Software Quality Made in Germany: MES at the Embedded World 2015

Feb 02, 2015 09:00

All-in-one solution for quality assurance in compliance with ISO 26262 from a single source

Berlin, January 30, 2015: Model Engineering Solutions (MES), the Berlin-based software specialist will present its all-in-one solution for ISO 26262-compliant quality assurance in model-based development at the *embedded world 2015*. MES will also give talks as part of its MES Academy, in which visitors can learn more about current trends in quality assurance of model-based software.

Complete safeguarding of software in compliance with ISO 26262

MES presents its integrated quality assurance concept for ISO 26262-compliant model-based development with its software tools: MES Model Examiner DRIVE$^{®}$ (MXAM DRIVE), MES Test Manager $^{®}$ (MTest), and MES Quality Commander$^{®}$ (MQC). All relevant measures are applied to guarantee model and software quality, including safeguarding models through compliance verification, complexity analysis, and software and model testing. In addition to automated test evaluation through assessments, factors such as specification, model, code, and test coverage are checked against a formal quality model to consistently assess the maturity level of a project throughout the development cycle.

MES Academy: Trends and tendencies in ISO 26262-compliant quality assurance

MES will give talks on current trends and tendencies in ISO 26262-compliant quality assurance at the MES Academy. The 15-minute presentations will be given by our experienced MES consultants.

MES Academy Schedule, February 24 – 26, 2015

	24.02.2015	25.02.2015	26.02.2015
10:00	MISRA and ISO guideline compliancy in one click	Corporate-wide guideline management	Improve your test efficienc automated test evaluation assessments
10:30	ISO 26262 compliancy in 10 easy steps	Guidelines are a modeler's best friend	Requirements, coverage, a traceability at one glance

11:00	Improve your test efficiency: Automated test evaluation using assessments	Instant quality assessment for your projects	Do you trust your Excel da
11:30	Requirements, coverage, and traceability at one glance	Improve your test efficiency: automated test evaluation using assessments	MISRA and ISO guideline compliancy in one click
12:00	MISRA and ISO guideline compliancy in one click	Requirements, coverage, and traceability at one glance	ISO 26262 compliancy in 10 easy steps
13:30	Corporate-wide guideline management	MISRA and ISO guideline compliancy in one click	The ideal software unit des ISO 26262 compliancy
14:00	Guidelines are a modeler's best friend	ISO 26262 compliancy in 10 easy steps	Measuring and managing s model complexity
14:30	Instant quality assessment for your projects	The ideal software unit design for ISO 26262 compliancy	Corporate-wide guideline management
15:00	The ideal software unit design for ISO 26262 compliance	Measuring and managing software model complexity	Guidelines are a modeler's best friend
15:30	Measuring and managing software model complexity	Do you trust your Excel data?	Instant quality assessment projects
16:00	Do you trust your Excel data?	Corporate-wide guideline management	ISO 26262 compliancy in 10 easy steps

The MES Academy is part of the MES exhibition program; participation is free.

Technical lectures at the Exhibitor's Forum

Beyond the exhibition booth, MES will be represented by two technical lectures at the Exhibitor's Forum. '*How to ensure ISO for highly complex software models?*' considers the large number of specifications in the ISO 26262 standard, and presents strategies and concepts for efficient implementation, even at a high level of model complexity. '*Do you trust your Excel Data*?' demonstrates how to detect serious errors in large Excel files and achieve consistent data formats with just a few clicks with MES Model Examiner DRIVE®.

MES lectures at the Exhibitor's Forum in Hall 5, booth 5-241:

Tuesday, February 24, 2015, 13:30 – 14:00: *Do you trust your Excel data*?
Wednesday, February 25, 2015, 11:30– 12:00: *How to ensure ISO for highly complex software models?*

 MES presents its products at booth 525 in Hall 4 at the embedded world 2015.

About MES: Läuft die Software, fährt das Auto

Model Engineering Solutions GmbH (MES) specializes in integrated quality assurance of embedded automotive software. MES Model Examiner® (MXAM) is the first choice for checking modeling guideline consistency of Simulink®, TargetLink®, and ASCET® models. MES Test Manager® perfectly implements requirements-based testing in model-based development. MES Quality Commander® (MQC) is a dynamic management and control tool for use in software development projects, delivering key decision-making data throughout the product development lifecycle. MES provides individual consulting and services to companies seeking to introduce or enhance their model-based development processes, to introduce new technologies such as AUTOSAR, or to fulfill standards such as ISO 26262. MES clients include major OEMs and suppliers to the automotive industry worldwide. MES is a TargetLink® Strategic Partner of dSPACE GmbH and a MathWorks and ETAS Product Partner.

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