

Mature & Safe - Automotive SPICE®, Functional Safety, and their Mutual Relationships

Managers and executives involved in the development of safety-related systems with electronic and software components need to know what contribution they are expected to make, and which impact the development of such systems has on their organization and their projects. In the automotive industry, Automotive SPICE® - based on ISO/IEC 15504 - has become a mandatory standard and ticket-to-trade. The integration of Functional Safety - based on ISO/DIS 26262 - and Automotive SPICE® needs to be addressed systematically, if unnecessary efforts and inconsistent process changes are to be avoided - especially, as safety and process assessment standards generally support each other.

Objectives

- To understand the architecture and principles of Automotive SPICE®
- To have a basic understanding of the responsibilities and risks associated with the development of safety-related systems from an executive perspective
- To have a basic understanding of the life cycle of the Automotive SPICE®, IEC 61508, and ISO/DIS 26262 standards
- To be able to consider the investments, improvement effort, and key performance indicators of an Automotive SPICE® and Functional Safety compliant engineering environment

Attendees and Prerequisites

This seminar is designed for

- Managers and executives of all levels, whose area of responsibility includes the development of potentially safety-related systems that involve electronic and software components
- People/staff engaged in the development and improvement of in-house processes

Knowledge of system and software engineering is helpful, but not a must.

Participants receive

- Certificate of attendance
- Course materials and the results of their exercises and discussions
- Kugler Maag Cie Pocket Guide Automotive SPICE®

Trainers

Our trainers are all recognized experts with many years experience in performing assessments and implementing improvements in the context of the development of software determined systems in the automotive industry. They advise OEMs and suppliers on the implementation of safety standards and report from the field for the field.

Dates and Times

- Duration: 1 day

This courses can only be booked as individual in-house training course. Its content will thereby be tailored exactly to your needs. We will be happy to advise you!

From practical experience for use in practice.

Our trainers are the authors of the book
 „Automotive SPICE® in the Field“ (Markus Müller, Dr. Klaus Hörmann et.al.; dpunkt publishers, issued 2008) and
 „Funktionale Sicherheit in der Praxis“ (Peter Löw, Dr. ERwin Petry, Roland Pabst, dpunkt publishers, 2010).

Contact

Mrs. Ute Schieß
 training@kuglermaag.com
 Phone: +49 (0)7154 1796 124

Kugler Maag Cie is partner of the SEI, founding member of intacs™ and training partner of the VDA-QMC.

