

# FUNCTIONALLY SAFE SOFTWARE



## OBTAIN SIL CERTIFICATION FOR YOUR END PRODUCT IN ACCORDANCE WITH IEC61508

*Do you need support with the planning, documentation, implementation, validation, or verification of your software in the field of functional safety according to IEC 61508? We support you from the start of the project through to certification.*

### EXPERIENCE SUCCESS FOR YOUR BUSINESS



The software contains the necessary measures for the SIL to be obtained



High software quality through compliance with functional safety measures



Minimization of the risk of errors - errors are analyzed and taken into account at an early stage

### ARE YOU FAMILIAR WITH THESE CHALLENGES?

- > Uncertainty in the development of functionally safe software
- > Lack of experience in error analysis on microcontrollers
- > Uncertainty in the specification of diagnostics
- > Overwhelmed by toolchain selection and test methods

### OUR SOLUTIONS

- ✓ Consultation on functional safety (IEC 61508)
- ✓ Requirements analysis & software architecture
- ✓ Development of safe software & diagnostics
- ✓ Toolchain & microcontroller selection
- ✓ Tool analysis & safety concept review
- ✓ Test execution & coordination with testing agency

## IS THIS TOPIC RELEVANT TO ME?

Yes, if you want to launch functionally safe products that are not purely discrete in design.

