



## CODESYS OPC UA XXL

The CODESYS OPC UA XXL license enables the use of both OPC UA server and OPC UA client functionality and allows the exchange **unlimited** data points.

### Product description

The publishing of data is done via OPC UA. Two use cases are supported for this:

- Variables of an application can be published by directly selecting them without having to define a specific information model.
- The usage of OPC UA Information Models. The support is implemented in a generic way. The object- and data types defined in information models can be converted to IEC data type declarations.

Receiving data is achieved by using data sources. The source can either be another CODESYS application or an OPC UA Server.

### Performance classes OPC UA

Performance classes	Number of data points
OPC UA S	512
OPC UA M	4096
OPC UA XXL	unlimited

### Base License

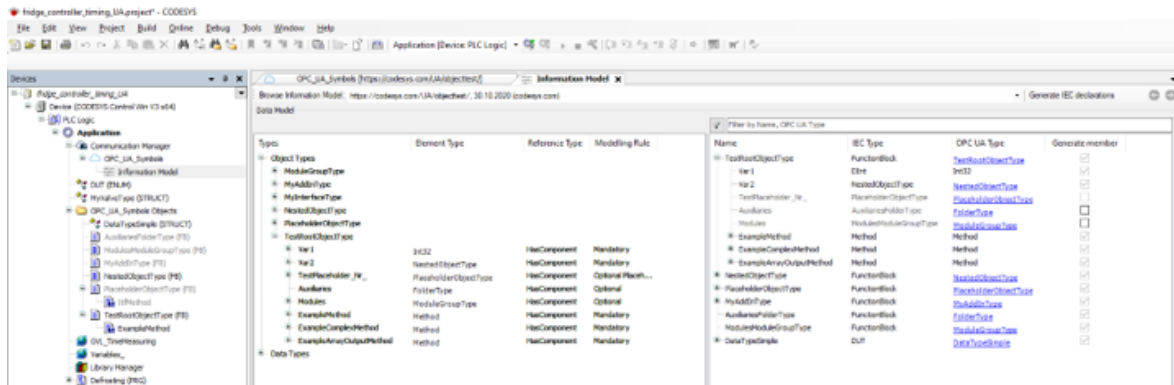
This license also acts as an upgrade license to upgrade from an already purchased application-based license (Base License) to a higher-performance license. The costs of the already purchased license (Base License) will be fully fully credited.

The CODESYS OPC UA S license is already included in the runtime system license by default.

The Base License must already be installed on the system, otherwise the license will be rejected during installation.

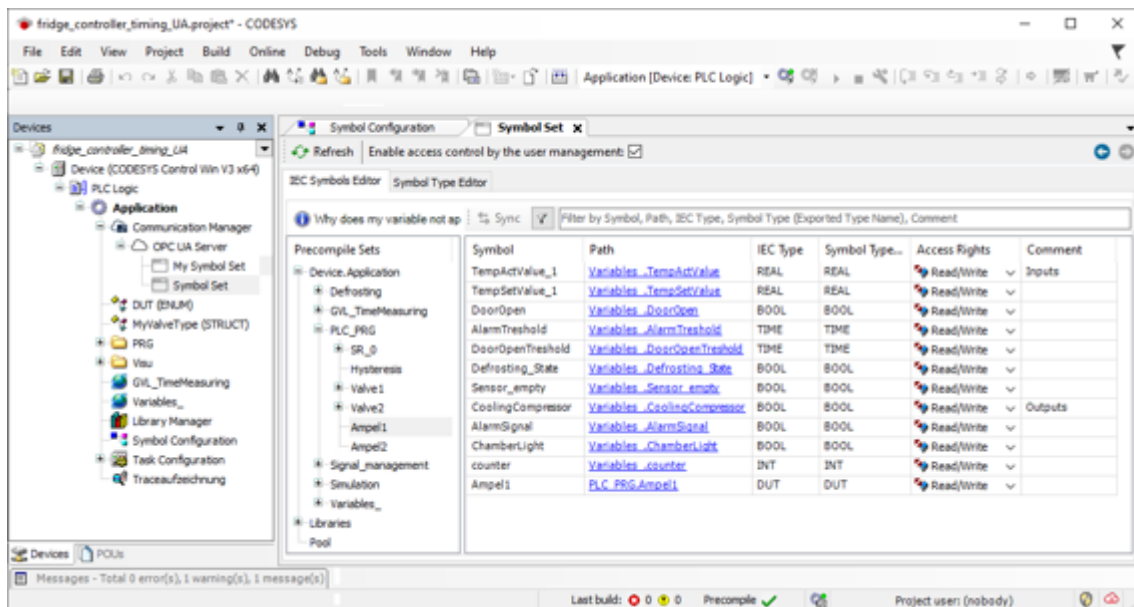
The OPC UA Information Models can be imported as NodeSet2.xml in CODESYS. A dedicated editor allows the conversion to the corresponding IEC declarations.

*Usage of an OPC UA Information Model*



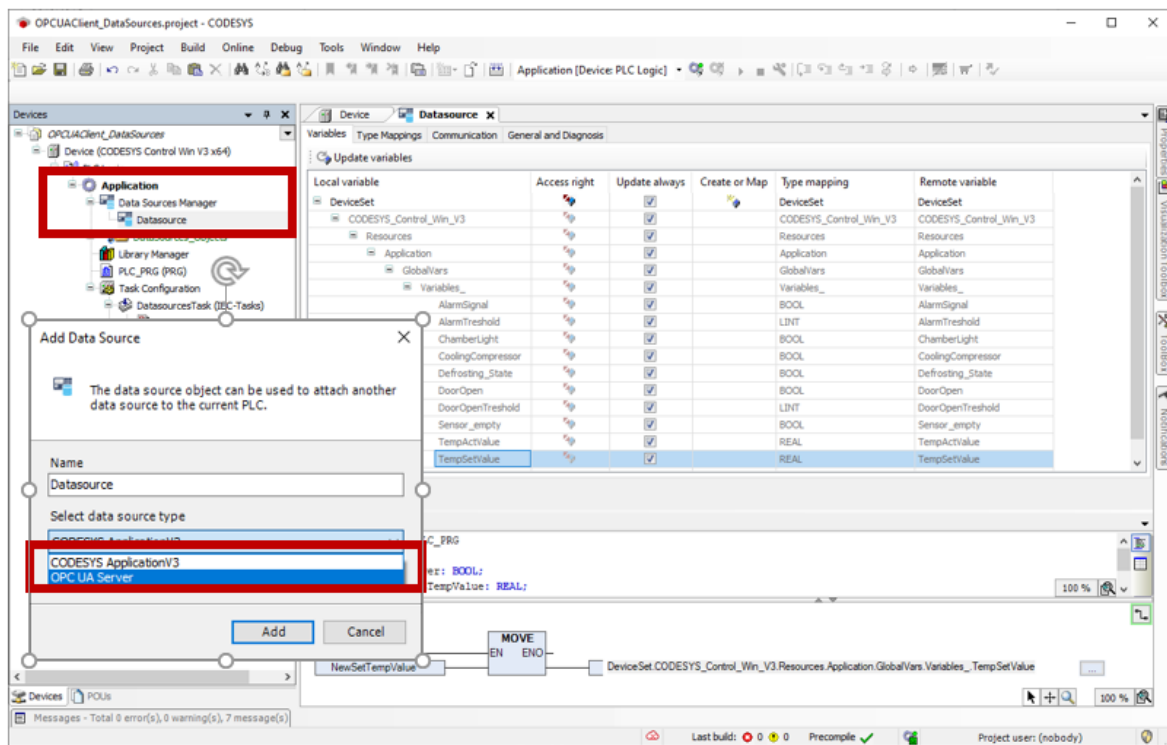
Variables of an application can also be published conveniently over OPC UA without usage of an Information Model.

### Publishing of variables using the Symbol Configuration



Data sources can be added and configured below the Data Sources Manager.

OPC UA data source



## 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 UA XXL

### Item number:

2302000055

### Sales/Source of supply:

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

### Included in delivery:

- Package consisting of the CODESYS Development System including license agreement and online help

## System requirements and restrictions

<b>Programming System</b>	CODESYS Development System V3.5.19.10 or higher CODESYS Communication V4.3.0.0 or higher
<b>Runtime System</b>	CODESYS Control V3.5.19.10 or higher
<b>Supported Platforms/ Devices</b>	CODESYS Store runtime products for Windows and Linux  Note: Use the project "Device Reader" to find out the supported features of your device. "Device Reader" is available for free in the CODESYS Store.
<b>Additional Requirements</b>	See license agreement. After installation, the user is responsible for implementing and checking the functionality of the combination of the software package and hardware according to device specifications.
<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 (no license for runtime and OPC UA), the software runs for two hours without a license. After that, a manual restart is required.

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**Required  
Accessories**

Optional: CODESYS Key

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*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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