DE0308 Functional Safety for Autonomous Systems

This training lays the foundation for understanding **Functional Safety for Autonomous Systems**, one of the most critical topics for the future of highly automated and intelligent platforms. It focuses on ensuring safety integrity throughout the lifecycle of autonomous systems.

You will gain practical guidance and insights on:

- **Understanding and interpreting relevant standards** (including key concepts, safety lifecycle, safety goals, SIL determination, etc.)
- **Safety Mechanisms and Safety Cases**
- **Interaction between Functional Safety, AI and Autonomous Functions**
- **Common Safety Pitfalls and Lessons Learned** based on real-world examples from diverse sectors

Learning Objectives

By the end of this training, you'll have the essential know-how to ensure functional safety in autonomous systems. Learn how to set safety goals, assign Safety Integrity Levels (SILs), and navigate the IEC 61508 lifecycle from planning to assessment. Discover how Operational Design Domains (ODDs) shape safety concepts, explore the role of ISO 8800 in future frameworks, and understand the creation of Safety Cases that clearly demonstrate compliance and build trust in your system's safety.

DE0308 Functional Safety of Autonomous Systems

Who should attend?

- Start-up Innovators developing autonomous platforms, robotics, or AI-driven solutions
- Military technology professionals working on autonomous defense systems
- Functional Safety Engineers
- Autonomous System Safety Leads
- Product Managers and Project Leaders responsible for autonomous or safety-critical systems

Duration:	1 day (or in-house, jointly agreed, please contact us for more information)
Language:	Depending on the participants the training will be given in German or English. The training material will be in English
Location:	*exida.com* GmbH office Prof.-Messerschmitt-Str. 1 85579 Neubiberg / Germany or online
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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