

CIP Safety Originator EtherNet/IP Evaluation License

Item number: 1.02.0501.60100

The Ixxat Common Industrial Protocol (CIP) Safety evaluation license enables the implementation of CIP Safety Originator devices on EtherNet/IP. It is an advanced solution for reliable and secure communication in industrial environments. This variant provides a 3-month evaluation period, after which users must either purchase a full license or entirely remove the software.



Common Industrial Protocol (CIP) Safety protocol stack

Features and benefits

✓ Comprehensive safety solution

Ixxat CIP Safety protocol stacks offer a comprehensive solution for porting Common Industrial Protocol (CIP) Safety Software to industrial devices, ensuring strict adherence to high safety standards.

✓ Streamlined integration with Ethernet/IP systems

Easy integration with Ethernet/IP systems thanks to provided code examples, allowing for a quick setup and efficient exchange of safe protocol packets between safe and non-safe communication layers.

✓ Adaptable to various systems

The interfaces enable portability to different hardware and software platforms, allowing for easy adaption to specific needs and reducing compatibility concerns.

✓ Simplified integration and recertification

Easy porting and (re-)certification of CIP Safety software on customer-specific platforms thanks to the included unit tests and the safety manual, along with clearly separated adaptation layers.

✓ Tailored implementation

Provided as C source code, allowing for customized integration into secure platforms and creating a solution for various requirements.

✓ Operating system independence

The software functions with or without an operating system and enables implementation in a wide range of environments, for high flexibility in deployment.

✓ Multi-connection support

The software is capable of handling multiple independent CIP Safety connections to manage several safety protocols simultaneously, increasing overall efficiency and scalability.

✓ High safety level assurance

Developed according to IEC 61508 for applications up to SIL 3, in compliance with the latest CIP Safety Specification, the software ensures a high standard of safety and reliable performance.

✓ Clear functional overview

The included PC example application offers a clear, detailed overview of functionality and application options of Target and Originator roles. This makes it easier to utilize the system effectively.

✓ Supported standards and platforms

Standard: CIP Safety specification in the current version /
Platforms: PC demo, pre-tested conformance in ODVA Testlab (on PXA255 and ARM Cortex-M3), pre-certified by TÜV Rheinland

CIP Safety Originator EtherNet/IP Evaluation License



Identification and Status

Product ID	1.02.0501.60100
Country of Origin	Germany
HS Code	Not Applicable
Dual Usage	No
Export Control Classification Number (ECCN)	EAR99

Physical Features

Contains Battery	No
------------------	----

Certifications and Standards

ETIM Classification	EC001435
TÜV	Yes