

FSoE Software protocol Stack

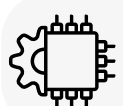
(MainInstance / SubInstance)



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.

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

Safety over
EtherCAT®



Hardware
Agnostic



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**

