ISIT
Cybersec & Safety Partners

FSoE Software protocol Stack
(MainInstance / SubInstance)

STACK FSoE

ISIT's **Safety over EtherCAT protocol stack** delivers certified functional safety without hardware constraints. As a **software solution**, it integrates seamlessly with your existing EtherCAT applications.

MainInstance (Master) or SubInstance (Slave): reduce integration complexity, accelerate certification and maintain complete control over your hardware choices.

Safety over **EtherCAT®**

Low HW footprint

Pre-Certified

Infinitely Scalable

KEY BENEFITS

- **IEC 61784-3-12 compliant**: fully standard and interoperable
- **Pre-certified up to SIL 3 (PLe)**: reduces your certification time and cost
- **MainInstance / SubInstance versions**: implement full Safety solution
- **Easy API integration**: short learning curve for your teams
- **Interoperability**: works with most existing EtherCAT stacks
- **SiL Ready**: Early safety network simulation powered by Acontis EC-Simulator.
- **Expert support**

( ) The FSoE MainInstance can be deployed either on the EtherCAT MainInstance OR on any EtherCAT SubInstance

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