FSoE Software protocol Stack
(MainInstance / SubInstance)

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.

Available as **MainInstance (Master) or SubInstance (Slave),** it reduces integration complexity, accelerate certification and maintain complete control over your hardware choices.

FSoE STACK

Safety over **EtherCAT®**

Minimal HW dependancy

Pre-Certified

Highly Scalable

KEY BENEFITS

- **IEC 61784-3-12 compliant**: fully interoperable with standard
- **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
- **Easy testing**: 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