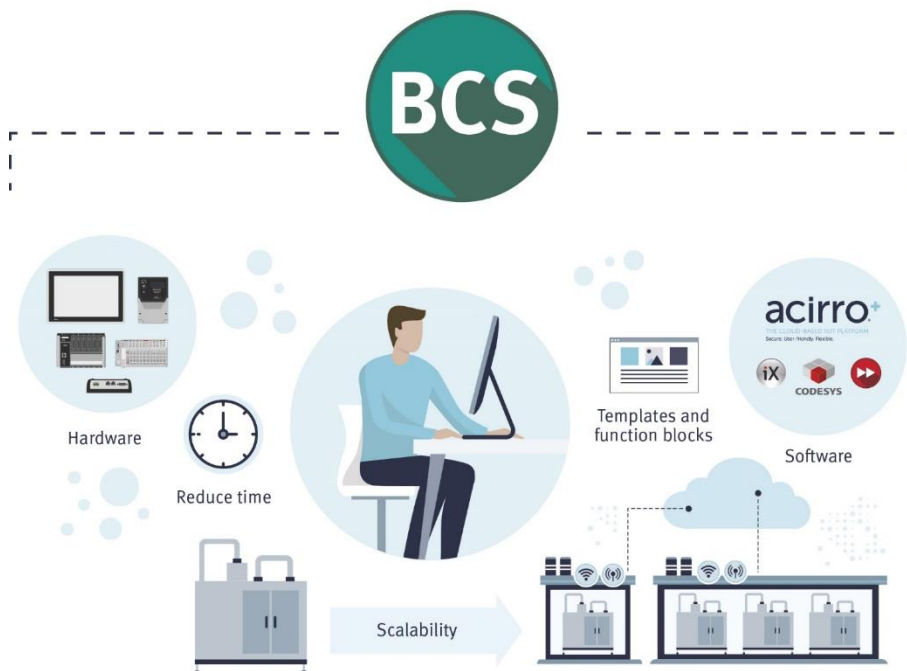


Quick start guide

Get NIC information

SER0037 - Get X2 Control's IP addresses and MAC IDs



1 Function and area of use

This document provides guidelines when working with SER0037.

Target device: X2 Control, BoX2 Control and BoX2 Pro Motion series, with embedded CODESYS runtime.

2 About this document

This quick start document should not be considered as a complete manual. It is an aid to be able to startup a normal application quickly and easily.

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Use the following hardware, software, drivers and utilities in order to obtain a stable application:

In this document we have used following software and hardware

- BCS Tools 3.31 or CODESYS 3.5 SP13 Patch 3
- X2 Control, BoX2 Control and BoX2 Pro Motion

For further information refer to

- Installation manual X2 Control (Maxx202)
- CODESYS Online Help
- [Beijer Electronics knowledge database, HelpOnline](#)

This document and other quick start documents can be obtained from our homepage. Please use the address support.europe@beijerelectronics.com for feedback.

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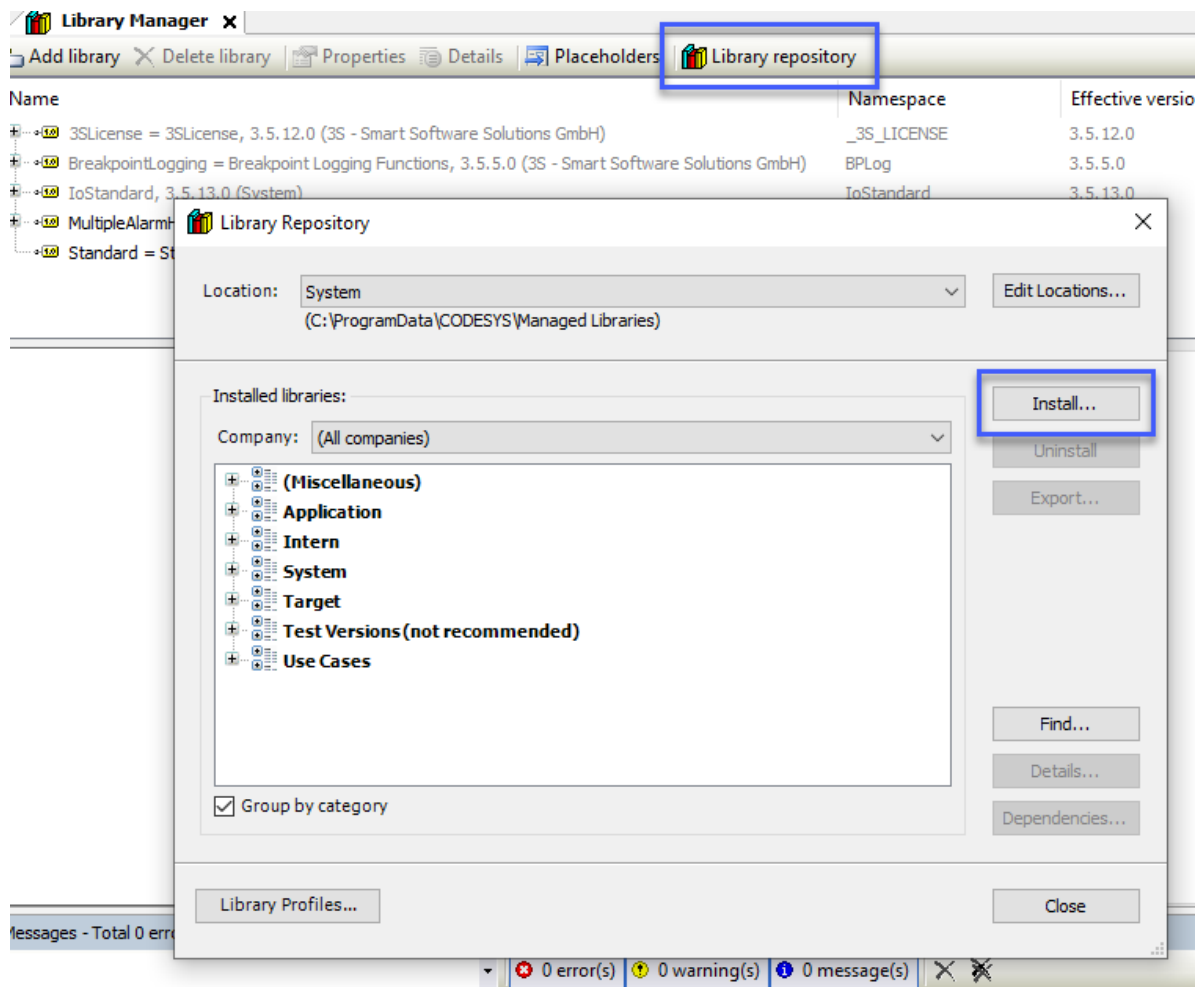
4 Preparing your editor

The following chapter describes important procedures and settings needed for a well functioning system.

4.1 Installation of the library to your editor

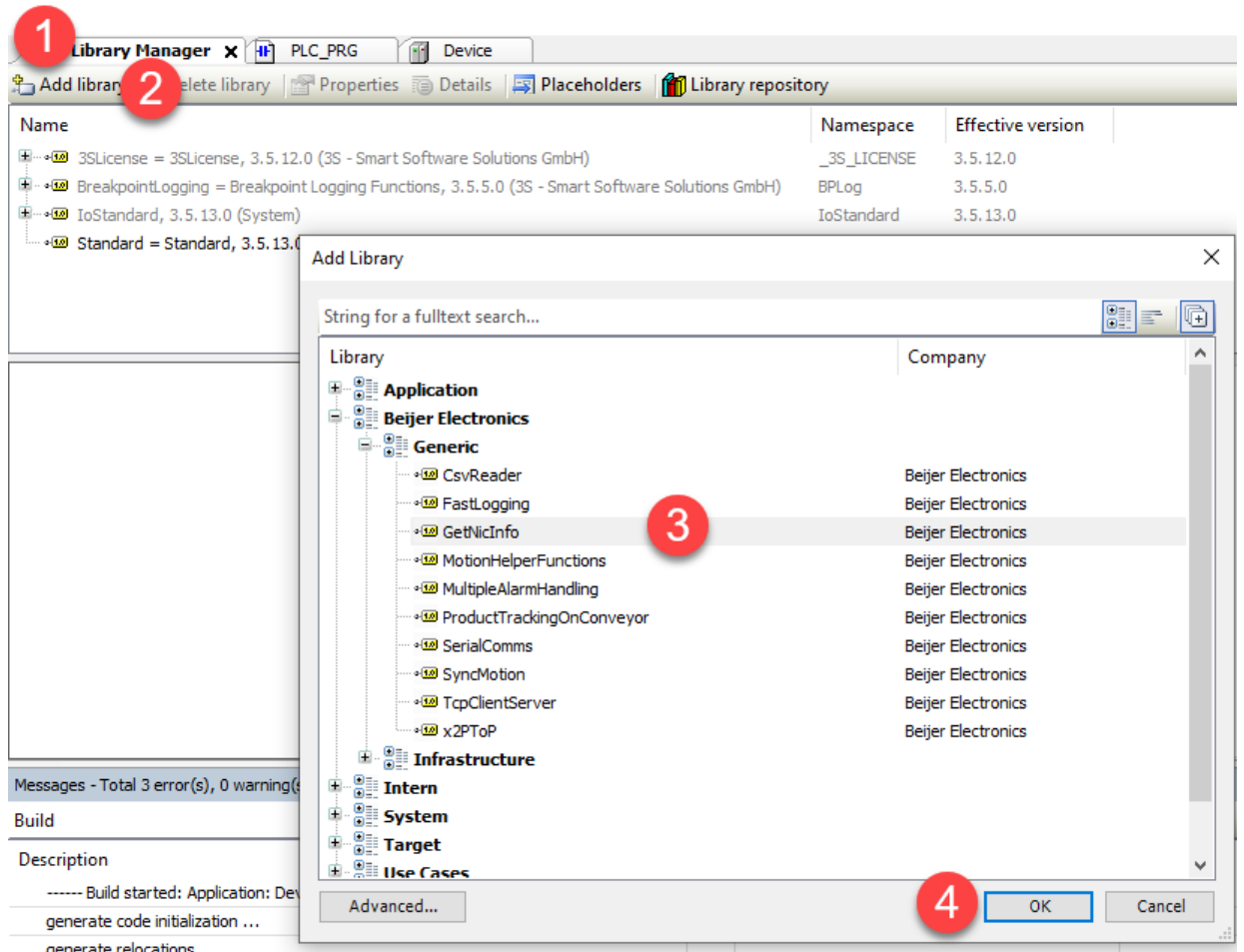
The *.compiled-library needs to be made available in your system so it can be included in projects. This is done by accessing the 'Library Manager' → 'Library Repository' then 'Install'.

Navigate to the folder where you have put the *.compiled-library. This procedure will need to be repeated if you use a new PC.



4.2 Add the library into your project

The library is now available for you to include in your specific project. If this library has not been added to a project before, it only appears in the 'Advanced' search. Subsequently, it will appear here too.

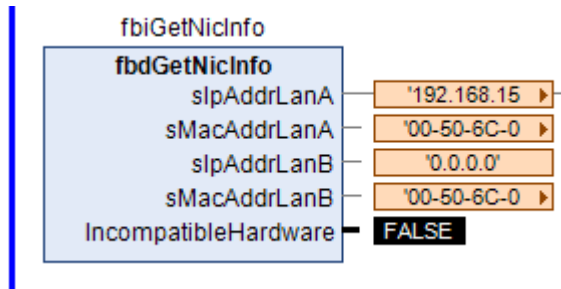


The selected library is now visible in the Library Manager. Its public objects and supplementary help is available here.

5 Describe use of each function

5.1 fbdGetNicInfo

Invoke one instance of the FB. It is interlocked internally to run for one scan only.



Name	Scope	Data Type	Description
sIpAddrLanA	VAR_OUT	STRING(15)	Lan A IP address
sMacAddrLanA	VAR_OUT	STRING(17)	Lan A MAC
sIpAddrLanB	VAR_OUT	STRING(15)	Lan B IP address
sMacAddrLanB	VAR_OUT	STRING(17)	Lan B MAC

6 About Beijer Electronics

Beijer Electronics is a multinational, cross-industry innovator that connects people and technologies to optimize processes for business-critical applications. Our offer includes operator communication, automation solutions, digitalization, display solutions and support. As experts in user-friendly software, hardware

and services for the Industrial Internet of Things, we empower you to meet your challenges through leading-edge solutions.

Beijer Electronics is a Beijer Group company. Beijer Group has a sale over 1.6 billion SEK in 2019 and is listed on the NASDAQ OMX Nordic Stockholm Small Cap list under the ticker BELE. www.beijergroup.com

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