

MXAM Guideline Selection & Configuration

2 days

Date	Location	Language
Upon request		English/German

The aim of this consulting package is to optimally integrate the MES Model Examiner (MXAM) in to the customer's toolchain and methodology. In particular, this optimization covers the automatic code generation with Embedded Coder or TargetLink and ensures compliance with standards like ISO 26262 and MISRA. MXAM is used to increase the overall maintainability and quality of models. This is achieved by applying public as well as company specific modeling guidelines to newly developed or legacy models. MXAM comes with a preselection of best practice guidelines. These guidelines have been proven in use by numerous serial projects. However, given the high number of available guidelines (600), the potential to specialize the guideline set is apparent. Additional guidelines can be selected to reflect the dedicated customer demand and settings. Consequently, the models will be streamlined to a particular toolchain and the customer's modeling style. In order to complete this task quickly, MES prepares and conducts a 2-day workshop for the selection of appropriate guidelines and checks with the customer on-site. Dedicated MES guideline experts determine the customer's particular constraints. They then interactively select and propose specific guidelines reflecting these constraints. Customer-specific modeling styles are considered and guidelines will be exemplarily evaluated based on the customer's models. As a result, the customers receives the perfect set of guidelines matching their unique needs in the shortest possible time. It is highly recommended that all developers take part in the selection workshop and share their experiences. This joint effort facilitates reaching a consensus and accepting the outcome.

Target Audience

This consulting package is targeted at users of MES Model Examiner (MXAM) who intend on customizing their set of modeling guidelines to their specific needs.

Highlights from the Agenda

- Brief introduction to static model analysis with MXAM
- Presentation of preselected modeling guidelines
- Assessment of guideline violations on sample models
- Determination of customer specific constraints on models and modeling styles
- Selection of guidelines according to the constraints
- Configuration of guidelines and checks
- Outcome: A customized guideline document and comprehensive configurations that are ready to use in existing and future projects

Languages

Available in English and German

Formats

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Virtual Classroom Trainings

wherever you are

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In-house Trainings

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