Edge Gateway must always be carried out in a secured network.

## General information

**Supplier:**

CODESYS GmbH  
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 87439 Kempten  
 Germany

**Support:**

<https://support.codesys.com>

**Item:**

CODESYS Edge Gateway for Linux

**Item number:**

000120

**Sales:**

CODESYS Store

<https://store.codesys.com>

**Included in delivery:**

- Setup file
- License agreement

## System requirements and restrictions

<b>Programming System</b>	CODESYS Development System Version 3.5.16.0 or higher (Only required for the configuration of the gateway)
<b>Runtime System</b>	CODESYS Control V3.5.10.0 or higher
<b>Supported Platforms/ Devices</b>	<ul style="list-style-type: none"> <li>• Debian- or Ubuntu-based Linux (32/64 Bit)</li> <li>• CPU: x86, x64, ARMv7, ARMv8</li> </ul>
<b>Additional Requirements</b>	<ul style="list-style-type: none"> <li>• Access to a CODESYS Automation Server</li> <li>• Installation of CODESYS Automation Server Connector plug-in</li> <li>• Reliable system clock on the target device running the CODESYS Edge Gateway.</li> </ul>
<b>Restrictions</b>	Currently no support for CODESYS V2 PLCs.
<b>Licensing</b>	No license is required.
<b>Required Accessories</b>	-

*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.*