NEW GUIDELINE DOCUMENTS AVAILABLE IN MXAM DRIVE

MXAM DRIVE v.3.8 with extended content addressing Embedded Coder® users and ASCET® users.

April 06, 2016, Berlin: Model Engineering Solutions (MES), software specialists from Berlin, enhanced their software tool MES Model Examiner DRIVE® (MXAM DRIVE) with two new guideline documents. Adherence to modeling guidelines is the best practice for improving the quality of software models. However, with over 500 guidelines published by automotive consortia, plus a huge number of company- and tool-specific guidelines, selecting the right guidelines can be a challenging task. Thus MES provides thematically structured and detailed guideline documents in MXAM DRIVE for diverse user groups to support the selection of guidelines. MES releases two further documents with MXAM DRIVE v.3.8 that focus especially on Embedded Coder® and ASCET® users.

MES Embedded Coder Guideline Document

Selected best practice guidelines directly address users of the MATLAB Simulink®/Stateflow® and Embedded Coder® toolchain.

The document contains 96 guidelines structured in relation to the respective scope and topic of the guidelines. These main topics cover layout and design guidelines (naming conventions, modeling of data flow, executions order, and block/text appearance), functional model guidelines, and improvement of code generation (language subset, defensive implementation techniques, established design principles, strong typing etc.).

The MES Embedded Coder Guideline Document v.1 is available in MXAM DRIVE Functional Safety Solution starting from v.3.8.

MES ASCET Guideline Document

MES provides the first comprehensive compilation of best practice guidelines for users of the ASCET platform of ETAS.

The document contains 39 guidelines, newly published by MES. The main topics cover modeling and layout (established design principles, documentation, design of algorithms), implementation (strict data typing, data consistency), integration, and configuration.

The MES ASCET Guideline Document v.1 is available upon request.

About MES: Läuft die Software, fährt das Auto

Model Engineering Solutions GmbH (MES) is the competence center for model-based software in the car. MES Model Examiner® (MXAM) is the first-choice solution for checking modeling guidelines. Der MES Test Manager® perfectly implements requirements-based unit testing in model-based development. MES Quality Commander® (MQC) evaluates the quality and product-readiness of your software and delivers 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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