

DE0101 Introduction to IEC 61508: Functional Safety of E/E/PE Safety-Related Systems

Who should attend?

- ◆ Development Engineers (System, Hardware and Software)
- ◆ Product Managers
- ◆ Project Leaders of safety related development projects
- ◆ Managers responsible for establishing of work processes
- ◆ Quality managers

Duration:

1 day (or in-house, jointly agreed, please contact us for more information)

Language:

Can be chosen between German or English, training material will be in English

Location:

exida.com GmbH office
Prof.-Messerschmitt-Straße 1
85579 Neubiberg / Germany

Certificate:

Each participant gets a letter of attendance.

For more information, please contact:

Kerstin Tietel

+49 89 44118232

 kerstin.tietel@exida.com

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Agenda and Content

- ◆ Functional Safety general overview
- ◆ Relevant standards
- ◆ E/E/PE Functional Safety Lifecycle according to 61508
- ◆ What is required to achieve a certain Safety Integrity Level (SIL)?
- ◆ Relationship between the manufacturer (IEC 61508) and the end-user (IEC 61511)
- ◆ Systematic and random faults
- ◆ System, Hardware (incl. Mechanics) and Software design and development
- ◆ Safety Manual