Ixxat®
BY HMS NETWORKS

FSoE SubDevice (Slave) Evaluation License

Item number: 1.02.0502.60000

The Ixxat Functional Safety over EtherCAT (FSoE) evaluation license enables the implementation of EtherCAT SubDevice (Slave) functionalities in safety-critical industrial applications, providing reliable and secure communication. This variant provides a 3-month evaluation period, after which users must either purchase a full license or remove the software.

Functional Safety over EtherCAT (FSoE) protocol stack

Features and benefits

✓ **Comprehensive safety solution**

Ixxat Functional Safety over EtherCAT (FSoE) software delivers efficient industrial safety communication, providing a multitude of communication options and robust protocol management.

✓ **Multi-instance support for parallel functionality**

The FSoE software allows parallel instantiation, both for SubDevice and MainDevice functionality, providing a multitude of communication options for the safe applications with a single device.

✓ **High safety level assurance**

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

✓ **User-friendly setup**

The best way to assess the FSoE software is through a PC example application, along with the safety manual guiding through integration, testing procedures, and configuration steps for the software.

✓ **Supported standards and platforms**

Standard: FSoE Specification ETG.5100 (implemented according to latest standard implemented and tested) / Platforms: PC demo, conformance tested, pre-certified by TÜV Rheinland

✓ **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.

✓ **Flexible interface structure**

The clearly structured software interfaces and abstraction layers enable the use of different non-safe EtherCAT communication interfaces, such as the Anybus CompactCom Module.

✓ **Simplified integration and recertification**

Easy porting and (re-)certification of FSoE 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.

Identification and Status

Product ID	1.02.0502.60000
Country of Origin	Germany
HS Code	Not Applicable
Export Control Classification Number (ECCN)	EAR99
Supply Risk Factor ERP	Volume not defined yet

Certifications and Standards

ETIM Classification	EC001435