

Webinar: MbD for Automation Technology, Robotics, and Engineering

This webinar will demonstrate crucial quality standards and their implementation in automation technology, robotics, and engineering. Get first-hand insight into model-based design in these areas and its application. You will also receive practical advice about using model-based design.

Date 1: Tuesday, July 04, 2017
Time: 4 p.m. - 5 p.m. CEST

Date 2: Wednesday, July 05, 2017
Time: 10 a.m. - 11 a.m. CEST

► [Register here](#)



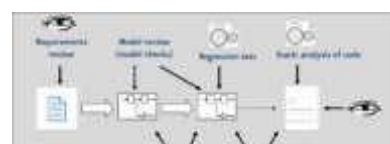
MXAM v.4.2 Enables Convenient Application of Complete Workflow for Static Model Checking

The evaluation of model quality and the review of automatically checkable and non-checkable guidelines are optimally supported in the peer review. With the newest version of MXAM, quality managers, function developers, and reviewers can execute their respective workflows comfortably and according to their needs. In this way, resources and work products can be allocated in the best way possible.

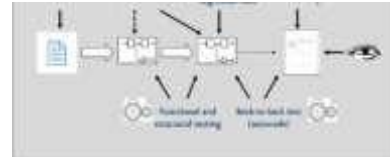
► [Learn more](#)



Successfully Applying IEC 61508 for



Embedded Systems



The growth of automation in industry makes this standard essential for safety-critical and future-oriented systems, like heat pumps or directional drilling systems. At this year's safe.tech, MES successfully held a workshop on the topic "Model-based Development in Compliance with IEC 61508". This offers a guide to implementing the standard in model-based software development. The workshop can be booked as an inhouse training workshop (held at your premises) from now and will be added to the regular MES training workshop program in 2018.

► [Learn more](#)

MQC Scores among Industry Experts at the Digital Innovation Forum



At the innovation market Digital Innovation Forum 2017 (DIF), MES presented the MQC framework for monitoring product quality in embedded software, under the umbrella of smart Mobility. The presentation took place as part of a demonstration of the European development project ASSUME. The ASSUME demonstration showed the audience how the framework delivers quick feedback on the status of the quality of continuously developed software. For this purpose, various quality assurance tools are tied in to MQC, and key data on tracing and monitoring of quality are collected. This results in real-time monitoring of product quality, which quickly highlights any risks regarding quality, safety, time, and costs, and allows these to be acted upon early.

► [Learn more](#)

Highest Quality in the MES Test Center: 100% of Employees are ISTQB®-certified



The MES Test Center team has put itself to the test. New team members have also passed the ISTQB® Certified Tester exam, following a two-month orientation period in the MES Test Center. As a result, all MES Test Center team members are ISTQB®-certified. This is a hallmark of the quality of the testing services provided by the MES Test Center; ultimately, ISTQB® Best Practices are now established in all current and future MES Test Center projects.

► [Learn more](#)

MES Summer School



The first MES Summer School is now behind us. In five days, participants became proficient in model-based development.

A big thank you to all participants for this exciting and lively week!

We are already looking forward to next year's edition in Berlin!



Important Dates 2017

Webinars

July 4 + 5, 2017

[Software Drives Product Quality in Automation, Robotics, and Engineering](#)

July 11, 2017

[Online meeting Modeling Guidelines Interest Group \(MGIGroup\)](#)

August 29 + 30, 2017

[Implementing ISO/IEC 25010 on SW Product Quality with MES Quality Commander](#)

September 12 + 13, 2017

[Analysis and Improvement of Model Architectures](#)

Training Workshops

August 07 - 08, 2017

[Model-based Development of Embedded Software in Compliance with ISO 26262 -](#)

[Challenges and Effective Solutions](#)

[In cooperation with LHP Engineering Solutions](#)

[Location: Pontiac, Michigan \(USA\)](#)

[Language: English](#)

[Agenda | Registration](#)

September 18, 2017

[ISO 26262 Tool Classification and Qualification](#)

[In cooperation with samoconsult GmbH](#)

[Location: Berlin](#)

[Language: German](#)

[Agenda | Registration](#)

September 28 - 29, 2017

[Model-based Development of Embedded Software in Compliance with ISO 26262 -](#)

[Challenges and Effective Solutions](#)

[Location: Berlin](#)

[Language: German](#)

[Agenda | Registration](#)

October 11 - 13, 2017

Introduction to Model-based Development and Quality Assurance of Embedded Software

Location: Berlin

Language: English

[Agenda](#) | [Registration](#)

October 12 - 13, 2017

Model-based Development of Embedded Software in Compliance with ISO 26262 -
Challenges and Effective Solutions

In cooperation with dSPACE Inc.

Location: Detroit, Michigan (USA)

Language: English

[Agenda](#) | [Registration](#)

October 26 - 27, 2017

High Quality through Static Model Analysis

Location: Berlin

Language: English

[Agenda](#) | [Registration](#)

November 13, 2017

Concepts and Methods for Implementing ISO 250XX for Software Product Quality

Location: Berlin

Language: English

[Agenda](#) | [Registration](#)

November 27 - 28, 2017

Model-based Development of Embedded Software in Compliance with ISO 26262 -
Challenges and Effective Solutions

Location: Berlin

Language: English

[Agenda](#) | [Registration](#)

December 04 - 05, 2017

Testing Models the Right Way - From Requirements to Model Testing

Location: Berlin

Language: German

[Agenda](#) | [Registration](#)

Trade Fairs

July 05 - 06, 2017

Forum Safety & Security 2017 in Munich (Germany)

Presentation: Implementation of ISO 26262-6 for Model-based Software Development (Session 3:
Methoden & Tools I)

September 27 - 28, 2017

Automotive Software Kongress 2017 in Landshut (Germany)

Workshop: Model-based Development of Embedded Software in Compliance with ISO 26262 -

Challenges, Effective Solutions, and an Outlook on the Upcoming Edition of ISO 26262 (Workshop I)

October 18 - 19, 2017

ELIV 2017 in Bonn (Germany)

Presentation: Test automation at Valeo Siemens eAutomotive – Insights from practical application

November 14, 2017

Berliner Requirements Engineering Symposium 2017 in Berlin (Germany)

Presentation: Using Formalization to Standardize Requirements and Test Specifications

December 04 - 08, 2017

Embedded Software Engineering Kongress 2017 in Sindelfingen (Germany)

Tool Updates

+++ Release MES Model Examiner® DRIVE (MXAM) v.4.2 - Highlight: Multiple artifact analysis short reports can be combined
+++ Release MES M-XRAY® v.3.2 - Highlight: New quality metrics assure 'Restricted size of interfaces'
+++ Release MES Test Manager® (MTest) v.4.2 - Highlight: New requirements catalog provides an overview of requirement-related information
+++ Release MES Quality Commander® (MQC) v.2.6 - Highlight: New adapters for Tessa and Excel +++



MES Newsletter | Do you need more information?

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