

PHM Technology

Decisions better made



MADE 3.9.2

Release Notes

MADE 3.9.2

MADE 3.9.2 release delivers an enhancement to Requirements Verification Tool, bringing a native requirement authoring and verification workflow and removing dependency on external spreadsheets and documents. The release also introduces a new SDK based MADE – Teamcenter integration, embedding Active Workspace UI directly within MADE to enable system architecture and BOM import, project synchronization, and result export for Functional Hazard Assessment and Reliability analysis. A range of minor enhancements and bug fixes further improve workflow consistency and usability across the platform.

Key features include:

- Requirements Verification Tool upgrade
- MADE – Teamcenter integration upgrade
- General Enhancements

Requirements Verification Tool Upgrade

User Value: Provides a native requirement authoring and verification workflow in MADE, backed by a redesigned UI and a new verification status lifecycle, while remaining fully compatible with existing project files with no data migration required.

- Introduced the ability to create, read, update, and delete individual requirement records directly within MADE, without requiring an external spreadsheet or document.
- Enabled auto-population of a unique, persistent Requirement ID, with the option to modify it to a user-defined ID.
- Added the ability to define the Requirement Type with built-in values and a user-defined entry.
- Enabled the ability to define the Priority of a requirement.
- Added a new text field to capture the Rationale for a requirement.
- Added a new Verification Status field to represent a requirement's position in the verification lifecycle.
- Expanded the Verification Method field with a multi-select dropdown sourced from MADE's own analysis catalogue, plus standard verification methods and a user-defined entry option.
- Redesigned the dashboard to provide an overview of requirement verification status and quality metrics.
- Enabled the ability to update the Priority and Verification Status fields directly from the Requirements Table.
- Added the ability to filter requirements by Verification Status, Type, Classification, and Priority.
- Enabled drag-and-drop functionality within the Requirements Table to allow users to easily reorder requirements.
- Enabled the ability to sort the requirements list in Requirements Table.
- Extended the requirements Excel import and export functionality to include the new fields (Type, Priority, Rationale)

MADE - Teamcenter Integration

User Value: The SDK based approach embeds Active Workspace UI directly within MADE, simplifying user flow and delivering improved performance, user experience, and scalability, supporting Functional Hazard Assessment (FHA) and Reliability analysis.

- Added the ability to import system architecture models and BOM from Teamcenter into MADE, creating a MADE project populated with the structure, functions, and mapped attributes from Teamcenter.
- Introduced the ability to synchronise a MADE project to keep it up to date with changes in Teamcenter.
- Added the ability to export FHA and reliability results to Teamcenter.
- Enabled the ability to save the MADE project to Teamcenter, allowing work to be resumed at any point in time.
- Added the ability to upload RAMS reports to Teamcenter.

General Enhancements

- Extended Functional Hazard Assessment IDs accept special characters
- Improved MADE License certificate to include additional information such as license type entitled seats, and capabilities.
- Enabled Test Point and Sensor Set reports to be generated in CSV/Excel format.
- Resolved duty cycle not reported in Mission Profile report.
- Improved the CSV export header for FMECA – Maintainability Combined (MIL-STD-1629A) and other MIL-STD-1629A CSV reports to correctly include the report name, compiled-by user, and date.

End