CODESYS OPC UA M

The CODESYS OPC UA M license enables the use of both OPC UA server and OPC UA client functionality. and allows the exchange of up to **4096** 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

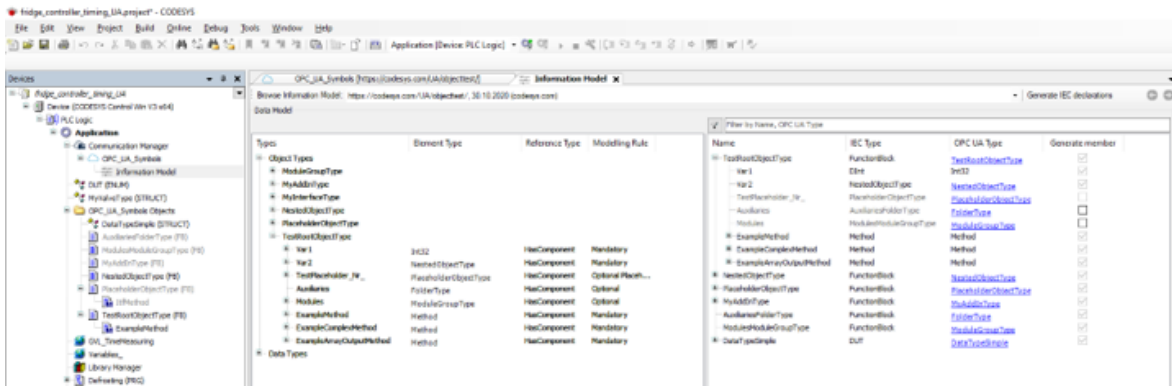| Performance classes	Number of data points
OPC UA S	512
OPC UA M	4096
OPC UA XXL	unlimited

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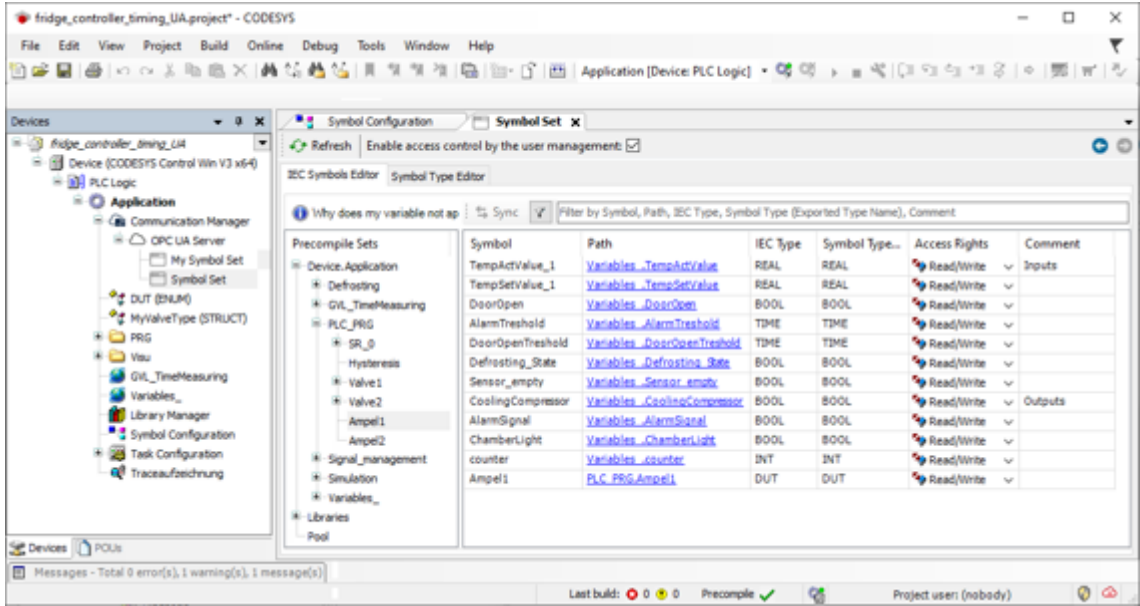
The OPC UA Information Models can be imported as NodeSet2.xml in CODESYS. A dedicated editor allows the conversion to the corresponding IEC declarations.

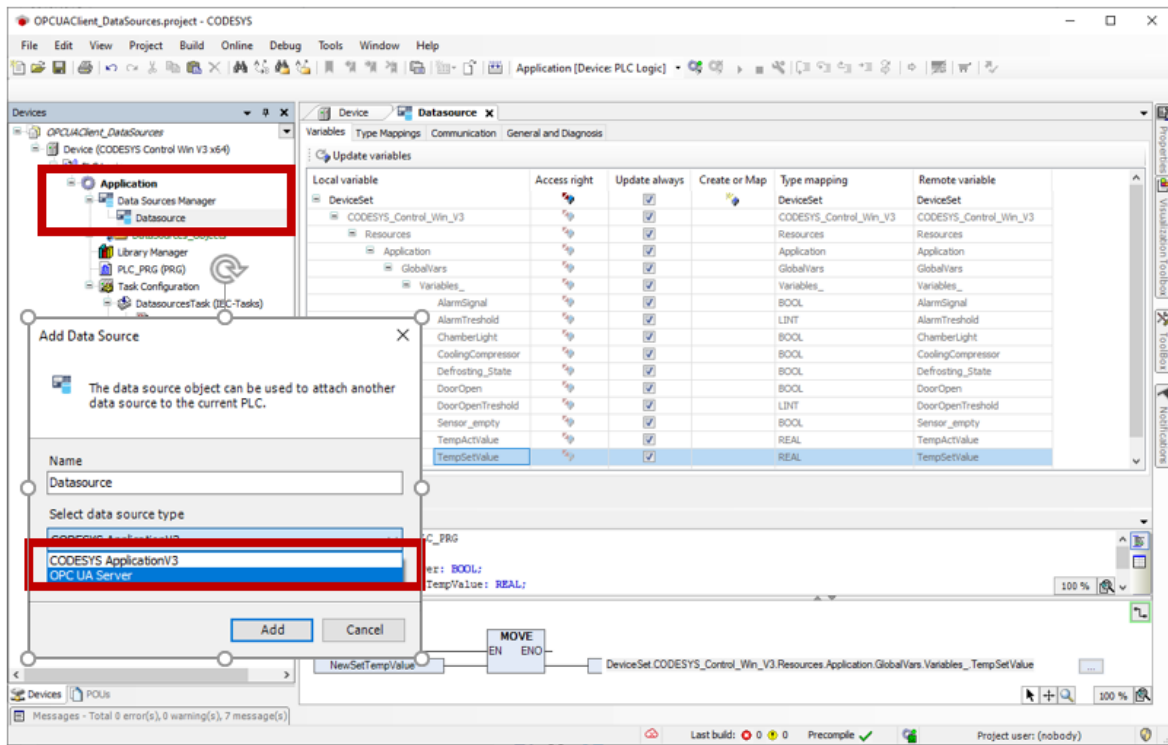*Usage of an OPC UA Information Model*

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 M

Item number:

2302000057

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

Programming System	CODESYS Development System V3.5.19.10 or higher CODESYS Communication V4.3.0.0 or higher
Runtime System	CODESYS Control V3.5.19.10 or higher
Supported Platforms/ Devices	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.
Additional Requirements	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.
Restrictions	-
Licensing	

DEVICE

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.

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: 2023-08-07