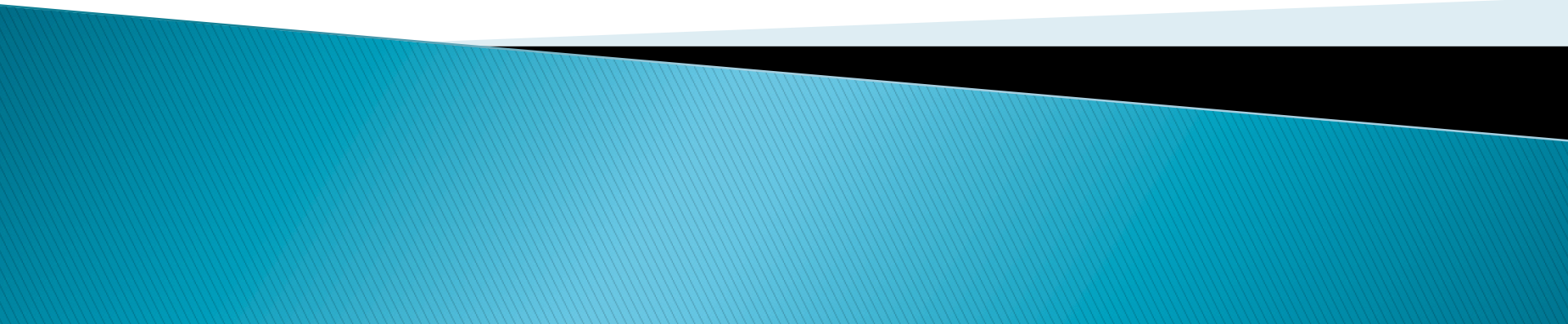


A SUCCESS JOURNEY WITH GENDOC



MTAS SYSTEM MODELING

- ▶ Create a initial System Model of MTAS focus on one of its features (Dialog Event Notify)
 - Focus on the Black Box view of the System.
 - The System Documentation is produced from the model:
 - Detail Requirement Specification
 - Function Specification.
 - Test Specification.
 - System Design Specification.

TOOLSET REQUIREMENTS

- ▶ System Documents must be complaint to the existing System Document Templates:
 - Microsoft Word and Microsoft Excel
 - Styles and formatting as define by the templates.
- ▶ The System Documents must contain the required metadata used for the corporate Doc. repositories.
- ▶ The System Document must provide “Track changes” marks as required by the Doc Review process.
- ▶ A formal model structure must be defined and must be enforced by the toolset.

TOOLSET

- ▶ IBM RSA RTE is as used as Modeling Tool:
 - UML RT profile
 - Unified Test profile
 - SysML (Requirement part)
- ▶ Adocus MMA to validate and enforce the model structure:
 - A number of Metamodels based on WUM, tailored to MTAS.
 - Metamodel for the UTP & Requirements profiles
- ▶ GenDoc as Documentation Generation Engine
 - A number of templates for MTAS System Documents
- ▶ Git as source repository

GENDOC META-TEMPLATES

- ▶ The GenDoc templates used are not MTAS Feature agnostic:
 - A part is edited and modify in the template itself.
 - Other parts are extracted and populated from the model.
- ▶ META-TEMPLATE:
 - It is a template used to create the feature templates.
 - One Meta-Template for each type of document:
 - Detail Requirement Specification
 - Function Specification
 - System Design Specification
 - Test Specification

GENDOC CUSTOMIZATION

- ▶ IBM RSA support
- ▶ Stable handling of Microsoft docx documents
- ▶ Improved Error handling and Error reporting.
- ▶ Workspace integration:
 - GenDoc workspace and project preferences.
 - GenDoc Project nature.
- ▶ Improved GenDoc Wizard.
 - Selection of the templates defined in the preferences.
 - Remember of last choices in the wizard fields per template.
- ▶ Improved Rich Text / HTML support
 - Integrated Documentation View
- ▶ MTAS specific bundle for complex queries. (Recursion)

STILL NEEDED / IMPROVE

- ▶ Enhanced “Track Changes” functionality:
 - Selection of baseline document from Git / File in the Wizard
- ▶ Integration with Eridoc (Ericsson Doc Repository)
- ▶ Enhance Model & Document review.
 - Model review functionality
- ▶ Fragment / Template recursion
- ▶ Tags to handle / manipulate headings
- ▶ Recursive OCL queries.

DEMO

