Platform MX6
Software option S505
Application Protection

1   Identification

Identification	
Option ID	S505
Order number	Presales only
Short name	Application Protection
Brief description	With this software option it is possible to restrict the use of CODESYS applications and libraries to devices that have activated this custom license
Revision ID document	V1.0

2   System requirements and restrictions

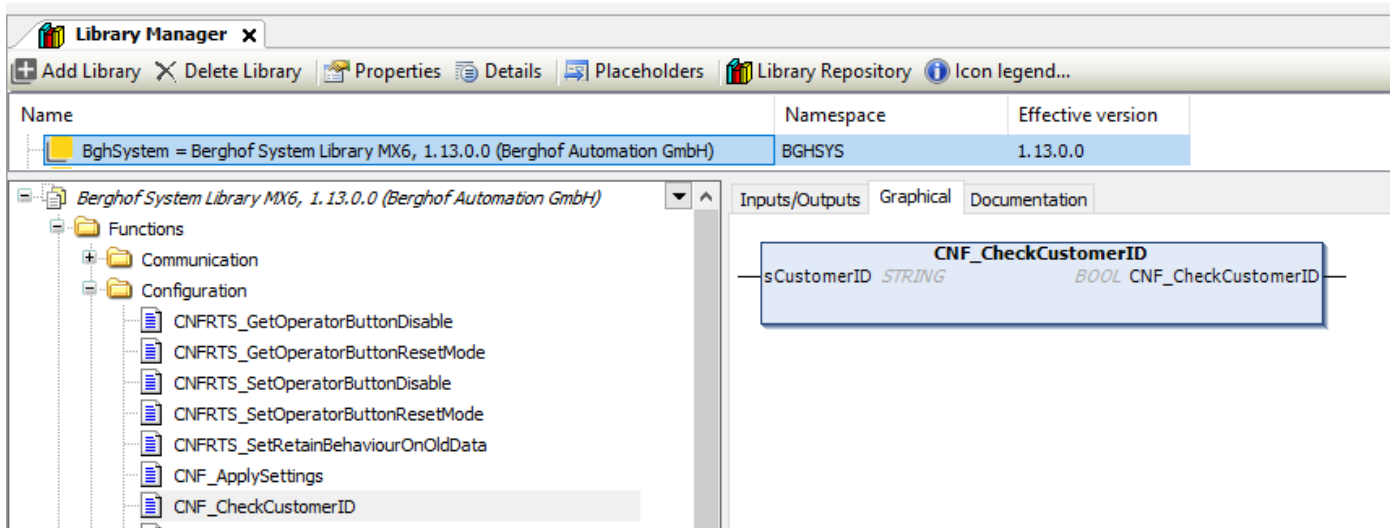| System requirements and restrictions	
Supported Platforms and devices	Berghof PLC devices of the MX6 platform (e.g.: MCs, CCs, DCs). Additional information regarding availability and compatibility can be found in options section of the product catalog.
Firmware	MX6 Version 1.23.0 or higher
Additional requirements	— Option must be pre-set at the factory — Berghof System Library MX6 (Target License Pro) in Version 1.13.0 or higher
Restrictions	— No subsequent licensing in the field possible

3 Product description

With this extension it is possible to protect CODESYS application or libraries against duplication. For this purpose, a unique customer identification is permanently programmed into the device before delivery. This identifier can be queried and checked with the help of our system library within CODESYS.

4 Quick Start Guide

4.1 Integrating application protection into the application

To use application protection, the CNF_CheckCustomerID function must be called from the Berghof System Library. This function checks if the passed customer number matches the one of the device.
It should be encapsulated within a library function for projects with open sources to prevent manipulation.

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