



Visure 8.3

Release Notes

November 11, 2025

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1 Visure Requirements ALM 8 Release Notes

1.1 Compatibility and Migration

WARNING

Please review this chapter carefully, as there may be database changes that can affect compatibility between versions.

- Visure Requirements 8.3: This version is not compatible with Visure Requirements 8.2. There are minor database schema changes and 8.2 clients will not be able to connect to Visure 8.3 server.
- Visure Requirements 8.2: This version is not compatible with Visure Requirements 8.1. There is a small database schema change and 8.1 clients will not be able to connect to Visure 8.2 server.
- Visure Requirements 8.1: This version is compatible with Visure Requirements 8.0. There is no database schema changes and 8.0 clients can connect to Visure 8.1 server, even though new features will not be available e.g. modified since last baseline.
- Visure Requirements 7.2 and older versions: These versions use an older database schema and require a database migration. Once the database is migrated to the latest version, Visure Requirements 7.2 and older clients will not be able to access the database.

IMPORTANT NOTE:

Typically, once the migration is performed, it cannot be undone, however, undoing this migration can be done with help from the Visure support team. Anyhow, we highly recommend performing a database backup before upgrading.

For older Visure Requirements databases. The database upgrade process is simple: Install the new Visure Requirements ALM 8.3 Server and Visure Requirements ALM 8.3 Client, and open the database with the Administration Center. The Administration Center will automatically detect that the database was created with an older version and a message will prompt the user to migrate the database to the latest version. Click Yes to proceed with the migration. The process will depend on the version you are migrating from but may take some minutes.

- Visure Templates 5.2 and 5.3: Templates created with an older version of Visure will not be compatible.
- Visure Templates 6 and 7: Templates created with these versions will be compatible
- Visure Requirements ALM 8.2 templates are compatible with 8.3.
- Visure Requirements ALM 8.3 is compatible with Visure Requirements Report Manager 8.3
- Visure Requirements ALM 8.3 is compatible with Visure Authoring 8.3
- Visure Requirements ALM 8.3 is compatible with Visure Contributor 8.3 (former Visure Reviewer)
- License Server 4.9.10 and License Server 4.9.25 are compatible with Visure Requirements ALM 8.
- Integrations and plugins: Some plugins and integration from version 7 are incompatible with version 8.2. The following plugins and integrations are available for version 8.2:
 - Integrations:
 - Compatible with v7, but newer versions available:
 - Visure Requirements integration with Atlassian JIRA

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- Visure Requirements integration with Azure DevOps
- Visure Requirements integration with Enterprise Architect
- Visure Requirements integration with Gitlab
- Add-ins:
 - Version 7 of these add-ins are incompatible with v8
 - MS Word Import plugin
 - MS Excel Import plugin
- Plugins and products:
 - Version 7 of these plugins are incompatible with v8 (newer version required):
 - Item Templates (free)
 - XRI (free)
 - Source Code Parser (free)
 - Version 7 of these plugins are compatible with v8:
 - QVScribe (product)
 - ReqIF (product)
 - Traceability Parser (free)
 - Test Management (free) – Newer version available
 - Risk Management (free)
 - Review Management (free) – Newer version available
 - Formulae (free)

2 What's New in Visure 8.3

2.1 General

2.1.1 User-named Licenses

Visure 8.3 introduces User-Named Licenses, a new licensing model designed to simplify license management and improve transparency across teams. With user-named licenses, organizations can assign licenses directly to specific users rather than relying on concurrent access models. This ensures better control over license allocation, simplifies audits, and prevents usage conflicts in multi-user environments.

Additionally, this model allows administrators to track license utilization more effectively, ensuring optimal resource planning and compliance with enterprise licensing policies. Overall, user-named licenses enhance flexibility and streamline the management of distributed or remote teams by ensuring consistent and predictable access to Visure Requirements ALM.

2.1.2 Upgrade of Components

Visure 8.3 includes major **technology upgrades** to core components such as **gRPC 1.71.0**, **Angular 16**, **.NET 8** and **Python 3.12**. Updating all components to the latest stable versions ensures better performance, enhanced security, and long-term maintainability. These updates also improve integration capabilities with modern systems, deliver faster response times, and strengthen overall platform stability, providing a robust foundation for future enhancements and integrations.

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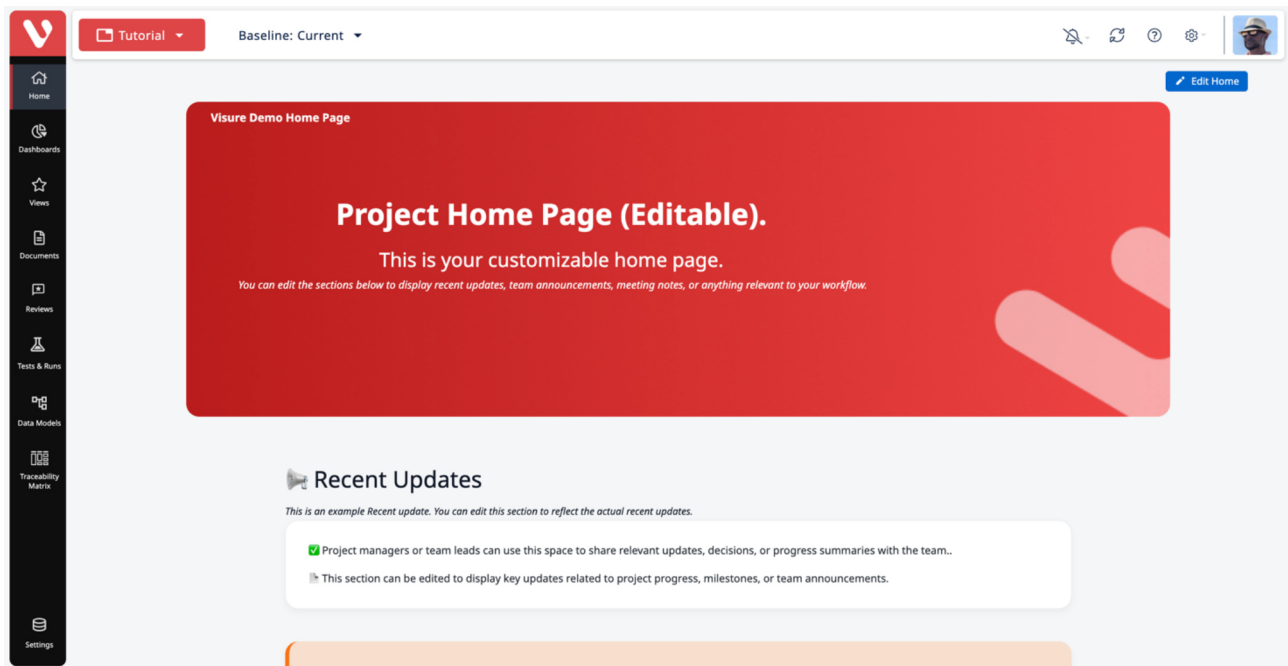
2.2 Visure Authoring

2.2.1 Usability

Visure 8.3 introduces several usability improvements designed to enhance the overall user experience, improve productivity, and make everyday work more intuitive:

2.2.1.1 New UI

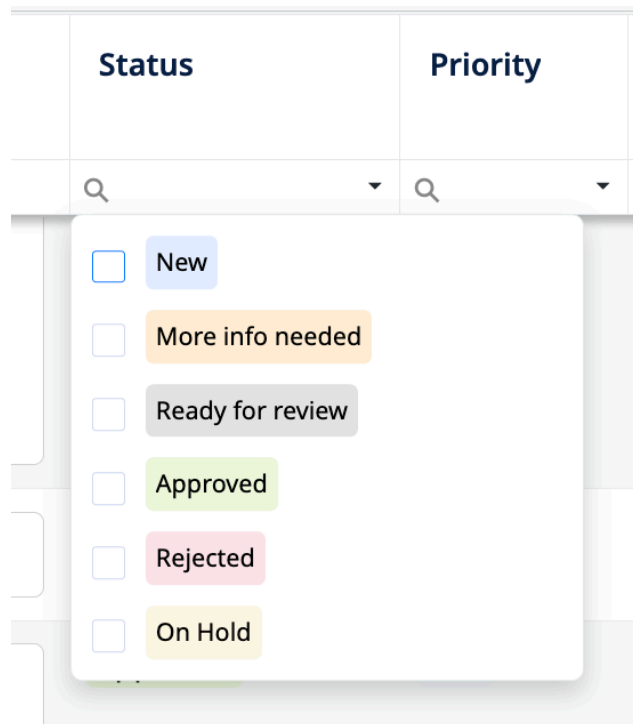
In Visure 8.3, the user interface has been completely streamlined to deliver a more modern and cohesive experience. Colors, components, and behaviors are now more consistent across all modules, ensuring a uniform look and feel. This improves visual clarity, reduces learning time for new users, and creates a smoother and more predictable workflow environment.



2.2.1.2 New list View Filters

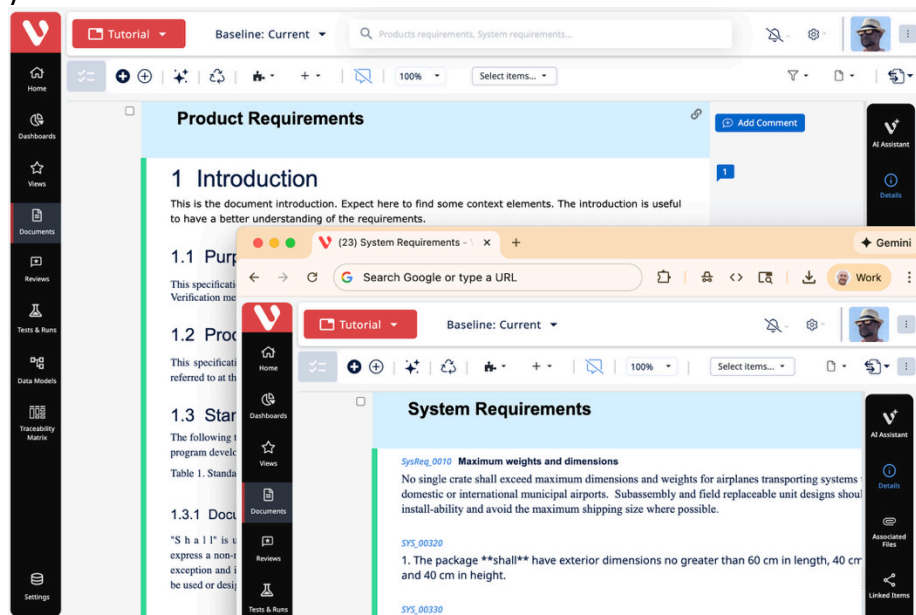
The new list view now expands on the **Excel-like filtering capabilities**, allowing users to quickly filter and locate information based on specific criteria. The familiar spreadsheet-style interaction accelerates data navigation and helps users focus on relevant information without switching views or performing complex searches.

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2.2.1.3 Multitab

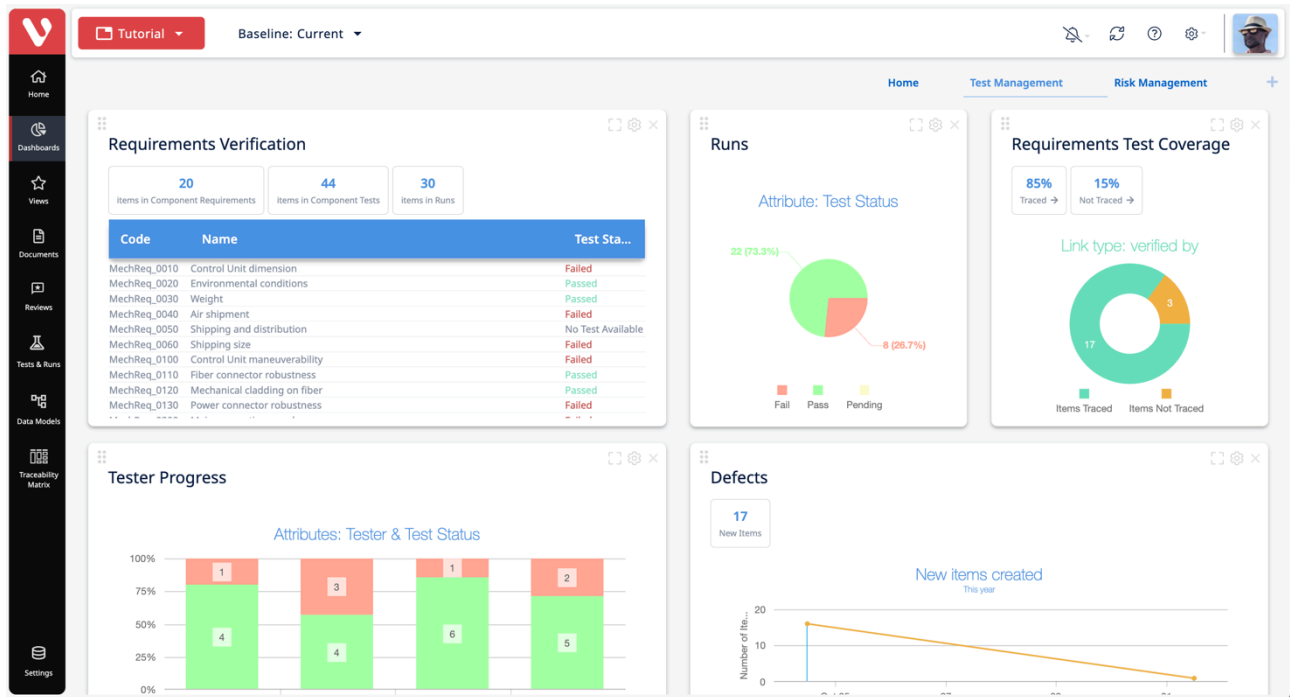
Visure 8.3 significantly enhances the **multitab functionality**, allowing users to open multiple documents or views in different tabs in the browser and work independently on each. This feature provides a flexible and efficient way to multitask across several documents or projects simultaneously.



2.2.1.4 Dashboards

Dashboards in version 8.3 now offer **better performance, additional widgets and better navigation to items from the widget**, enabling users to visualize key metrics and project data faster and more flexibly. The improved responsiveness ensures that updates and interactions within dashboards occur in real time with minimal loading times.

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2.2.1.5 Properties Panel

The improvements in the **properties panel** now includes a new **Documents** field, showing the documents an item belongs to, and introduces **asterisks to mark mandatory attributes**. These additions simplify item management and ensure that users can easily identify required fields and maintain document traceability.

The screenshot displays the Visure 8.3 Properties Panel for a specific item. The panel is divided into two main sections: System Attributes and User Attributes.

System Attributes:

- Internal Id:** 116
- Code:** PR_0060
- Name:** [Empty field]
- Author:** ADMIN
- Creation date:** 17 Jun 2011 - 13:36
- Modification date:** 11 Nov 2025 - 17:22
- Checked Out By:** FVALERA@VISUREOLUTIONS.COM
- Checked Out Date:** 05 Sep 2025 - 11:18
- Access Partition:** Requirements and Risk Man...
- Documents:** Product Requirements

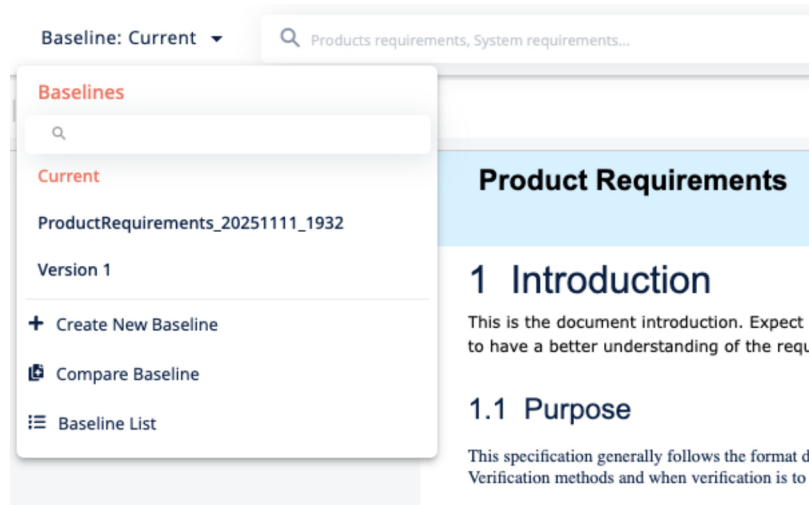
User Attributes:

- Affected Modules:** [Select...]
- Approvals Icon:** Approvals: 1, Rejections: 1
- Expected Benefit *:** High
- Expected Cost *:** 20
- OpState *:** FAILURE INIT OPERATION ✖ [Select...]
- Origin:** Customer B ✖ Marketing ✖ Customer A ✖ [Select...]
- Priority *:** High
- Quality Score *:** 2

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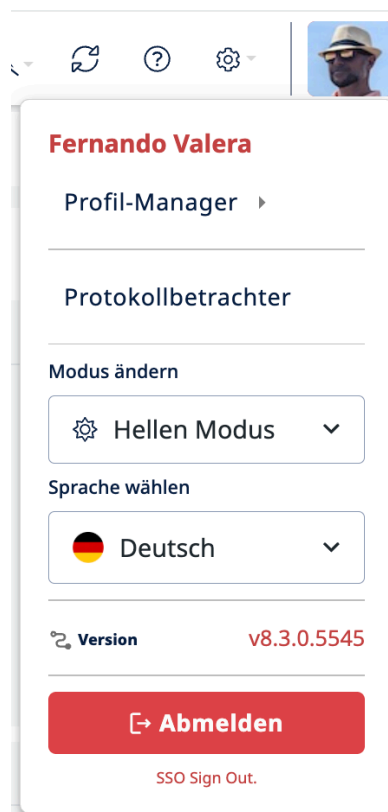
2.2.1.6 Baseline Combo

The **baseline selection combo box** now displays only the baselines relevant to the current document, rather than listing all project and document baselines. This targeted filtering minimizes clutter and simplifies baseline selection for users.



2.2.1.7 German Support

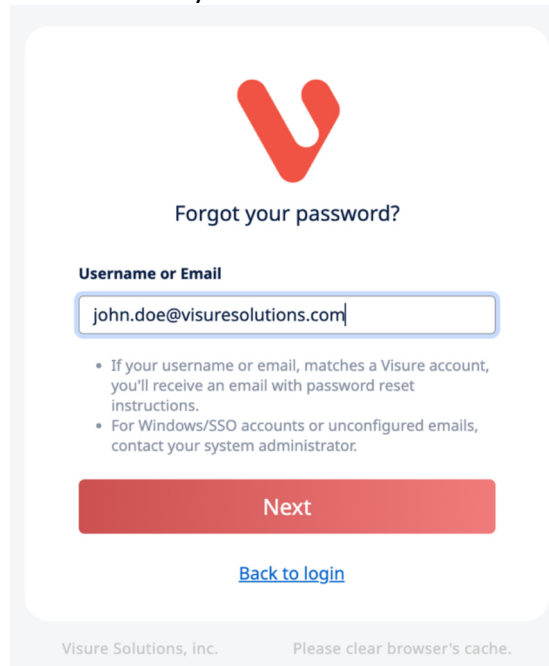
Visure 8.3 expands its internationalization capabilities with **full German language support** for the user interface. This enables German-speaking teams to work in their native language, improving usability and collaboration across global projects.



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2.2.1.8 Password Reset

If email configuration is properly set up and enabled by the tool administrator, users can now **reset their passwords via email** and onboard new users via email. This feature streamlines user access management and improves overall security.

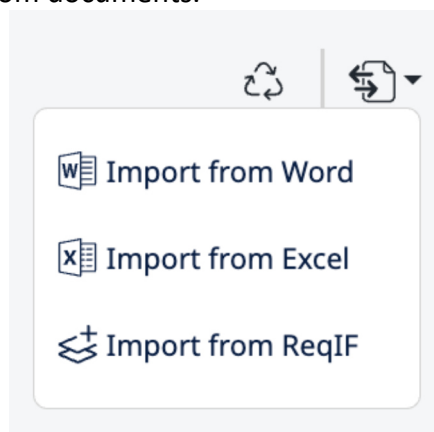
A screenshot of a web form for password reset. At the top is a red 'V' logo. Below it is the text 'Forgot your password?'. A label 'Username or Email' is above a text input field containing 'john.doe@visuresolutions.com'. Below the input field are two bullet points: 'If your username or email, matches a Visure account, you'll receive an email with password reset instructions.' and 'For Windows/SSO accounts or unconfigured emails, contact your system administrator.' Below the text is a red button labeled 'Next'. At the bottom is a blue link 'Back to login'. The footer contains 'Visure Solutions, inc.' and 'Please clear browser's cache.'

2.2.1.9 Icon Maximize Description

A new icon in the description allows users to **maximize the description** to expand the description field to full screen, improving focus when writing or editing complex requirement descriptions.

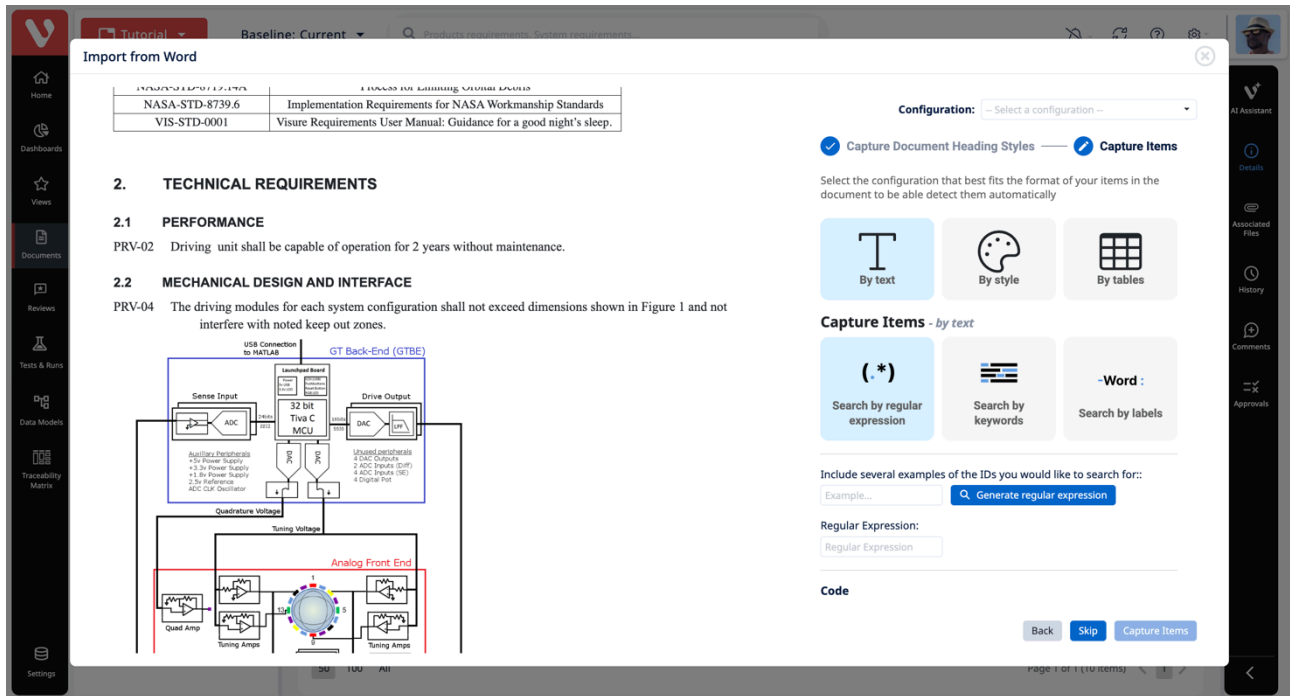
2.2.2 Import from Word

Visure 8.3 includes a new **import process for MS Word and Google Docs** by introducing a flexible and intelligent parsing engine that supports multiple methods for identifying and importing requirements, tests, and risks from documents.



Users can now configure imports using **regular expressions** to automatically detect items based on codes, or rely on **“shall” (or similar) statements** to identify requirements written in natural language.

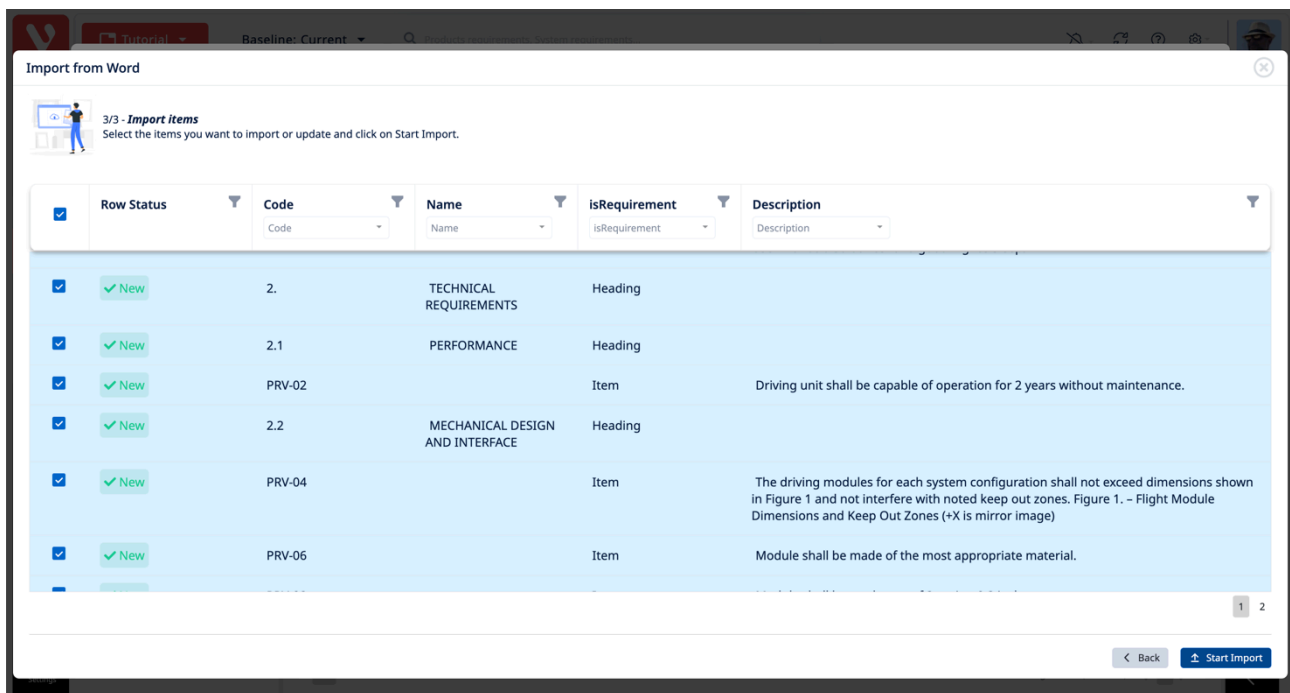
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Additionally, the import from MS Word supports the use of **labels** to recognize field names within documents—particularly useful when importing from structured XML-generated files—ensuring accurate mapping of attributes.

The importer can also use **styles** (e.g., Heading, Normal, etc.) to detect and extract items from the document.

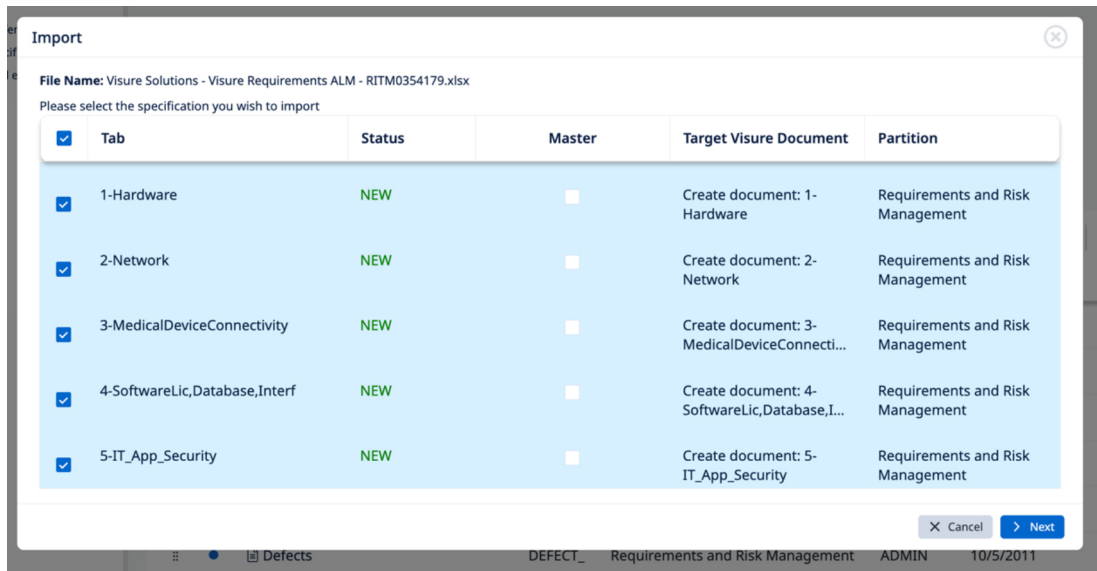
When requirements are included in tables within the document, or when having risk tables or test procedures and protocols, users can import items from **tables with one item per row**, or from **tables with one item per table**, perfect for documents where each item is described individually.



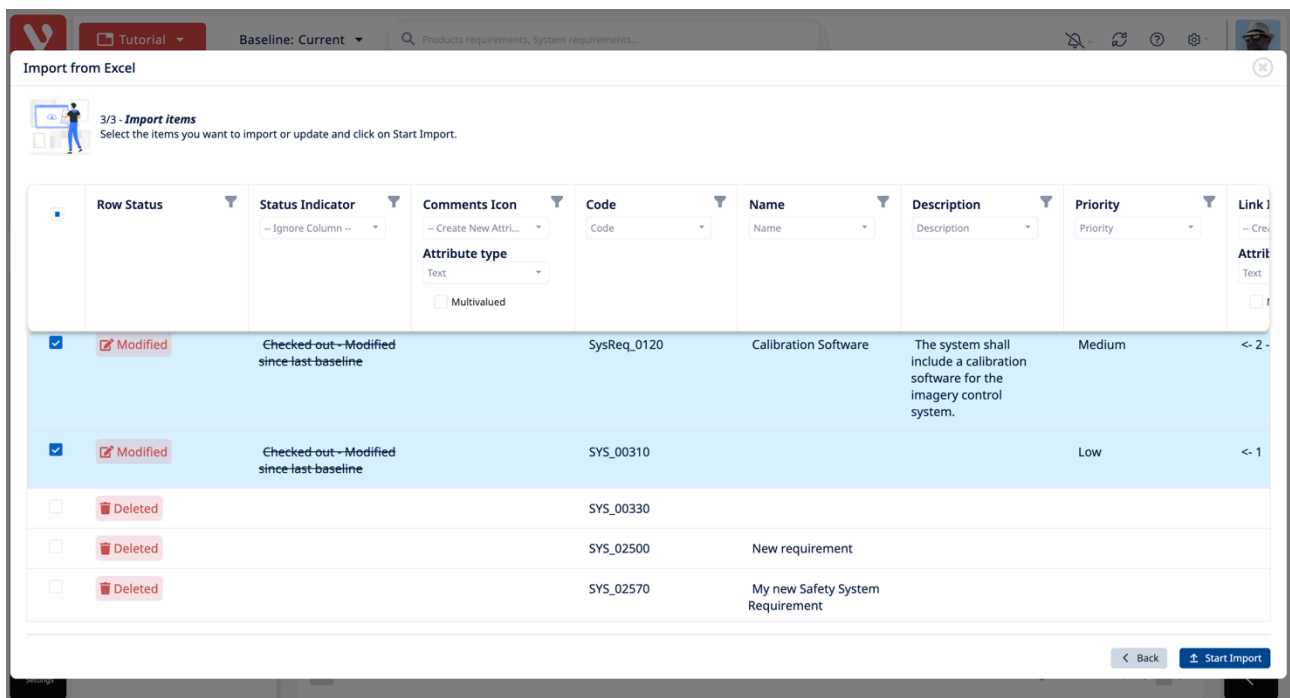
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2.2.3 Import from Excel

The import from **MS Excel** in Visure 8.3 has been significantly improved to provide a smoother and more intelligent data synchronization experience. Users can now **import different tabs independently**, making it easier to manage complex spreadsheets with multiple datasets.



The import process can also **identify deleted items**, ensuring that changes made in Excel—such as item removals—are accurately reflected in Visure when doing a full synchronization.

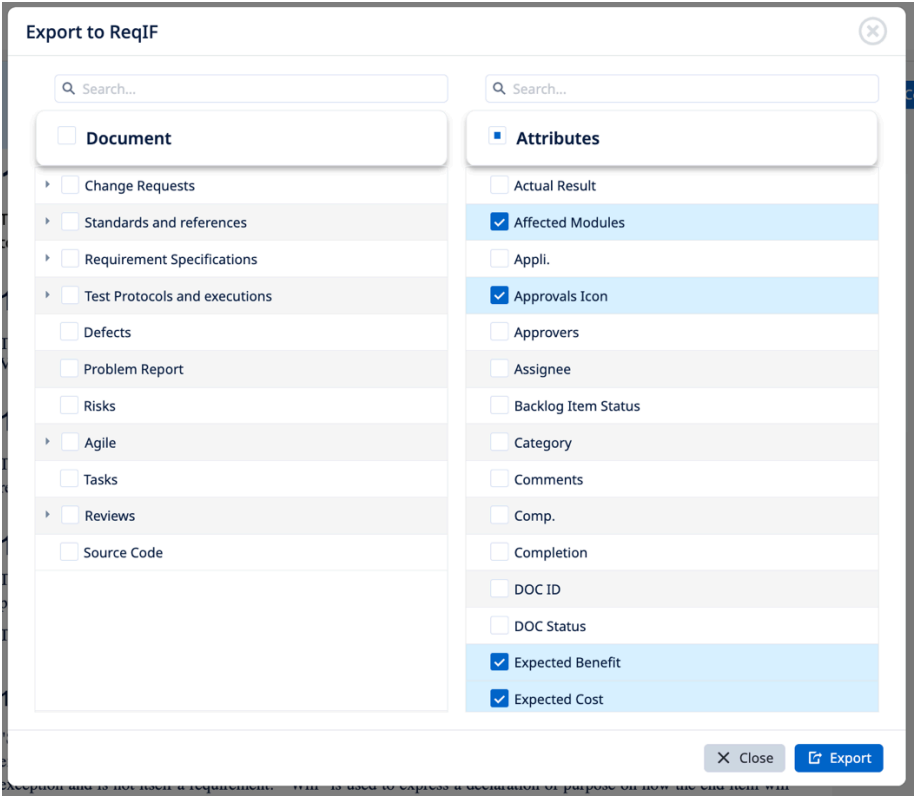


In addition, the updated import now supports the **synchronization of traceability information**, allowing relationships between requirements, tests, and risks to be updated automatically based on the changes performed in the Excel document.

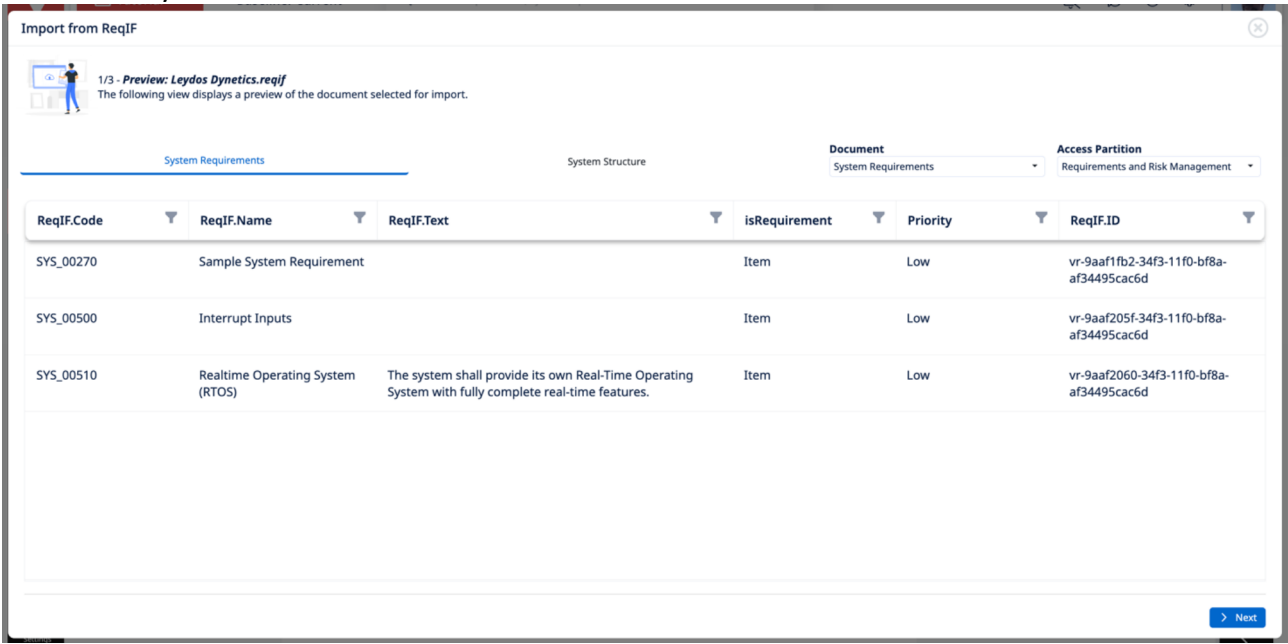
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2.2.4 Import and Export to and from ReqIF

Visure 8.3 continues to strengthen interoperability by enhancing **import and export capabilities with the ReqIF (Requirements Interchange Format) standard**. This ensures seamless data exchange between Visure and other requirements management tools, preserving hierarchy, attributes, traceability, and formatting during transfer.



The improved ReqIF integration allows teams to **collaborate more effectively with customers, suppliers, and partners** using different systems, while maintaining data consistency and compliance with industry standards.



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2.2.5 Export to Word

Visure 8.3 introduces a more powerful and flexible **export to MS Word**, allowing users to fully customize the structure and appearance of their generated documents, especially for highly regulated industries such as **aerospace and defense, automotive and medical devices**—to automatically generate professional, standards-compliant documents that align with customer and certification specifications, reducing manual formatting effort and improving traceability reporting consistency.

The new version enables the **export of attributes in the same line as the item code**, supports the **sorting of attributes** during export, and allows users to **choose the type of information**—such as code, name, and/or description—displayed for related items.

Additionally, users can include additional **system attributes** and define **styles for custom attributes**, ensuring that the resulting Word document matches specific format and compliance requirements.

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2.2.6 Export to Excel

The **Excel export process** in Visure 8.3 has been optimized to deliver faster and more efficient performance. Exports are now processed **in the background on the server**, allowing users to continue working within the application without interruption while the export completes. This update also ensures that **all item attributes and relationships** are accurately captured in the exported Excel file, providing a comprehensive view of project data that can be easily shared or analyzed offline.

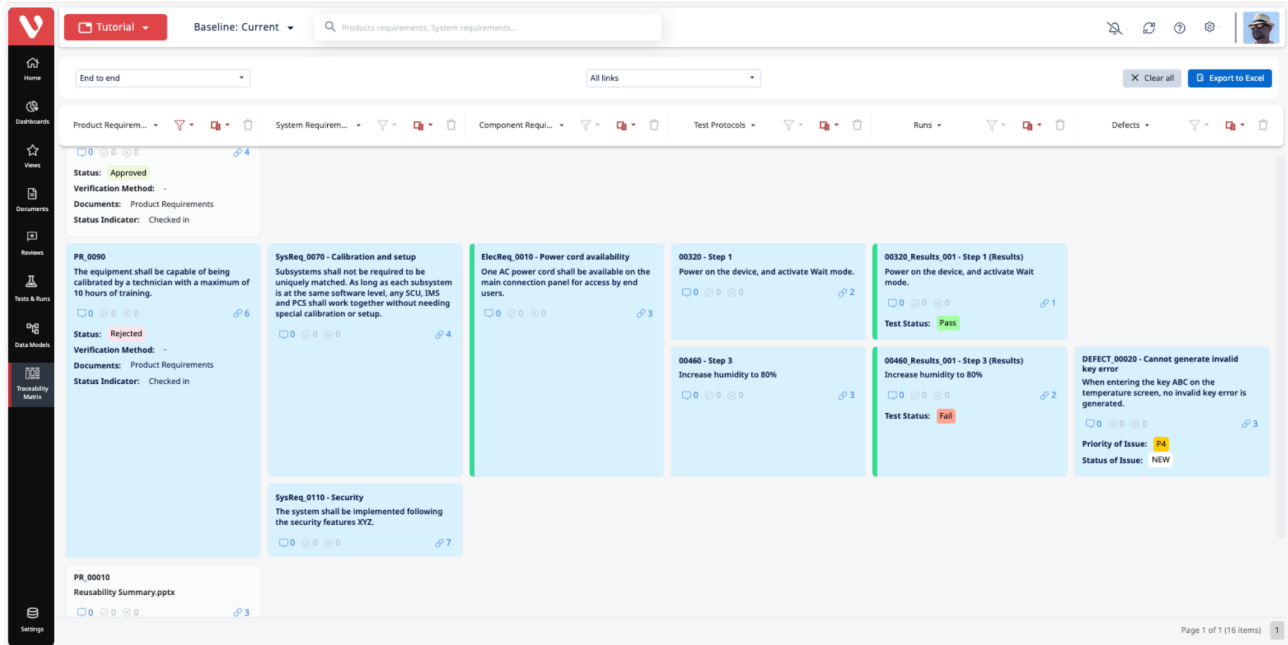
	A	B	C	D	E
1	Status Indicator	Comments Icon	Document	Priority	Status
2	Checked in	0	Requirement Specifications		
3	Checked in	0	1 Maximum weights and dimensions No single crate shall exceed maximum dimensions and weights for airplanes transporting systems to domestic or international municipal airports. Subassembly and field replaceable unit designs should consider install-ability and avoid the maximum shipping size where possible.	High	New
4	Checked in	0	1. The package **shall** have exterior dimensions no greater than 60 cm in length, 40 cm in width, and 40 cm in height.	Low	New
5	Checked in	0	2. The package **shall** withstand a minimum vertical stack load of 100 kg for 24 hours without deformation greater than 5 mm.	Low	New
6	Checked out - Modified since last baseline	0	3. The package **shall** be constructed from materials that do not absorb more than 5% of their own weight in water after submersion for 60 minutes.	Low	New
7	Checked out - Modified since last baseline	0	6. The package **shall** completely enclose contents such that no item with dimensions larger than 1 cm can escape under normal handling conditions.	Low	New

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2.2.7 Traceability Matrix

The **Traceability Matrix** in Visure 8.3 has been expanded to include a wide range of **additional system attributes**, including the *Status Indicator*, *Parent Item (Code and Name)*, *Documents the item belongs to*, *Internal ID*, *Item Level*, *Item Author*, *Item Creation Date*, *Access Partition*, *Item Modification Date*, *Project* and *Check Out By*. Users can now also **sort attributes** directly within the matrix so that the export can comply to the corresponding RVTM standards, as well as the possibility to export code, name and description of **items into separate columns**.

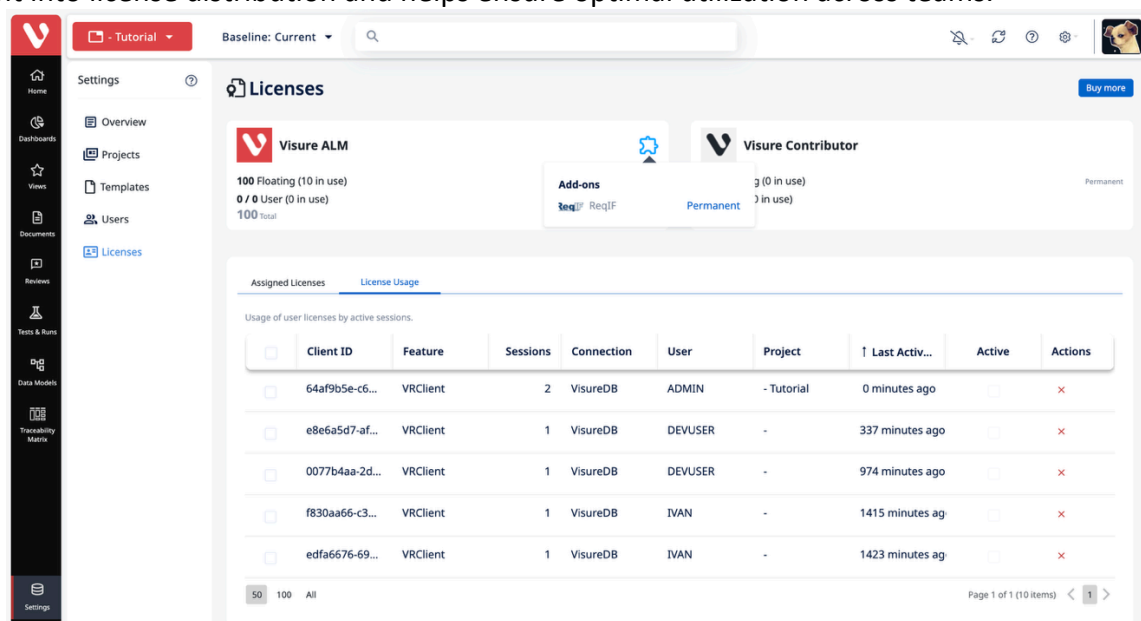
The traceability matrix now also displays traceability between projects allowing users to create cross-project traceability reports.



2.2.8 Repository and Project Settings

2.2.8.1 License Usage

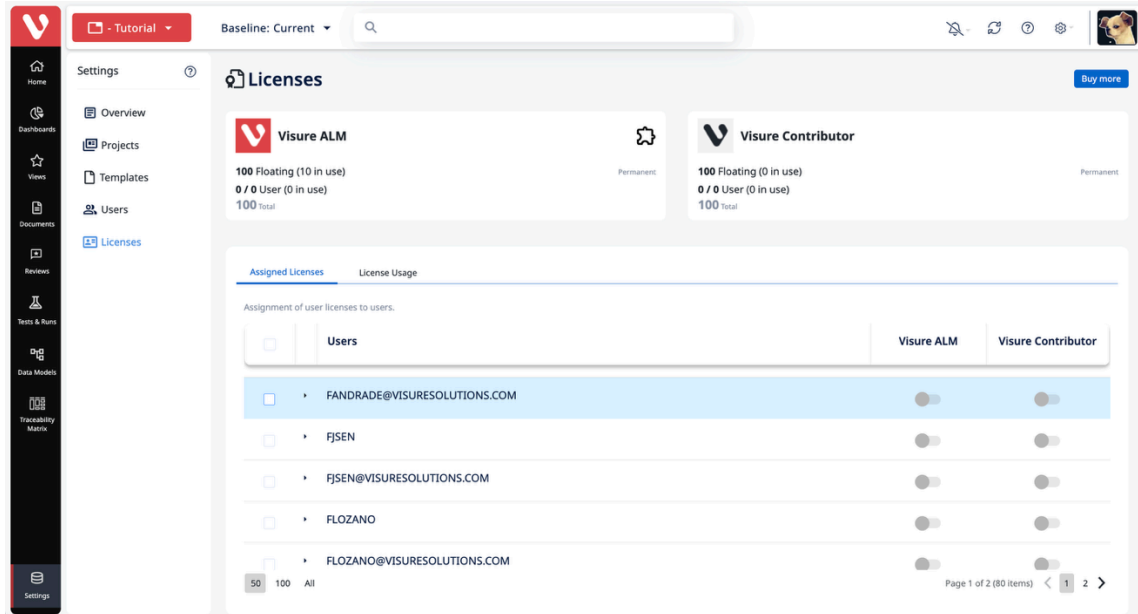
A key addition is the **License Usage** view, which allows administrators to easily see **which users are currently using the system and which licenses**, showing details such as license type, expiration date, and active sessions, and allowing the administrator to terminate their session. This provides better insight into license distribution and helps ensure optimal utilization across teams.



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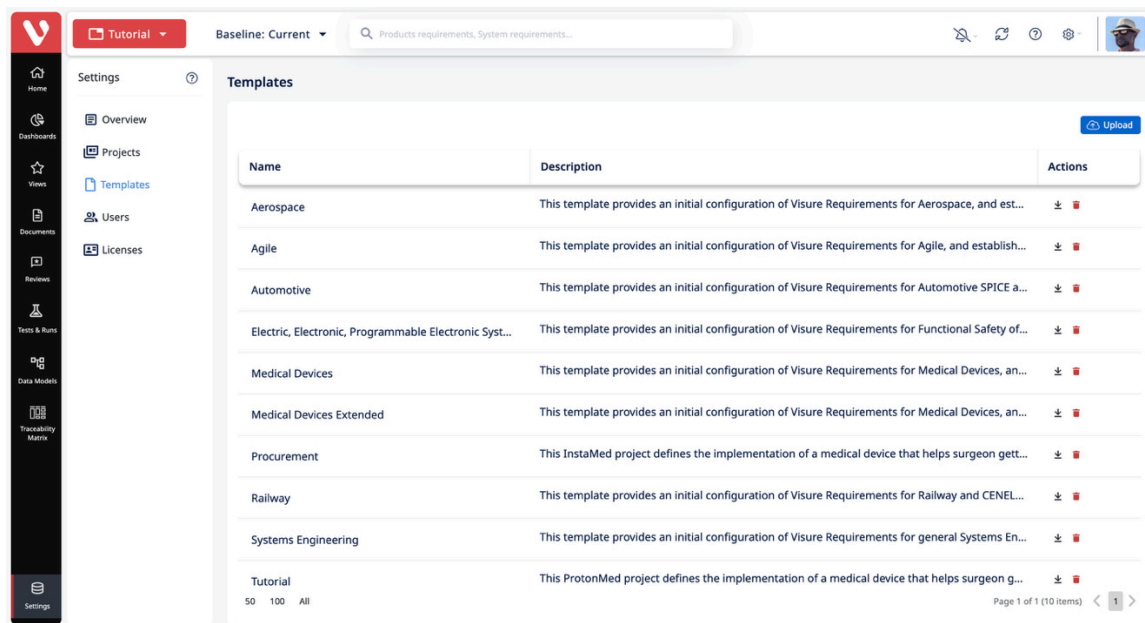
2.2.8.2 User-Named License Management

With the introduction of **User-Named License Management**, administrators can now **assign specific licenses directly to individual users**. This simplifies tracking, prevents conflicts from concurrent access, and ensures that key team members always have uninterrupted access to the system.



2.2.8.3 Templates

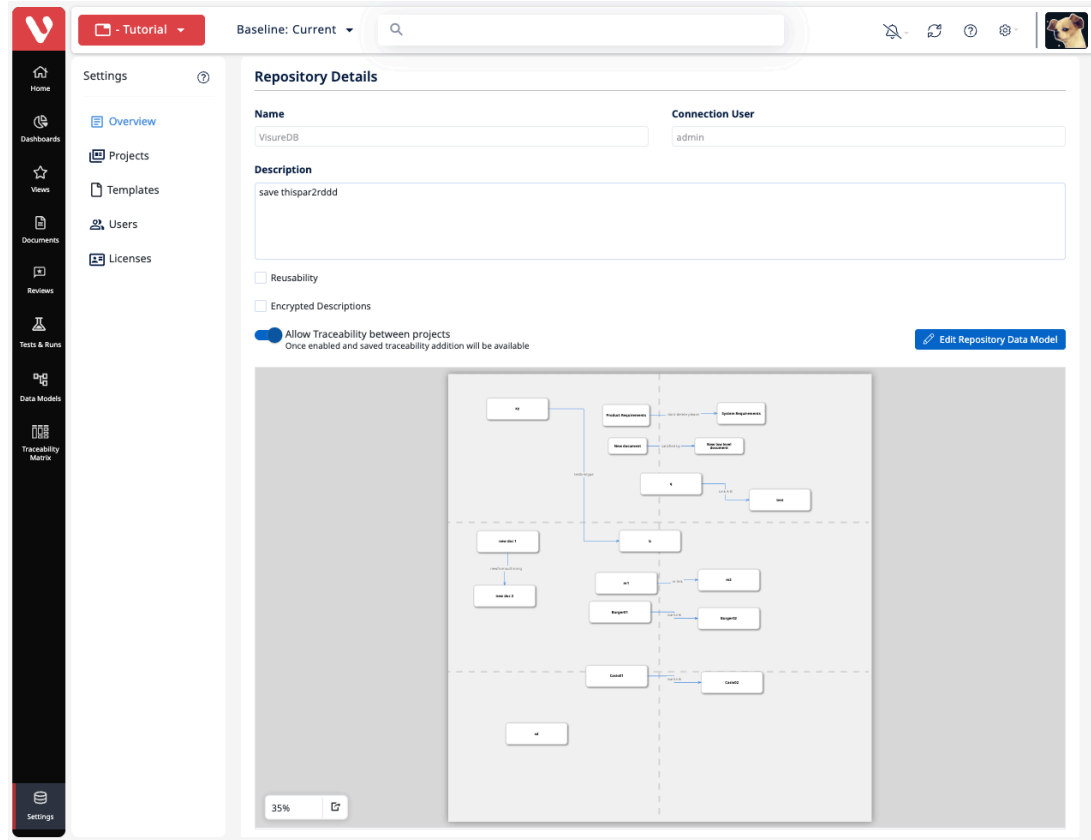
Visure 8.3 centralizes the management of **project templates**, providing administrators with a unified location to create, modify, and maintain templates used for new projects. This ensures consistency across projects and simplifies onboarding by enforcing standardized structures, data models, and workflows from the start.



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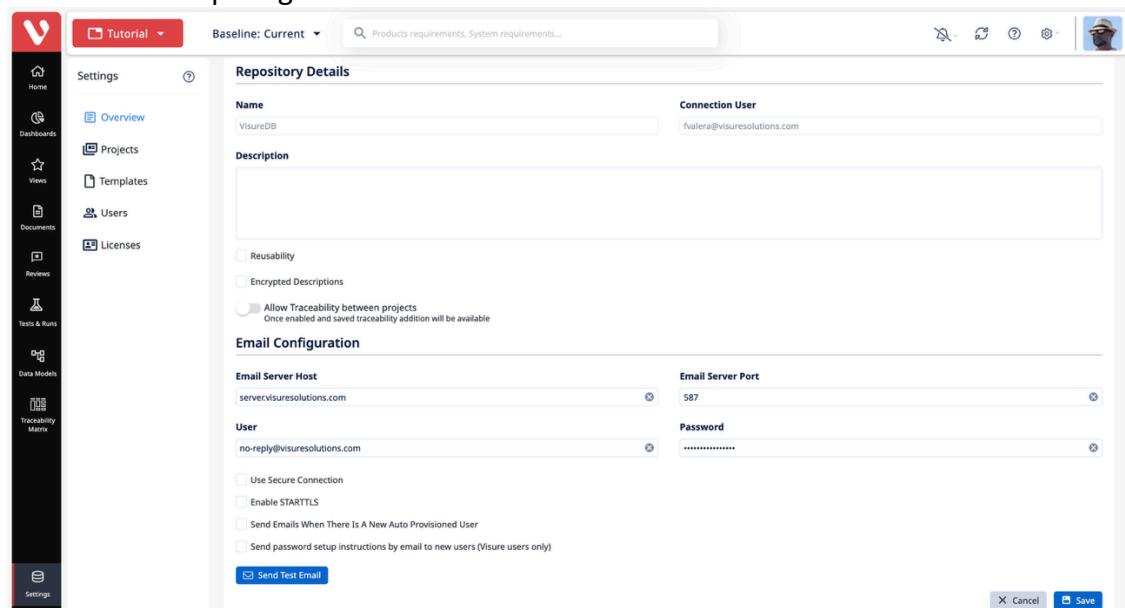
2.2.8.4 Repository data models

Administrators can now **activate traceability between projects** from the repository settings and define **data models that represent inter-project relationships**. This capability allows for a clear and enforceable traceability policy across multiple repositories, improving consistency, compliance, and visibility in multi-project environments.



2.2.8.5 Email configuration

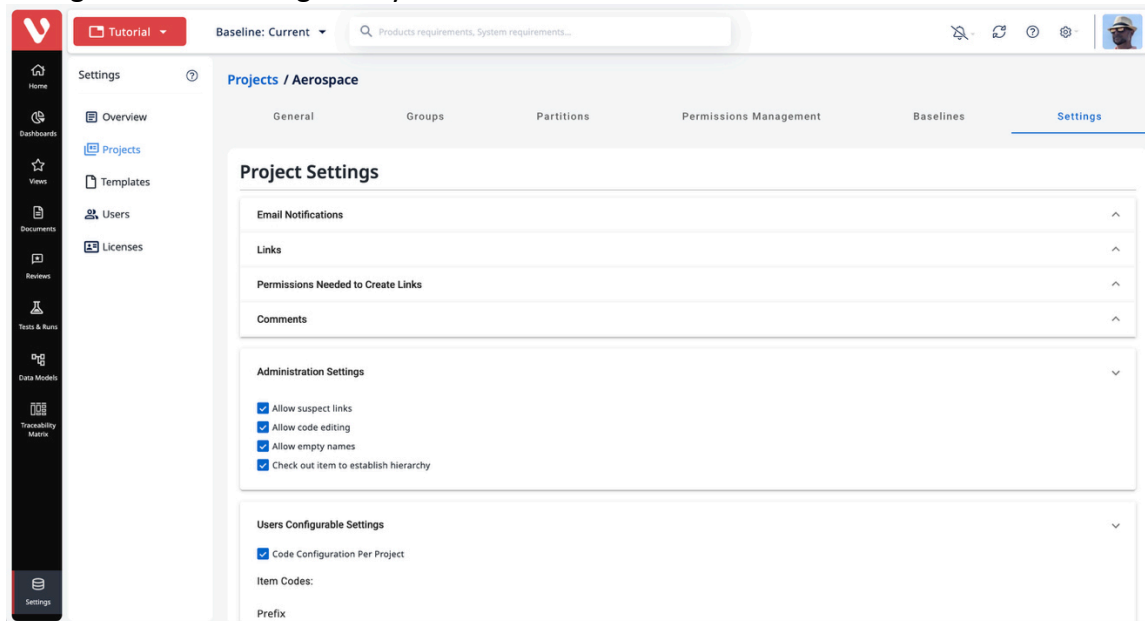
Administrators can now **configure email settings directly from the repository configuration panel**, simplifying the setup of notifications and automated messages. This improvement enhances communication by allowing quick configuration of SMTP servers, sender details, and message templates without requiring external intervention.



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2.2.8.6 Additional Project Settings

Visure 8.3 also incorporates **additional project settings** to provide more granular control over repository behavior, including link restrictions, hierarchy establishment, and global parameter configuration. These options give administrators greater flexibility to tailor project environments to specific organizational or regulatory needs.



2.3 Visure Desktop

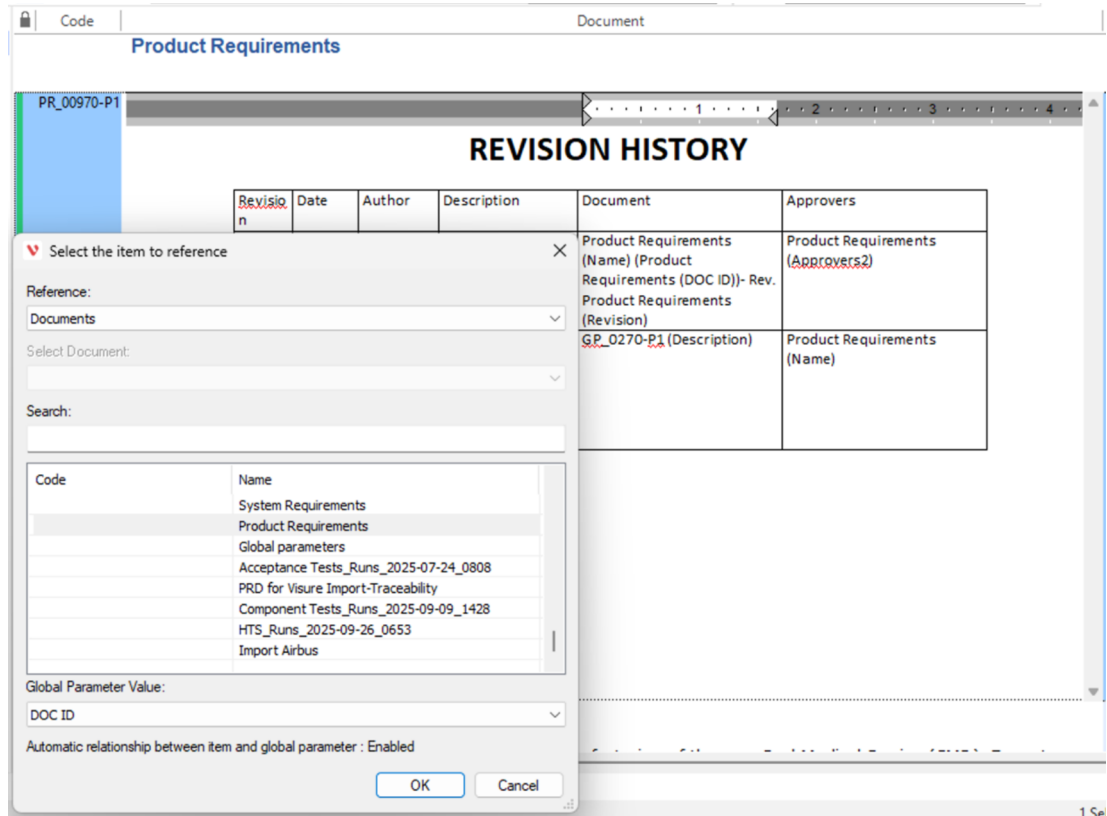
2.3.1 Performance

The **performance of Visure Desktop** has been significantly improved in version 8.3, providing faster document loading and smoother navigation. Descriptions are now **loaded first in the background**, allowing users to begin working immediately while the rest of the content continues to load seamlessly.

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2.3.2 Global Parameters for Documents

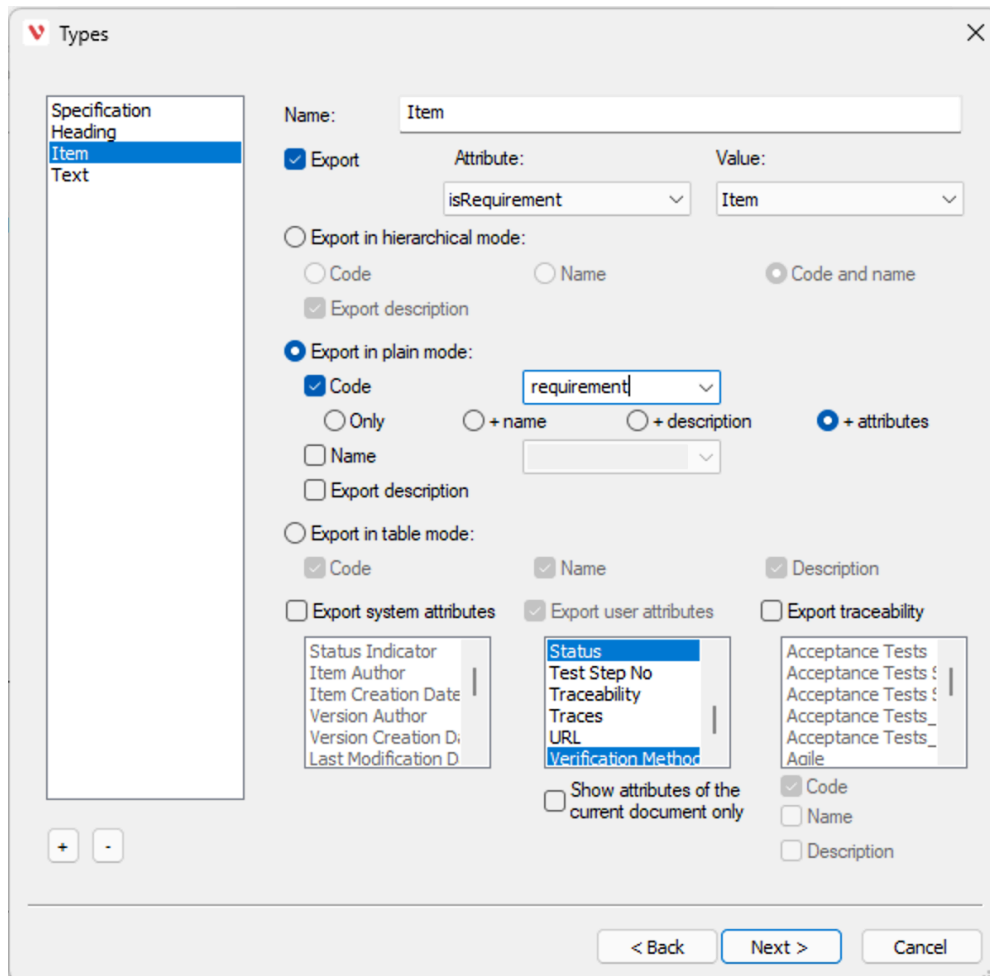
Global parameters have been extended to **support references to documents in addition to individual items**, offering greater flexibility in managing project-wide variables. This allows users to create document attributes and reference them throughout the document in requirement descriptions.



2.3.3 Export to Word

The **Word export functionality** in Visure Desktop 8.3 mirrors the flexibility of Visure Authoring, enabling users to **export attributes in the same line as the item code**, **define sorting rules** for attributes, and **include additional system attributes** in the export. Users can also choose whether to include the **code, name, and/or description** of linked items, and exported attributes now take **styles** for improved formatting.

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2.3.4 Import from Excel

The **Excel import process** has been refined to improve the **creation and synchronization of new attributes during import**. Users can now dynamically add missing attributes while mapping columns, ensuring full data compatibility without needing to interrupt the process.

2.3.5 Use of Certificate from System Trusted Store

Visure 8.3 now supports the **use of certificates from the System Trusted Store**.

If using a certificate issued by a **recognized authority**, you can automate the renewal of the certificate using the Azure Key Vault connected to a certificate provider API, so that when it expires it is automatically renewed.

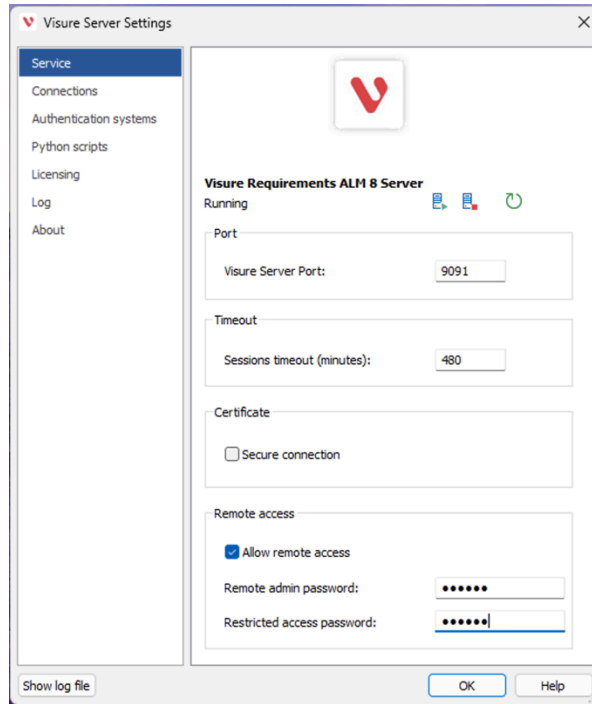
For organizations using a **self-signed certificate from the same server**, this certificate must be distributed to the trust store of all machines. This can be **automated through a Group Policy (GPO)** so that it is deployed across all devices within the domain, including new machines.

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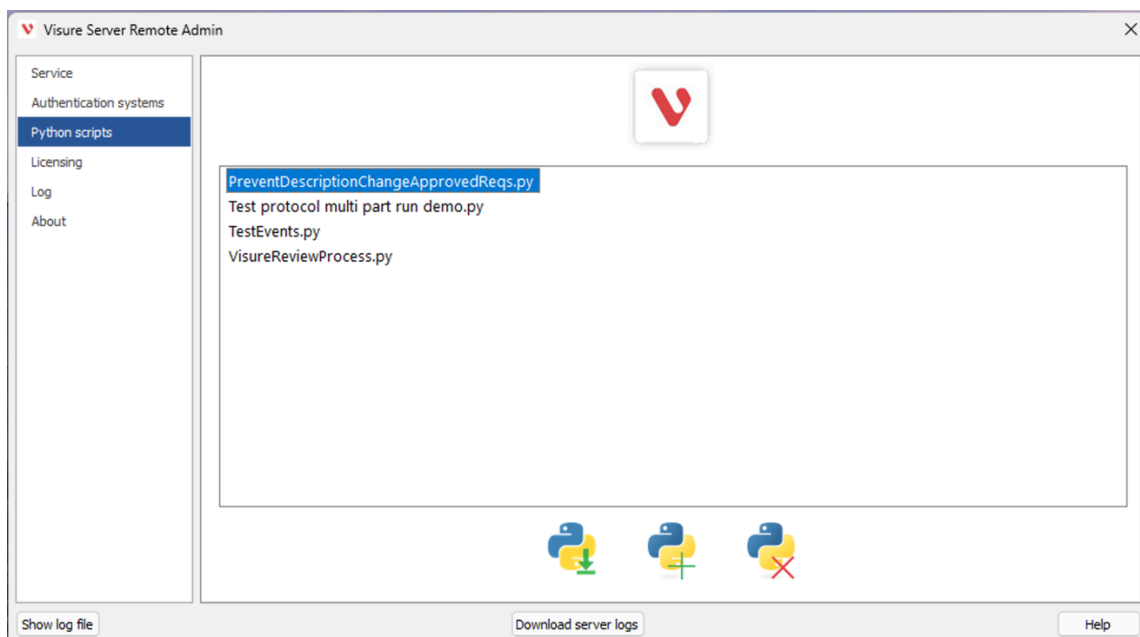
2.4 Visure Server

2.4.1 Restricted Remote Server Settings

The **Remote Server Settings** application in Visure 8.3 has been extended with a new **“Restricted” mode**, providing administrators with a secure and controlled way to manage key server operations.



In this mode, authorized users can **manage (upload and download) Python scripts and log files** directly from the interface, without requiring full administrative access to the server. This setup enhances operational safety by limiting permissions to essential maintenance tasks, allowing organizations to maintain strict security boundaries while still supporting flexibility for development and troubleshooting activities.



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3 What's New in Visure 8.2

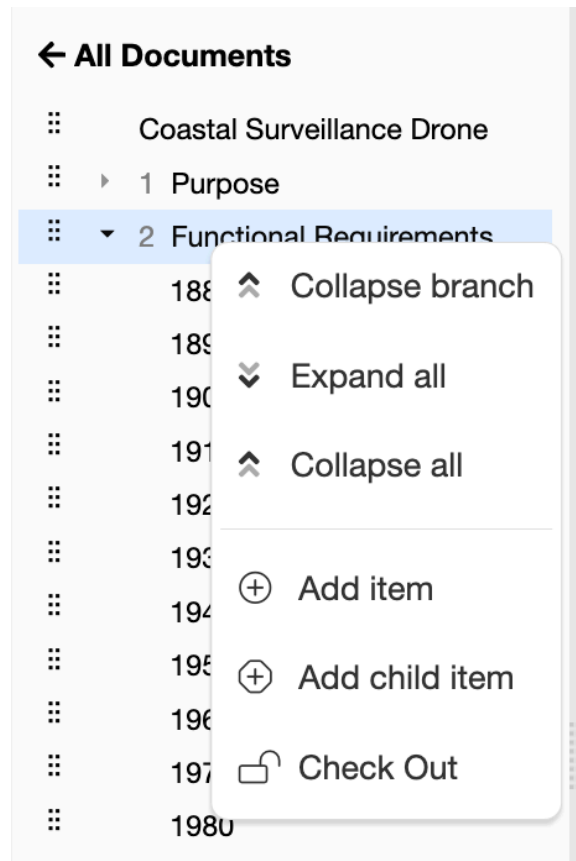
3.1 Visure Authoring

3.1.1 Usability Improvements

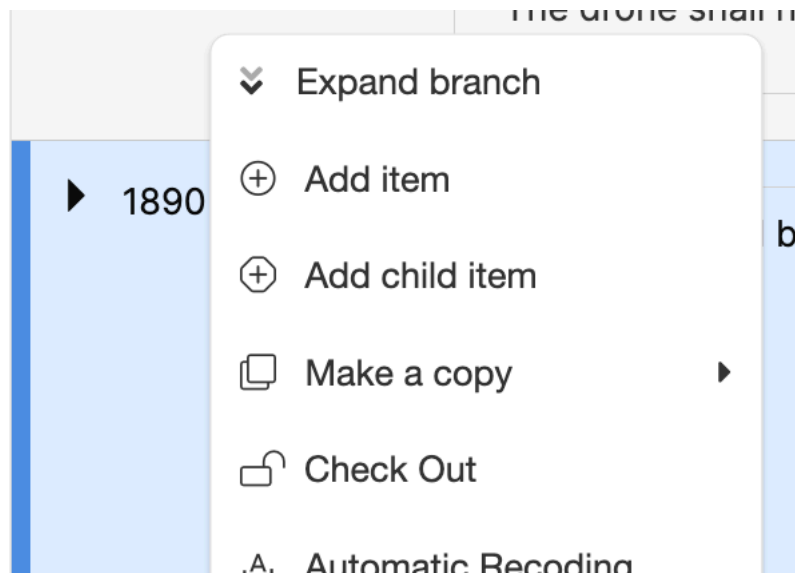
Visure 8.2 brings a whole plethora of UI and usability improvements, from streamlined interfaces to better icon placements to make the experience of Visure more pleasant to the end user.

3.1.1.1 Expanding and Collapsing Hierarchies

Visure 8.2 allows users to expand and collapse entire item hierarchy trees and branches from the document browser and document navigation panel, making the navigation through the documents easier.



The traceability tree view also incorporates the option to expand the tree to display all the links of a given item:



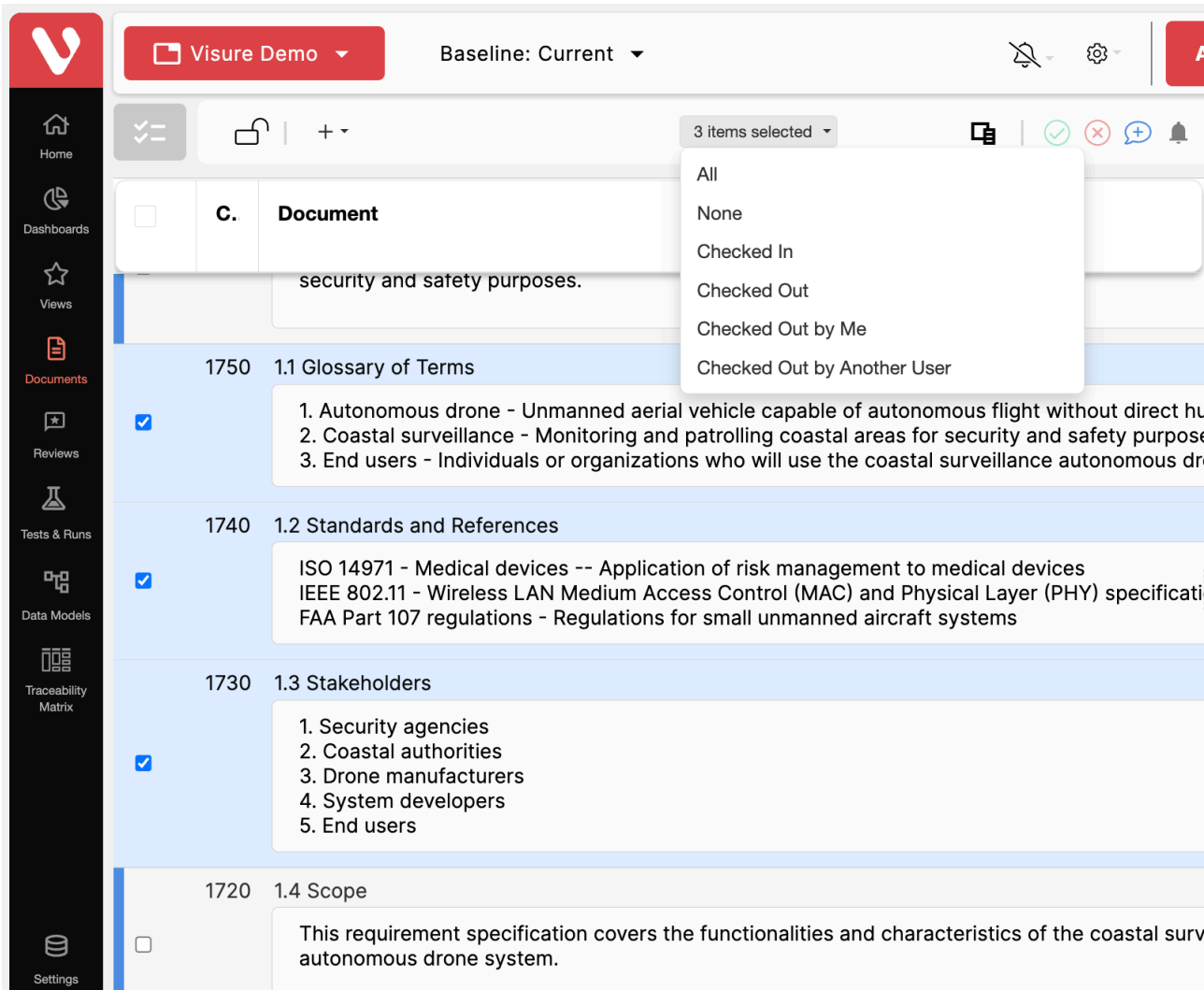
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3.1.1.2 Scrolling

Scrolling in Visure 8.2 is done asynchronously, so that the loading of items feels smoother and quicker.

3.1.1.3 Multiselection

Users can now perform actions in bulk in a more effective way by selecting multiple items in a quick way through the selection combo box in the toolbar, or directly from the check boxes.

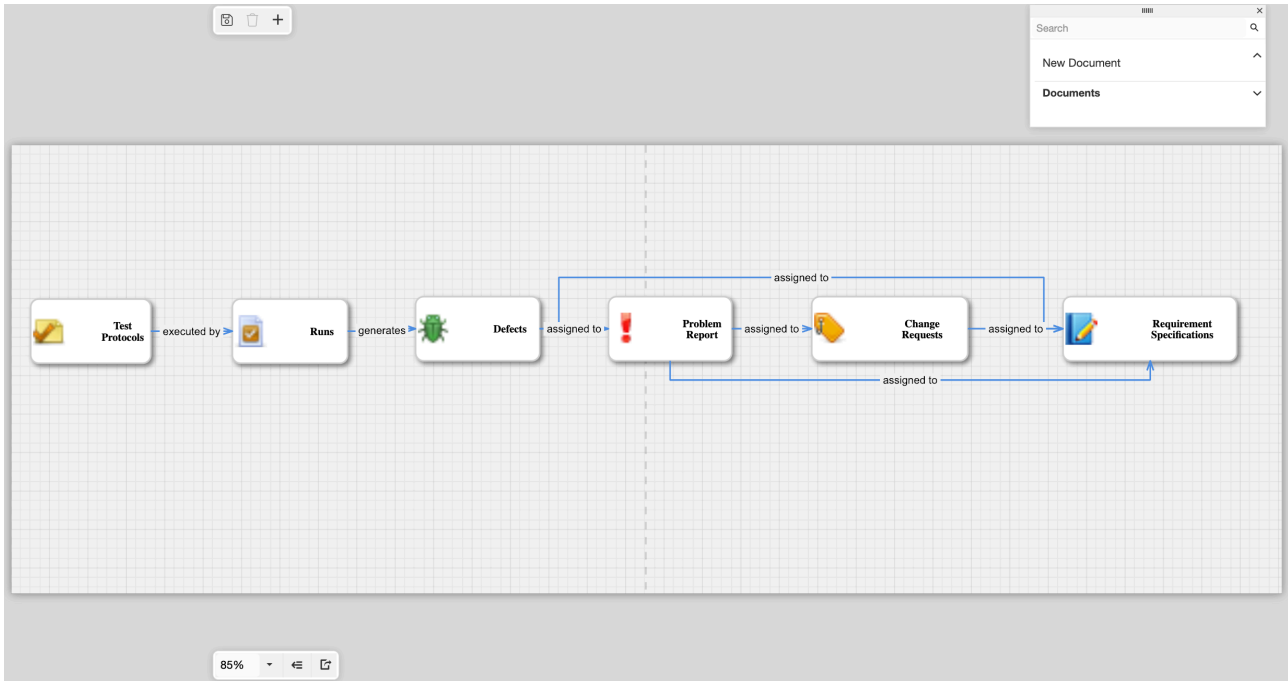


These checkboxes are available both in the list and document view and allow users to quick select all or none of the items in the document.

Visure 8.3 Release Notes

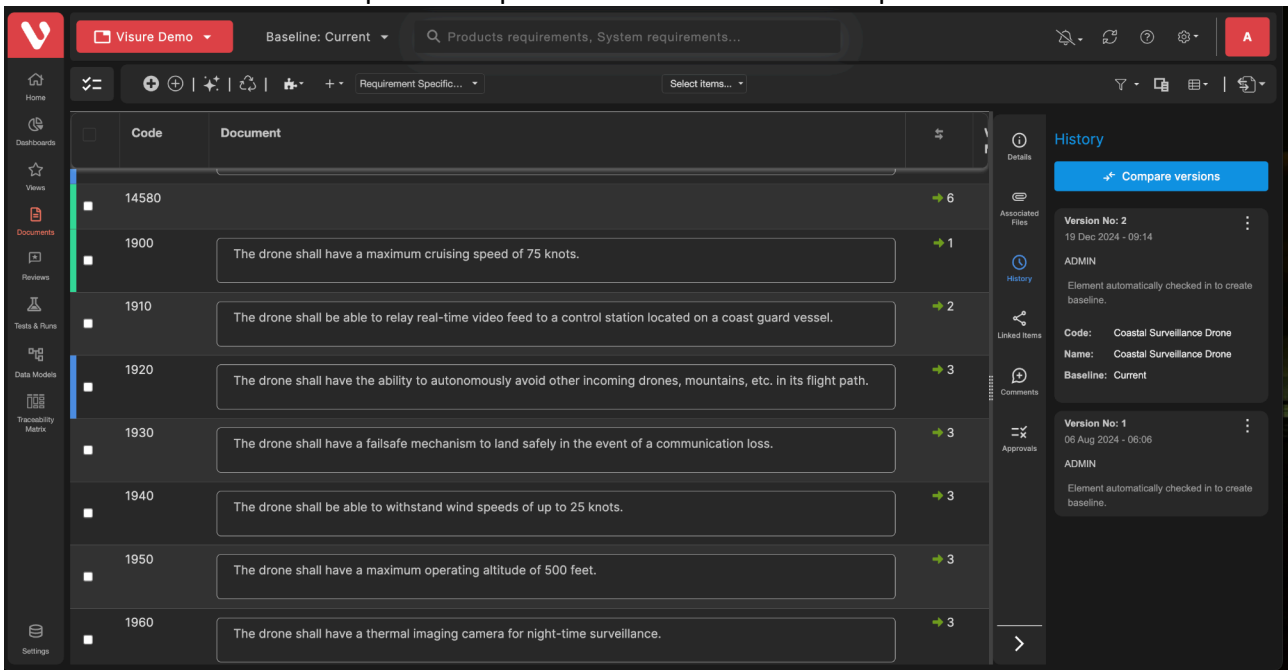
3.1.1.4 Data Models

It's now easier to create and edit data models. The new automatic link reorganization takes care of link positioning in the diagram, whereas the new “save” button allows for a smoother diagram editing experience.



3.1.1.5 Dark Mode

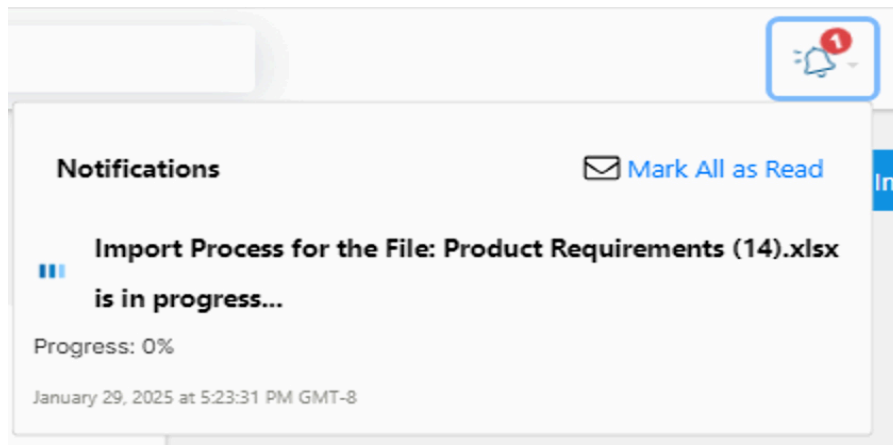
The dark mode has been improved to provide a more immersive experience:



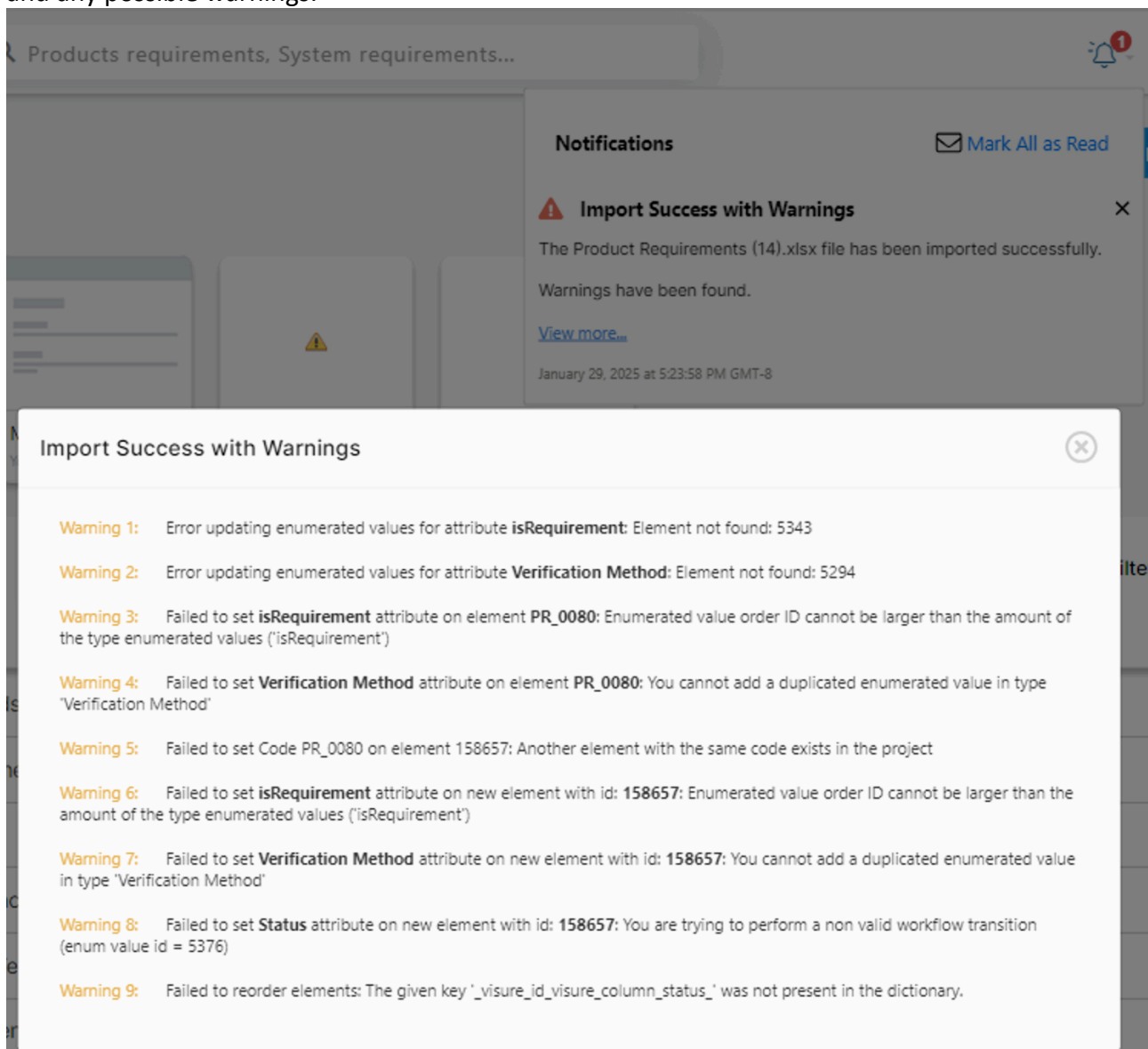
Visure 8.3 Release Notes

3.1.1.6 Background Actions and In-App Notifications

Actions expected to take more than several seconds such as import, project creation and review and test run creation, are now performed in the background, allowing the user to continue working while the original action is completed. The progress of these tasks can be checked in the notification center:



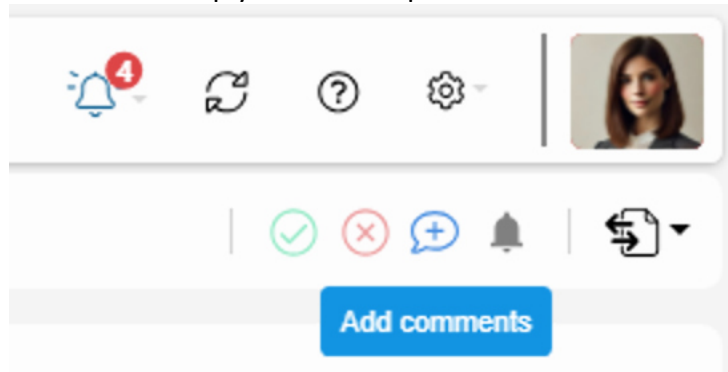
Once the task is complete, users will receive a completion notification with the status of the action and any possible warnings:



Visure 8.3 Release Notes

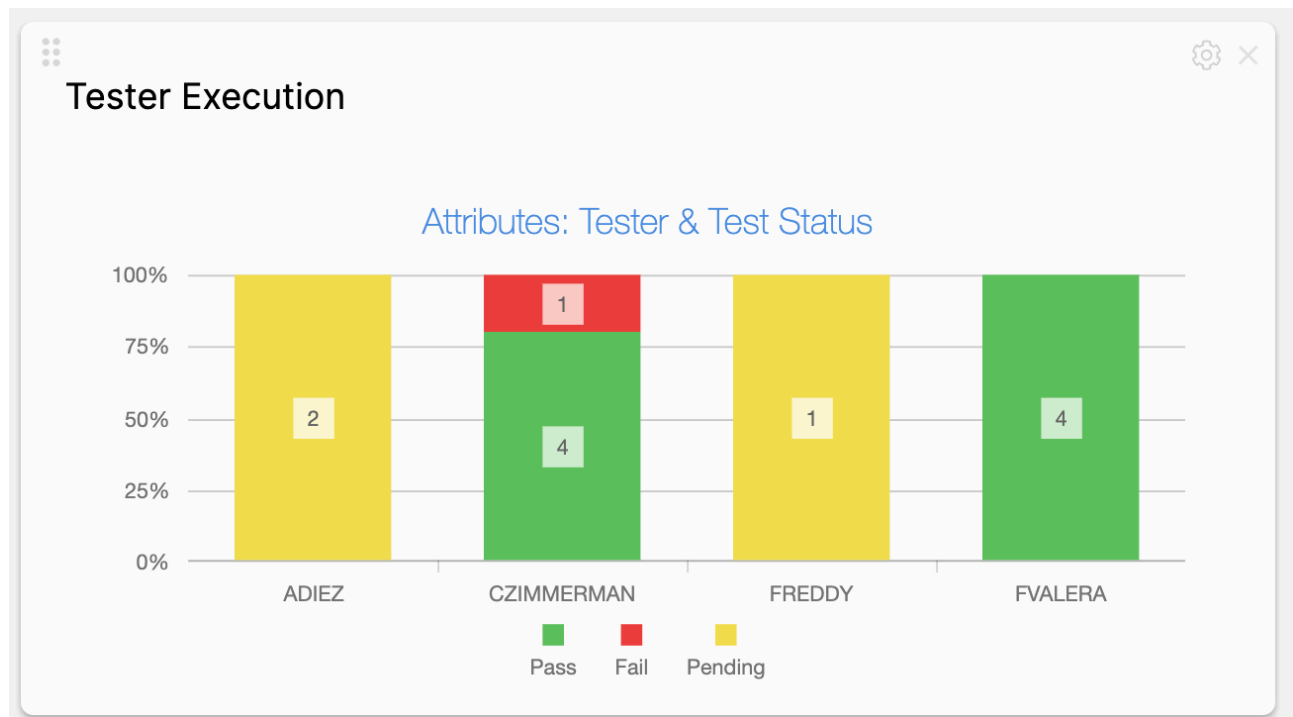
3.1.1.7 Comments

It's now possible to enter the same comment over multiple requirements at once, facilitating reviews and approvals. Users can simply select multiple items and click on the Add comment button



3.1.1.8 Dashboard Widgets

New widget configurations allow stacked bar widget to display absolute numbers or percentages, allowing users to have a clearer picture of the status of the project.



Visure 8.3 Release Notes

3.1.2 Excel and Google Sheets import

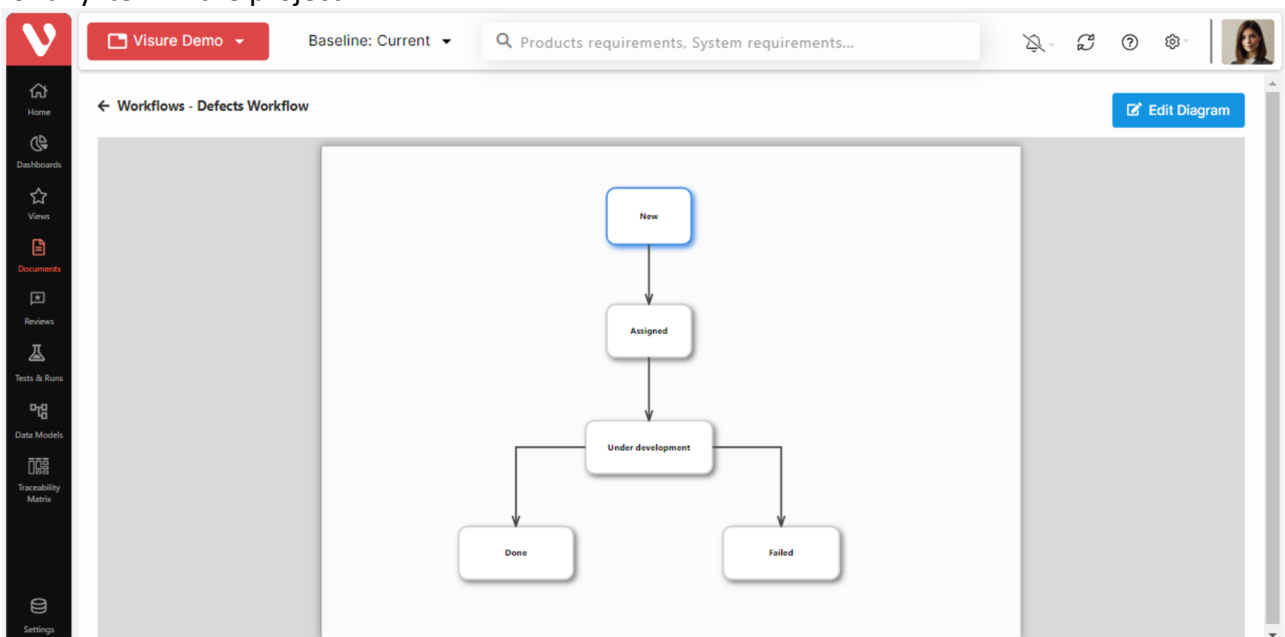
Spreadsheets is one of the most common formats to edit and exchange requirement, test and risk information. Visure 8.2 now supports the import of MS Excel files and Google sheets. The import process provides a powerful interface to map columns on-the-fly and create new attributes. The import process will automatically detect items that are already in Visure and highlight the changes so that the user can perform a more information decision on which items to import. The import process also supports the synchronization of links.

This powerful import process allows users to perform round-trip operations, by exporting requirement information, editing it offline and reimporting it back.

Status	Status Indicator	Code	Name	Description	isRequirement	Effort
<input checked="" type="checkbox"/>	Modified	Checked-in	PR_0300	The system shall not weight more than 6 kg	Item	5
<input checked="" type="checkbox"/>	Modified	Checked-in	PR_0080	The equipment shall be used in Hospitals in North America, including US, Canada and Mexico	Requirement	2
<input checked="" type="checkbox"/>	New	Checked-in	PR_0080	The equipment shall be compliant with local standards	Requirement	2
<input checked="" type="checkbox"/>	Modified	Checked-in	PR_0090	The equipment shall be capable of being calibrated by a technician with a maximum of 10 hours of training.	Item	5
<input checked="" type="checkbox"/>	Modified	Checked-in	PR_1550	Donorluk Çözünürlük	Item	6

3.1.3 Workflows

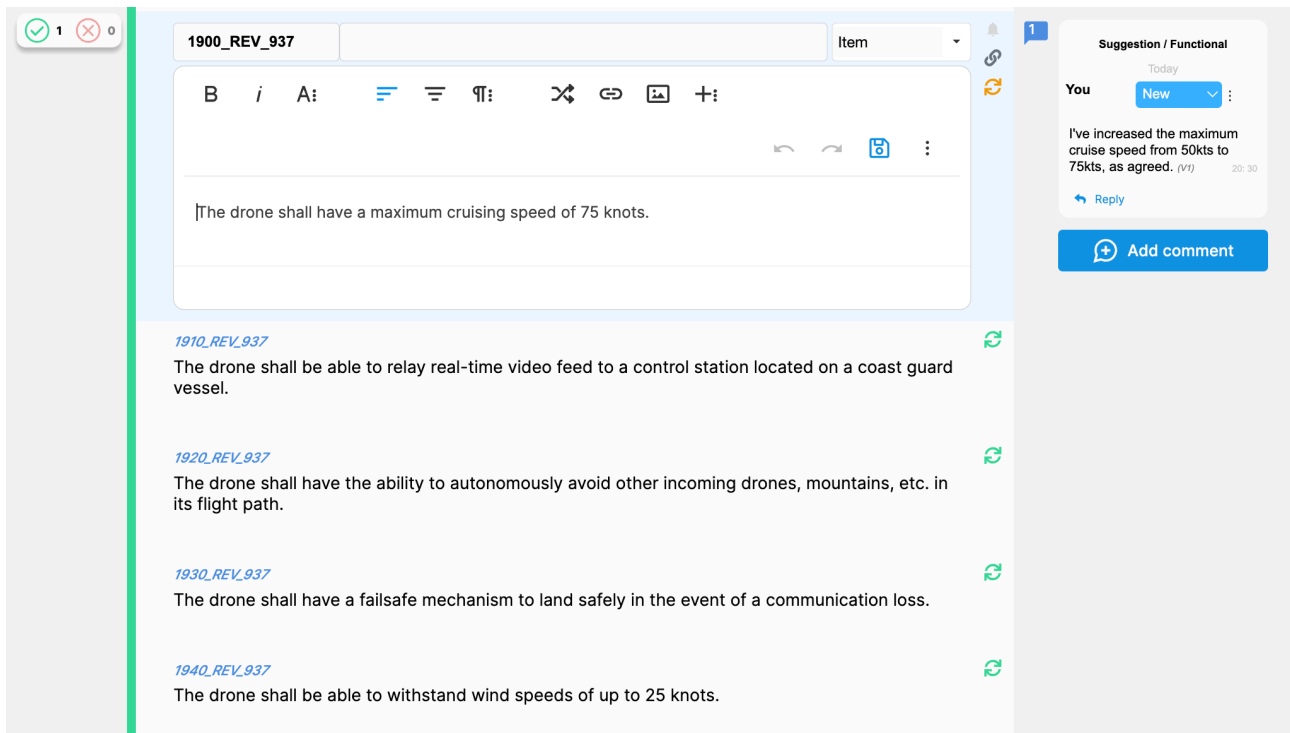
Workflows are an essential part of the requirements, risk and test management process, as they allow defining the status of the different types of objects, and who can perform the transitions between them. Visure 8.2 supports a native workflow capability, allowing the creation of workflows for any item in the project



Visure 8.3 Release Notes

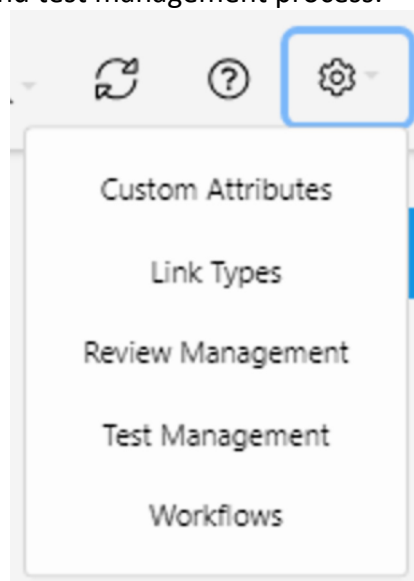
3.1.4 Review Synchronization

Reviews help engineers establish a formal review and approval process, identifying who needs to review which requirements or documents. The existing review process is now completed with a new synchronization capability that allows users identify review items that have been modified since the review was created and synchronize the changes back to the original document.



3.1.5 Project Configurations

Project Managers have all configurations of the project available directly from the project configuration window, where they will be able to create new attributes, workflows and link types, as well as configure the review and test management process:



Visure 8.3 Release Notes

3.1.6 New Email Notifications

As part of the existing email notifications, Visure 8.2 now incorporates a new one that allows project administrators and other users to receive an update when a user signs a baseline, or when the baseline has been fully signed.

3.1.7 Repository and Project Settings

Visure 8.2 incorporates a major step in taking control of the repository and project, by allowing the ADMIN user, Super Administrators and Project Administrators to access and edit the repository and projects settings.

These settings, include:

3.1.7.1 Repository Settings

The repository settings allow editing all repository configurations such as enabling reusability or traceability between projects, as well as configure the email for the email notifications.

The screenshot displays the Visure 8.3 web application interface. On the left is a dark sidebar with navigation icons for Home, Dashboards, Views, Documents, Reviews, Tests & Runs, Data Models, and Traceability Matrix. The main content area is titled 'Settings' and contains two sections: 'Repository Details' and 'Email Configuration'.

Repository Details:

- Name:** A text input field containing 'AI'.
- Connection User:** A text input field containing 'admin'.
- Reusability:** An unchecked checkbox.
- Encrypted Descriptions:** An unchecked checkbox.
- Traceability Between Projects:** An unchecked checkbox.
- Description:** A text area with the placeholder text 'Project Description...'.

Email Configuration:

- Email Server Host:** A text input field containing 'smtp.gmail.com'.
- Email Server Port:** A text input field containing '465'.
- User:** A text input field containing 'notifications@visuresolutions.com'.
- Password:** An empty text input field.
- Use Secure Connection:** A checked checkbox.
- Enable STARTTLS:** An unchecked checkbox.
- Send Emails When There Is A New Auto Provisioned User:** An unchecked checkbox.

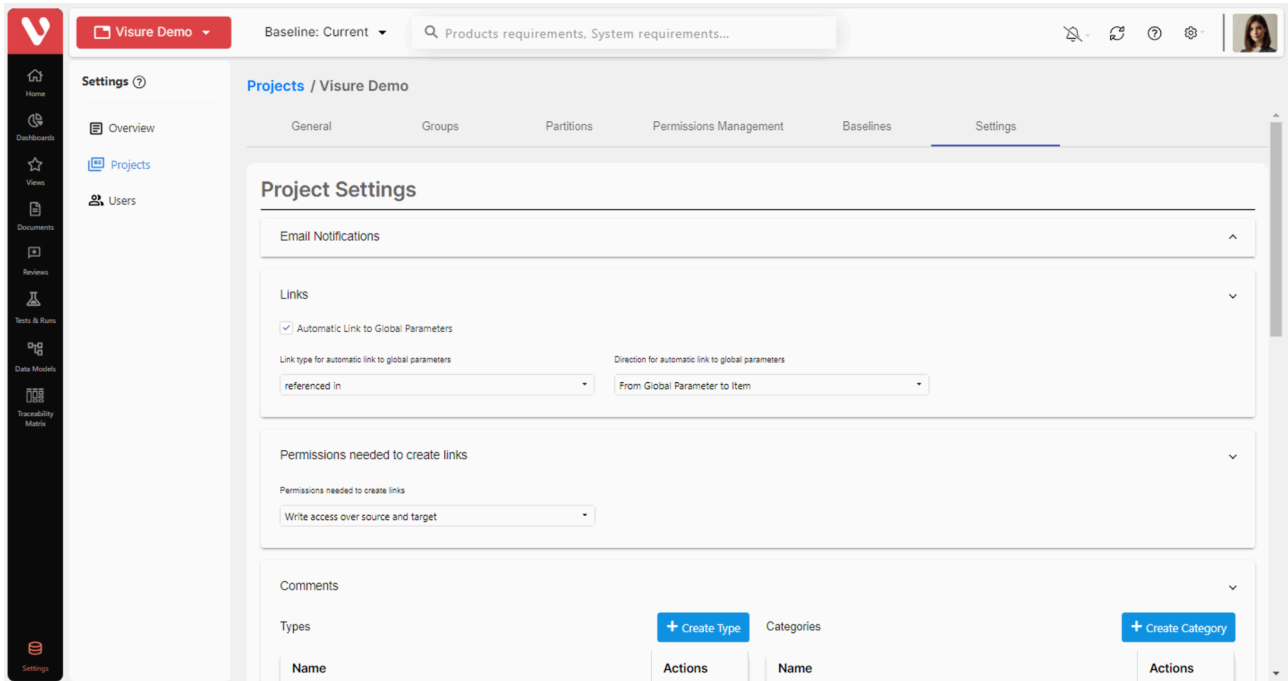
A blue button labeled 'Send Test Email' is located at the bottom right of the Email Configuration section.

Visure 8.3 Release Notes

3.1.7.2 Project Management

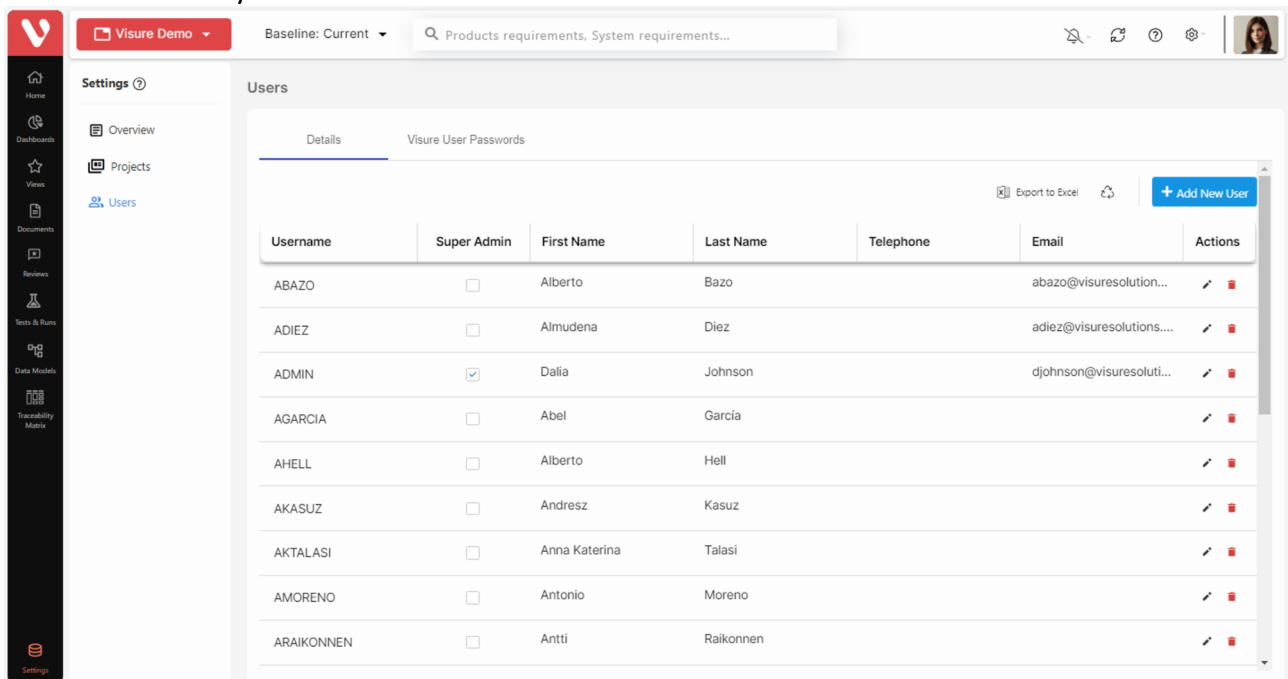
The project management section allows administrators create, edit, delete, destroy and purge projects, as well as manage project templates.

Within the project editing, administrators will be able to manage the details of the project (code, name, description, scope, etc.) as well as user groups, access partitions and access rights. Administrators will also be able to change the project settings.



3.1.7.3 User Management

The user management section allows administrators to create (Visure, Azure, Windows, ODIC), edit, delete and destroy users.



Visure 8.3 Release Notes

3.2 Visure Desktop

3.2.1 Usability Improvements

3.2.1.1 *Export to Excel*

The export to Excel incorporates several usability improvements such as color export and more appropriate column widths.

3.2.1.2 *Horizontal Scrolling in the List View*

Horizontal scrolling has been improved to prevent undesired reloading of the height of items, especially when working with text attributes containing many characters.

3.2.1.3 *Smart Sorting of Text Columns*

When text columns include a combination of text and numbers, the sorting has been improved to reflect a more intuitive sorting as a combination of text and number sorting.

In this way, PR_10, PR_20, PR_30, PR_100 and PR_200 will be sorted as:

PR_10
PR_20
PR_30
PR_100
PR_200

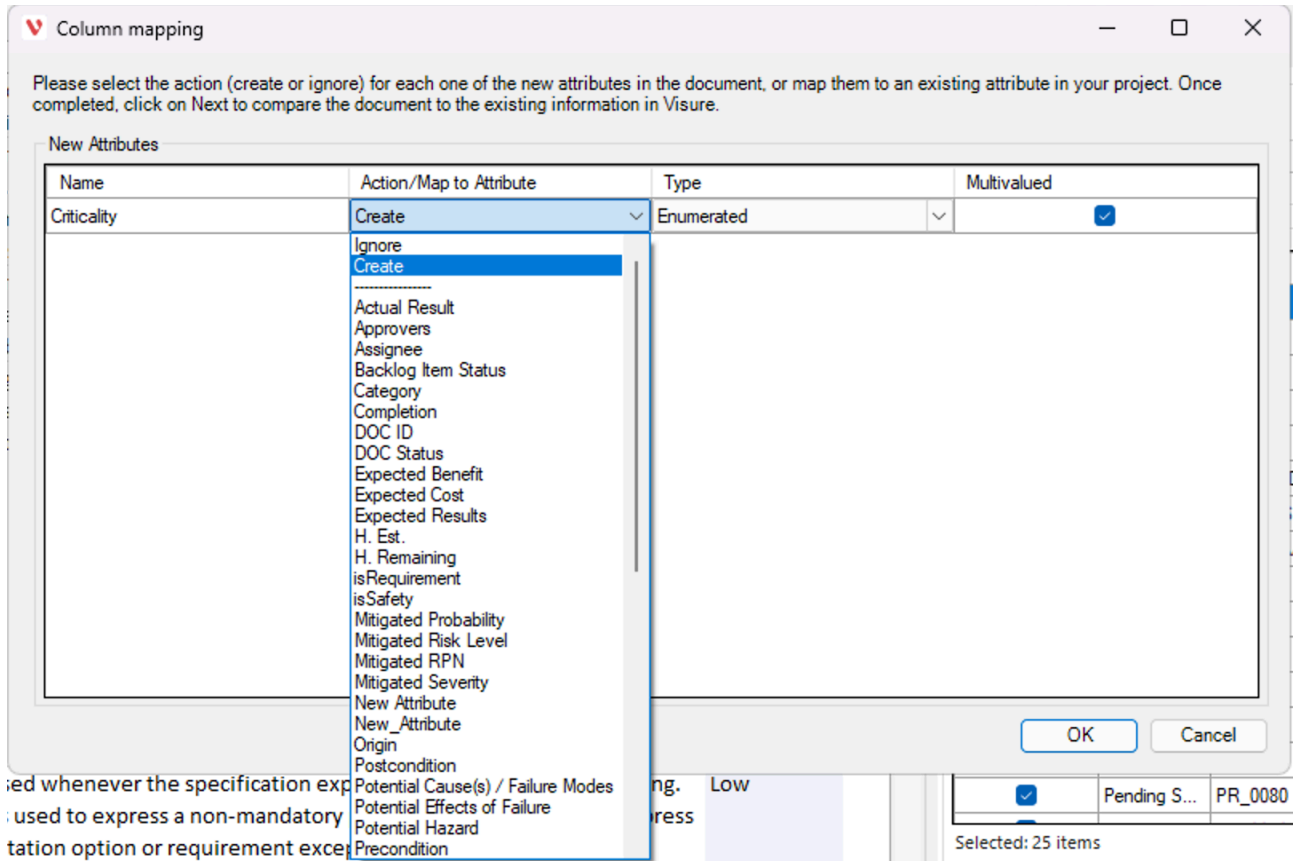
Whereas a pure alphabetical sorting would sort these items as:

PR_10
PR_100
PR_20
PR_200
PR_30

Visure 8.3 Release Notes

3.2.2 Import from Excel

The import from MS Excel plugin now features many of the same improvements implemented in Visure Authoring, in which attributes can be created and updated during the import process, without having to go back to the Visure client.

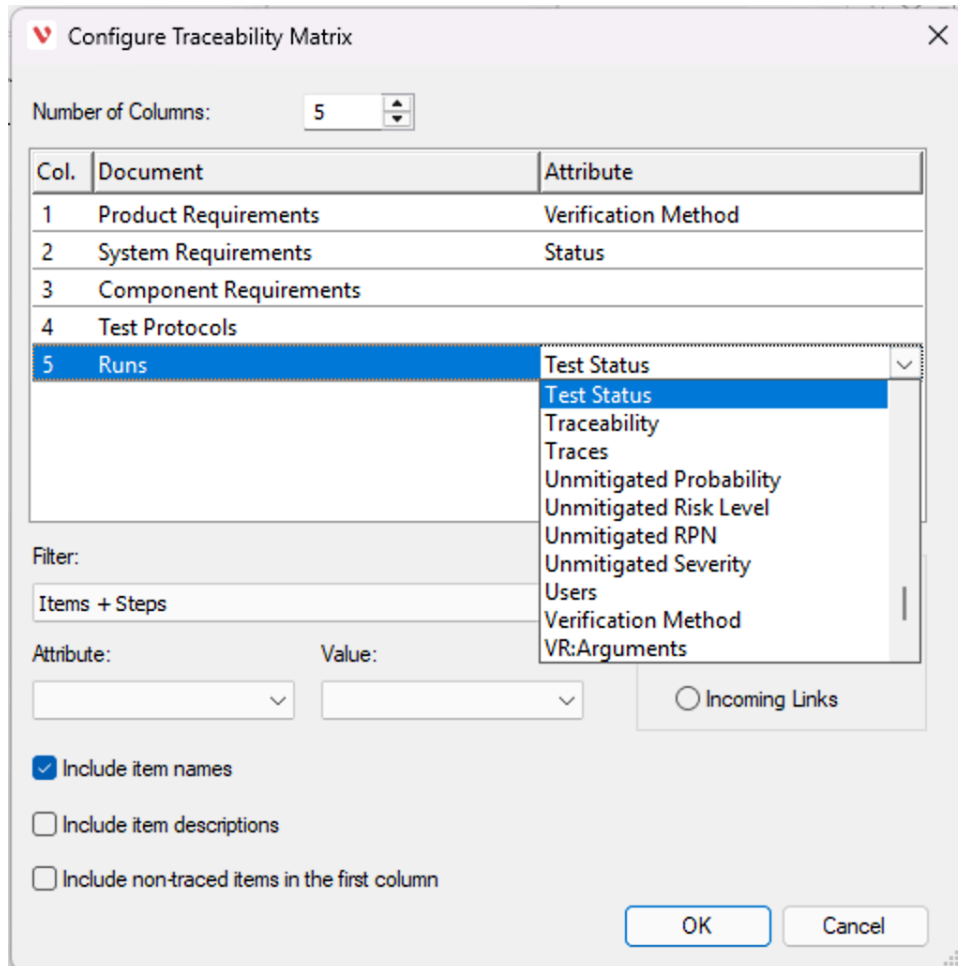


Along with the synchronization of existing and new attributes, the MS Excel plugin in Visure 8.2 allows the full synchronization of traceability by checking the “Overwrite existing links”. This option will not only create new links but delete links that may have been removed in the Excel spreadsheet, supporting a full round-trip to Excel for links.

Visure 8.3 Release Notes

3.2.2.1 Attributes in Traceability Matrix

The traceability matrix in Visure 8.2 now supports the selection of attributes in each column, so that users can, not only display all the links, but also related information in each column, like the type of requirement or execution status.



The dialog box titled "Configure Traceability Matrix" allows users to configure a traceability matrix. It features a "Number of Columns" spinner set to 5. A table lists columns with their documents and attributes. Column 5, "Runs", is selected, and a dropdown menu shows available attributes. Below the table, there are filter and attribute selection options, including checkboxes for "Include item names", "Include item descriptions", and "Include non-traced items in the first column".

Col.	Document	Attribute
1	Product Requirements	Verification Method
2	System Requirements	Status
3	Component Requirements	
4	Test Protocols	
5	Runs	Test Status

Filter: Items + Steps

Attribute: Value:

☒ Include item names

☐ Include item descriptions

☐ Include non-traced items in the first column

OK Cancel

Visure 8.3 Release Notes

3.2.2.2 Performance

Organizations need to support the demands of fast-paced markets with ever growing amounts of data. Visure 8.2 improves the performance of specific areas related to:

- Reorganization of documents and folders
- Check out items in bulk
- Establishment of Global Parameters
- Creation and reuse of components
- Establishment of links via right-click Start/set
- Sorting columns with links
- Restore deleted items dialog window

3.2.2.3 New Email Notifications

As part of the existing email notifications, Visure 8.2 now incorporates a new one that allows project administrators and other users to receive an update when a user signs a baseline, or when the baseline has been fully signed.

3.3 Visure Server

3.3.1 Python Update to 3.10

The Python version used by the server to run scripts has been updated from version 3.8 to 3.10. This means that some scripts may need to be upgraded to align to the packages provided or deprecated in this version.

Visure 8.3 Release Notes

3.3.2 Remote Server Settings

The Remote Server Settings application allows remote users to configure certain aspects of the server such as the authentication methods used (Visure, Azure Entra ID, OIDC or Windows), select the log types or upload Python scripts.

The Licensing configuration of the Remote Server Settings allows users to have a better insight of the license usage.

Administrators will be able to see the existing number of licenses, their expiration dates and the number of licenses in use.

Administrators can also get more detail on the users using the licenses, in which repositories and projects, and whether they are active or not:

The screenshot displays the 'Visure Server Remote Admin' application window. The left sidebar contains a menu with options: Service, Authentication systems, Python scripts, Licensing (selected), Log, and About. The main content area features the Visure logo at the top. Below it, the 'License' section includes input fields for 'License server name' (set to 'localhost') and 'License server port' (set to '6200'). To the right of these fields is a table showing license usage:

Feature	Used	Total	Expire Date
VRClient	1	50	
VisureApps	1	50	
VisureWebRevi...	0	50	

Below this table is a larger table listing active sessions:

C. Feature	Sessions	Connection	User	Proj...	Last Activity	Active
4. VRClient	1	AI	ADMIN	Tuto...	0 minutes ago	Yes
5. Server Remote Admin	1				0 minutes ago	Yes
9. VisureApps	1	AI	ADMIN	Spac...	0 minutes ago	Yes

At the bottom of the main content area, there are two user icons: one with a red 'X' and one with a green refresh symbol. The footer of the application window includes three buttons: 'Show log file', 'Download server logs', and 'Help'.

Visure 8.3 Release Notes

4 What's New in Visure 8.1

4.1 Visure Authoring

4.1.1 Review Management

The Review Management feature, previously available on the desktop, is now accessible via Visure Authoring, making it easier and more accessible for end users. Using Review sessions, members of the team come together to evaluate and discuss the requirements of a project, ensuring clarity, completeness, and alignment of the requirements with project objectives. This feature has also been restructured for improved usability. When a new review is created, a folder structure that mirrors the reviewed document is automatically generated. This facilitates classification and organization, especially when dealing with numerous reviews.

Documents

- Reviews
 - REV_Requirement Specifications
 - REV_Product Requirements
 - REV_Product Requirements_202...
 - REV_Component Requirements
 - REV_Electrical Requirements
 - REV_Electrical Requirements_...

Review sessions [Create Folder] [Create review session]

Recent Review sessions

REV_Electrical Req...
You opened it 39 minute...

Reviews / Reviews / REV_Requirement Specifications

Folder REV_Component Requirements

Folder REV_Product Requirements

REV_Electrical Requirements_2024-07-10_1940

COD_REV_Electrical Requirements_202... Introduction

Review Name	REV_Electrical Requirements_2024-07-10_1940
Review Date	7/10/2024 5:43:01 PM
Review Due Date	7/23/2024
Reviewer(s)	Visure Admin - ADMIN - fvalera@visuresolutions.com, Mauro Rivero - MRIVERO - mrivero@visuresolutions.com
Approver(s)	Mauro Rivero - MRIVERO - mrivero@visuresolutions.com
Project Name	ProtonMed - Mauro
Document under review	Electrical Requirements
Baseline	Current
Other	

ElecReq_0020_REV.1 Electronic components temperature
The maximum temperature rise between the external ambient temperature and the ambient temperature inside the electronics enclosure should be 35C.

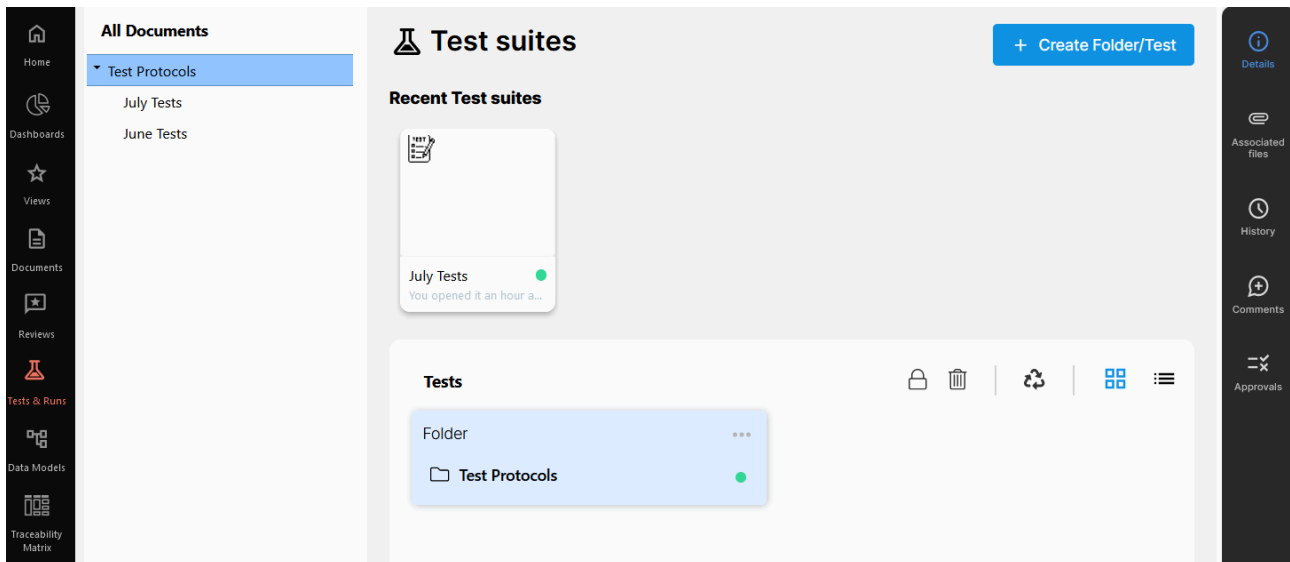
ElecReq_0010_REV.1 Power cord availability
One AC power cord shall be available on the main connection panel for access by end users.

Visure 8.3 Release Notes

4.1.2 Test Management

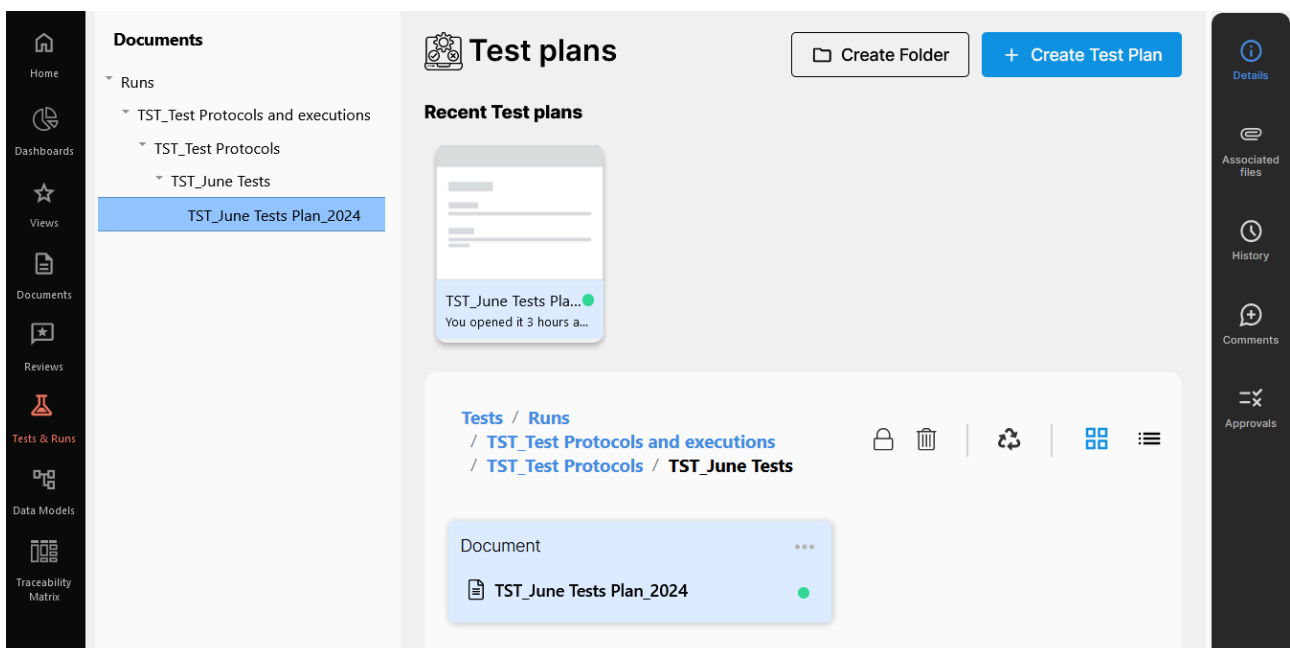
4.1.2.1 Test Suites and Protocols

This section functions similarly to document management but distinguishes between document types such as requirements, defects, tasks, and testing protocols and procedures. The combination of protocols and procedures forms a test suite which streamlines the management and differentiation of testing documents. Tests suites group all test protocols and procedures, providing a dedicated workspace for testers, allowing them to concentrate more effectively on their tasks.



4.1.2.2 Test Plans and Executions

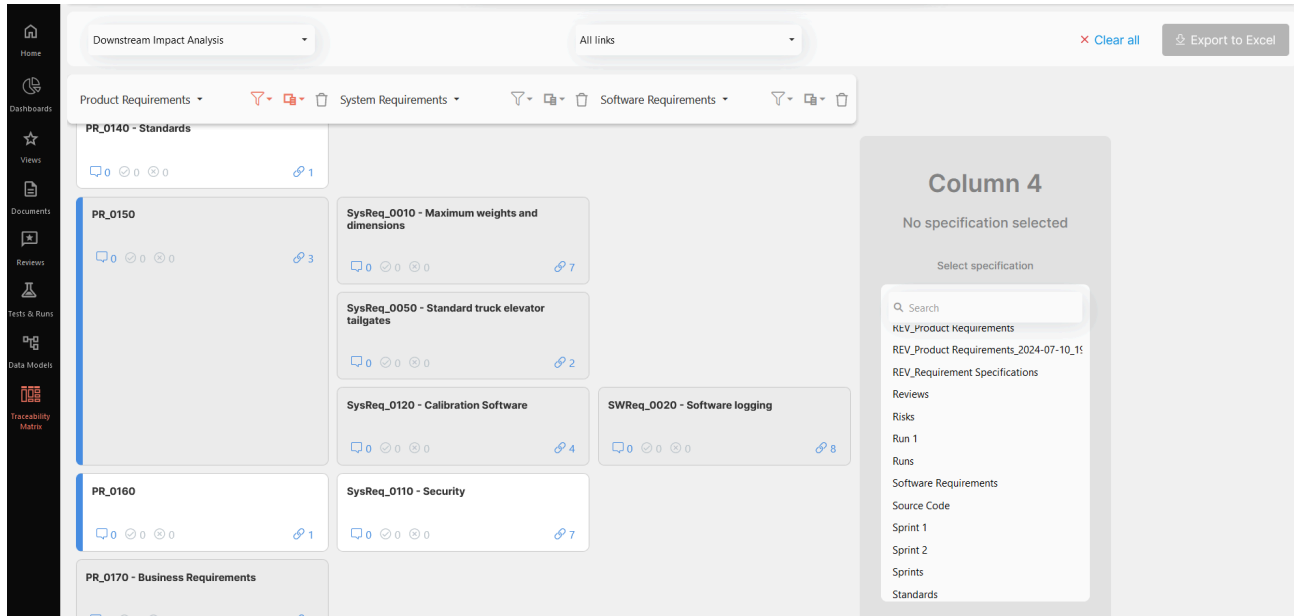
Test Plans and Executions are now accessible on Visure Authoring, enhancing ease of use and accessibility for end users. Test Plans contains the full list of test protocols and procedures that the users have selected to execute, presented in a more structured format. The history of all executions will be saved and easily accessible. When an execution is generated, a folder structure is automatically created to reflect the reviewed test protocol, facilitating the organization and classification of multiple executions.



Visure 8.3 Release Notes

4.1.3 Traceability Matrix

The new Traceability Matrix feature offers the ability to generate matrix with attributes and filters in each column to meet various documentation needs. This includes creating any type of traceability matrix, such as Requirements Verification Traceability Matrix (RVTMs), providing customizable matrices for precise documentation needs. The export functionality allows for easy sharing and distribution of matrix to clients. Additionally, saving options enable all users to access the same list of matrices, ensuring consistent and standardized matrix management across teams.

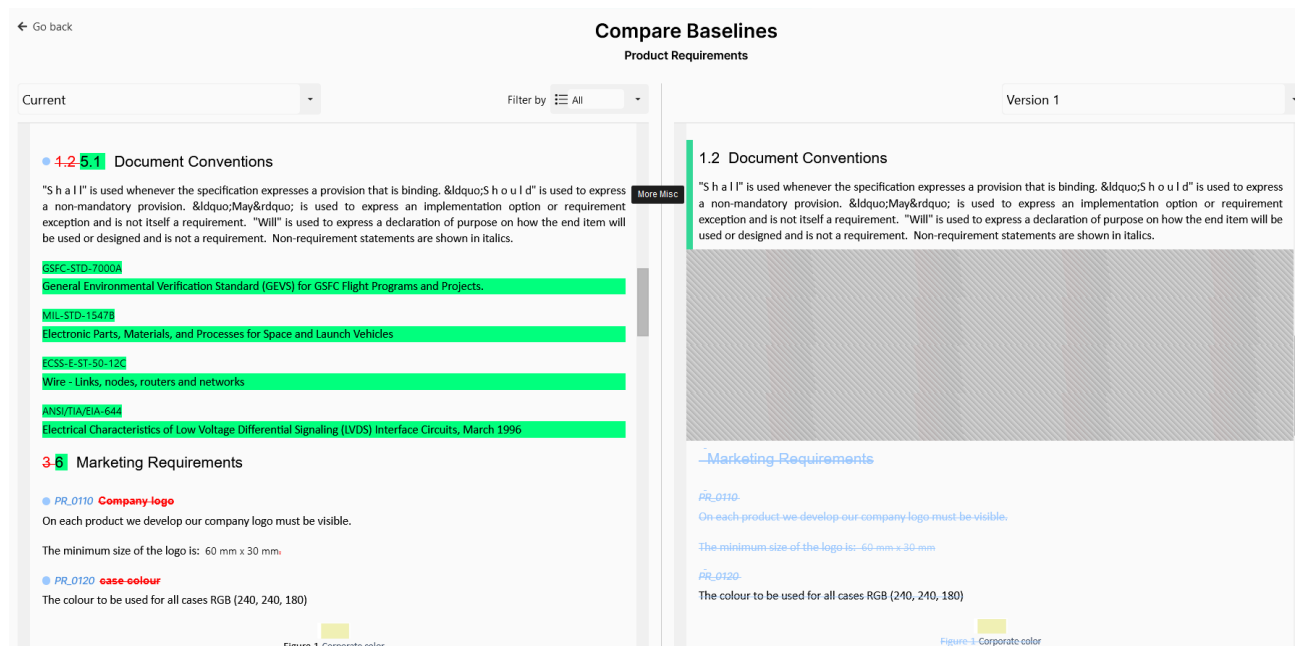


4.1.4 Baseline Management

Baseline Management has seen significant improvements in this version, allowing for comprehensive management.

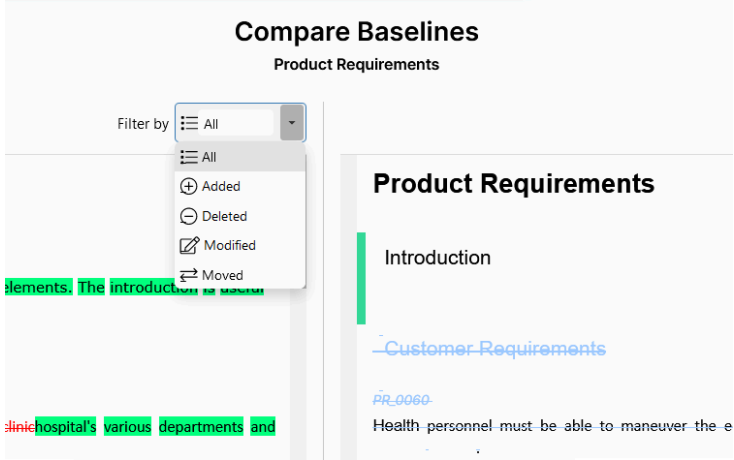
4.1.5 Baseline Comparison

One of the key enhancements is the ability to generate redlined comparisons of two documents directly within Visure, showing differences between attributes as well. This eliminates the need to export to Word for comparisons, streamlining document comparison and highlighting changes efficiently.



Visure 8.3 Release Notes

It is now possible to filter modified or added items, as well as deleted and moved. This flexibility allows users to focus on relevant changes more effectively.



4.1.6 Baseline Creation

Users can now create partial and complete baselines, enabling the generation of versions for documents, document sets, or entire projects, with the benefits of baseline management. Additionally, when creating a baseline, users can easily select approvers, simplifying the approval process and ensuring timely reviews This flexibility enhances version and approvers control.

New Baseline

1

Baseline details

2

Documents

3

Electronic signature

Name *

Release 3.0

Description

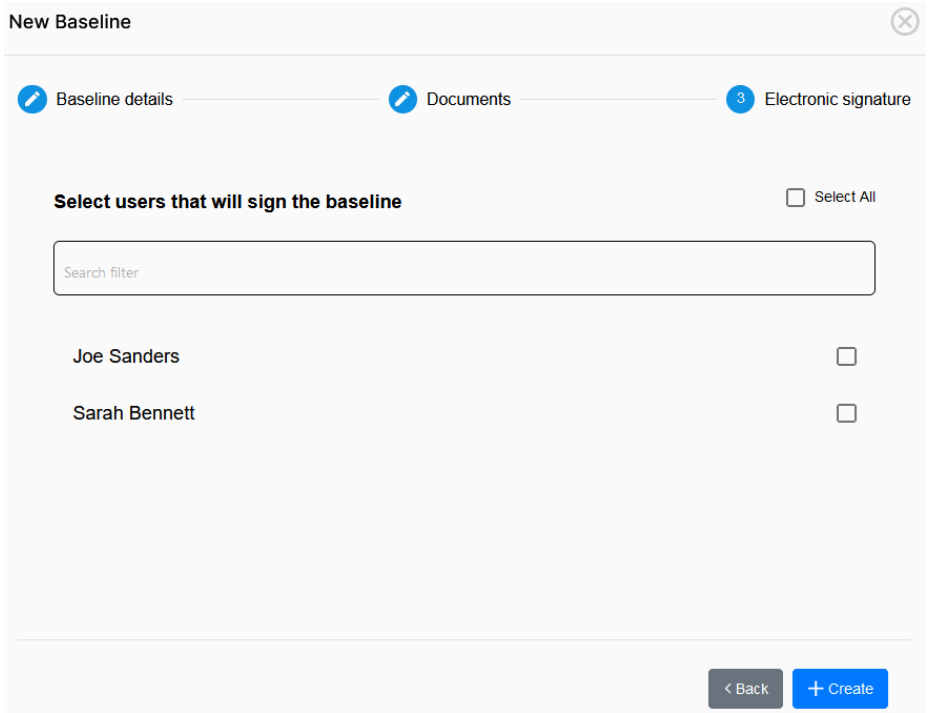
Version 3.0 will be released on September 2024. All approvers should review and approve until the end of August.

☒ Partial baseline

Cancel

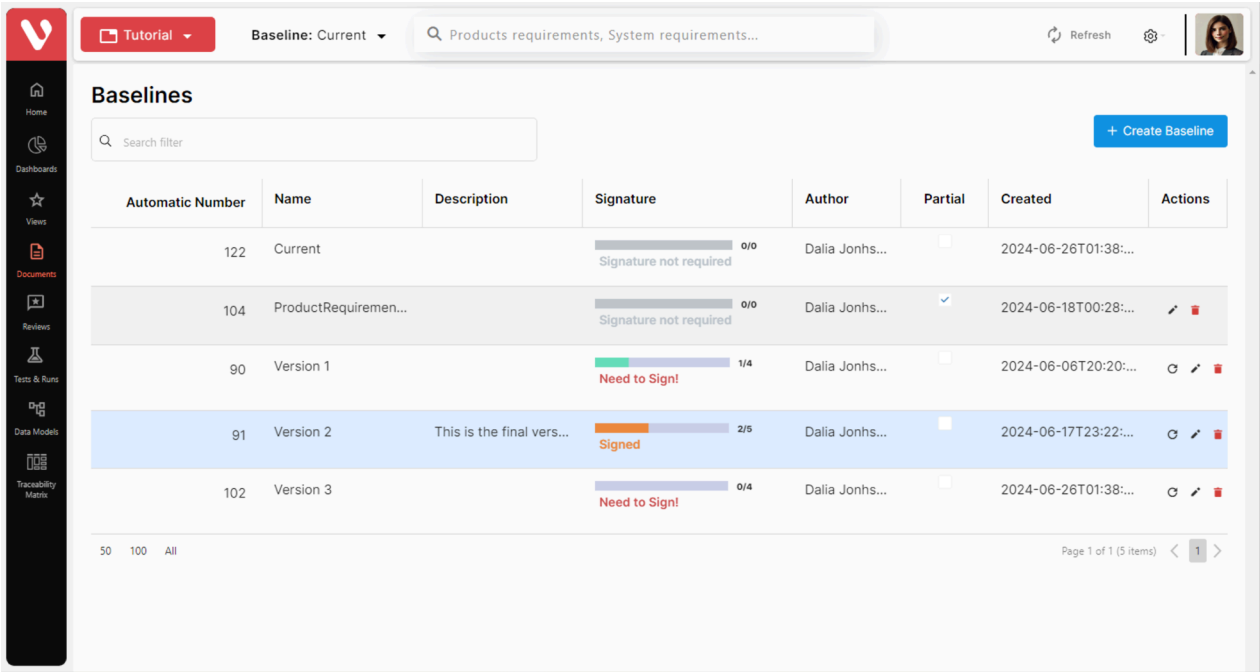
Next

Visure 8.3 Release Notes



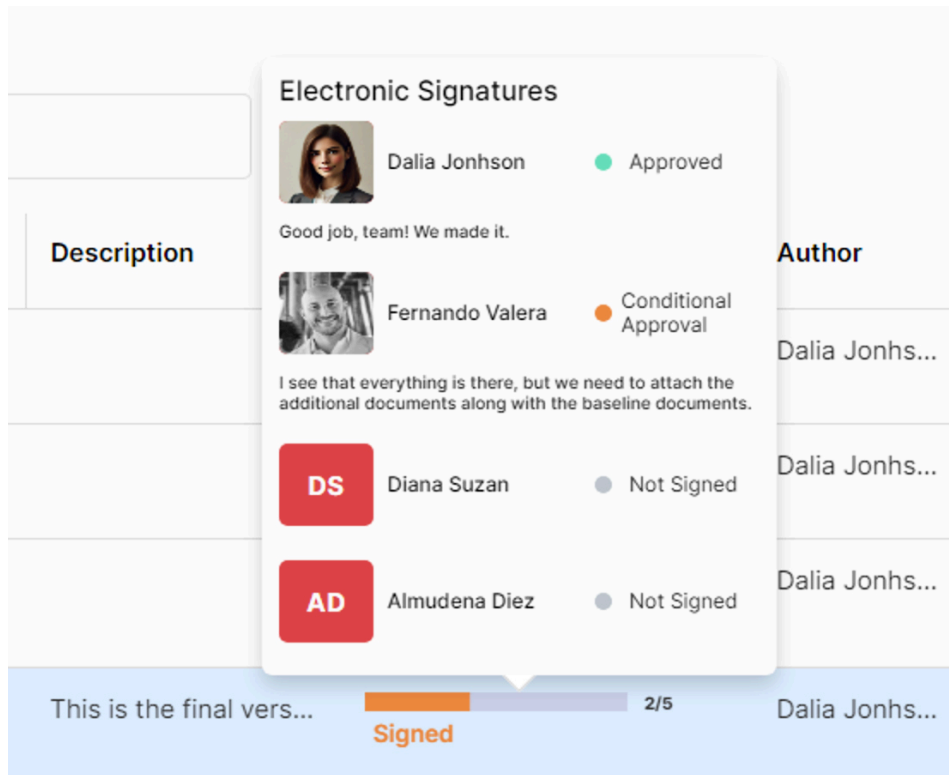
4.1.7 Baseline signature and list

The complete list of baselines can be viewed, filtered, and the signature status of each can be seen immediately. This feature enhances collaboration by allowing users to activate the baseline and go directly to the signature process with a simple click on "Need to Sign!". Simplifies baseline tracking and signature processes.



During the approval process, some users may need to interact with each other to discuss specific aspects of the project or provide clarification on certain points. To facilitate this collaboration, we have added a new feature that allows approvers to view all comments made by their peers during the approval process, just hovering over the signature progress bar.

Visure 8.3 Release Notes



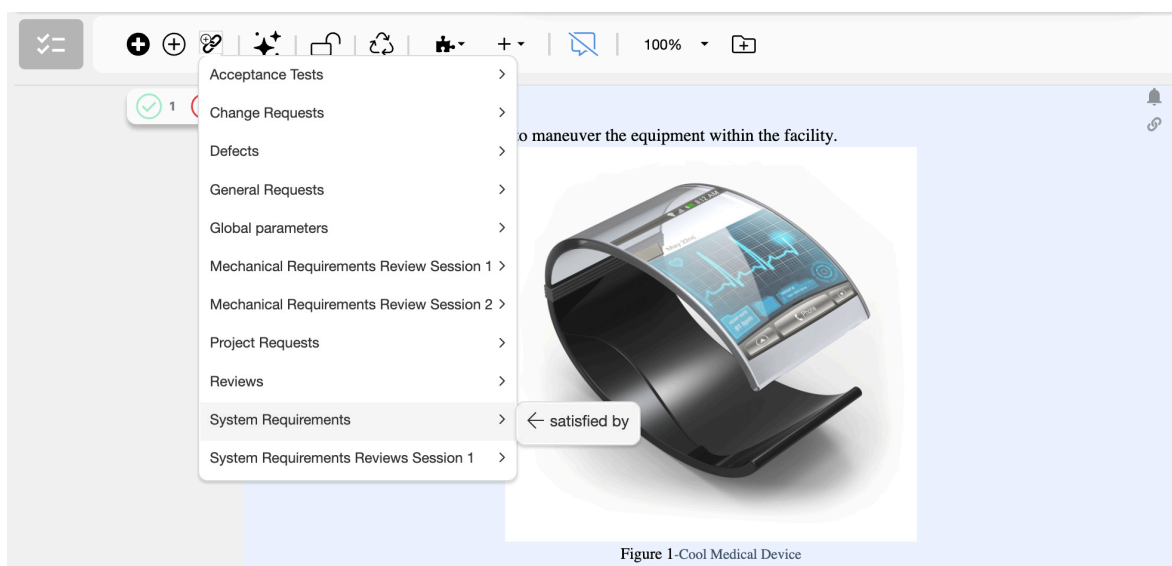
4.1.8 Modified Since last Baseline

Elements modified since the last baseline are highlighted with a blue bar on the left or a blue circle on the right, allowing users to quickly identify and review modified items. This quick identification of recent changes enables efficient reviews.

4.1.9 Other

4.1.9.1 Add related

This feature allows users to create items directly related to the selected item, increasing efficiency by avoiding the need to switch documents and trace items separately. This boosts productivity by simplifying item creation and linking.



Visure 8.3 Release Notes

4.1.9.2 New Columns in List View

Document	Priority	satisfied by	Appr...	Revi...
Requirement Specifications				
1 Maximum weights and dimensions No single crate shall exceed maximum dimensions and weights for airplanes transporting systems to domestic or international municipal airports. Subassembly and field replaceable unit designs should consider install-ability and avoid the maximum shipping size where possible.	High	1 → 6 → MechReq_0110 - Fiber connector robustness → MechReq_0030 - Weight → MechReq_0060 - Shipping size → MechReq_0040 - Air shipment → PR_0150 -		
2 Packaging Packaging shall sufficiently protect the product during all approved shipping methods, including air and ground transportation modes. – Standard shipping test methods shall be used to test packaging.	High	4 → 3 → MechReq_0120 - Mechanical cladding on fiber → MechReq_0050 - Shipping and distribution → ISO9241-11.020 - Effectiveness → MIL-STD-1547B - MIL-STD-1547B → ECSS-E-ST-50-12C - ECSS-E-ST-50-12C → GSFC-STD-7000A - GSFC-STD-7000A		
3 Cart mobility Rolling the mobile carts shall require a low enough pushing and pulling force to be transported throughout the hospital by a small adult	Medium	→ 3 → MechReq_0100 - Control Unit maneuverability → SWReq_0010 - Preference setting		
4 Doorway thresholds The mobile carts shall be capable of rolling over standard doorway thresholds.	Low	→ 3 → SWReq_0020 - Software logging → MechReq_0010 - Control Unit dimension		
5 Standard truck elevator tailgates The mobile carts shall be capable of rolling up standard truck elevator tailgates.	Low	1 → 1 → PR_0150 -		
6 Preference setting	Medium	2 → 2		

Several new columns have been added: Document and all columns of the link types, which were previously available on the desktop but are now accessible via the web. Enhanced visibility and organization of linked documents are now possible.

Document	Priority	satisfied by	Appr...	Revi...
Requirement Specifications				
1 Maximum weights and dimensions No single crate shall exceed maximum dimensions and weights for airplanes transporting systems to domestic or international municipal airports. Subassembly and field replaceable unit designs should consider install-ability and avoid the maximum shipping size where possible.	High	1 → 6 → MechReq_0110 - Fiber connector robustness → MechReq_0030 - Weight → MechReq_0060 - Shipping size → MechReq_0040 - Air shipment → PR_0150 -		
2 Packaging Packaging shall sufficiently protect the product during all approved shipping methods, including air and ground transportation modes. – Standard shipping test methods shall be used to test packaging.	High	4 → 3 → MechReq_0120 - Mechanical cladding on fiber → MechReq_0050 - Shipping and distribution → ISO9241-11.020 - Effectiveness → MIL-STD-1547B - MIL-STD-1547B → ECSS-E-ST-50-12C - ECSS-E-ST-50-12C → GSFC-STD-7000A - GSFC-STD-7000A		
3 Cart mobility Rolling the mobile carts shall require a low enough pushing and pulling force to be transported throughout the hospital by a small adult	Medium	→ 3 → MechReq_0100 - Control Unit maneuverability → SWReq_0010 - Preference setting		
4 Doorway thresholds The mobile carts shall be capable of rolling over standard doorway thresholds.	Low	→ 3 → SWReq_0020 - Software logging → MechReq_0010 - Control Unit dimension		
5 Standard truck elevator tailgates The mobile carts shall be capable of rolling up standard truck elevator tailgates.	Low	1 → 1 → PR_0150 -		
6 Preference setting	Medium	2 → 2		

4.1.9.3 Document Management

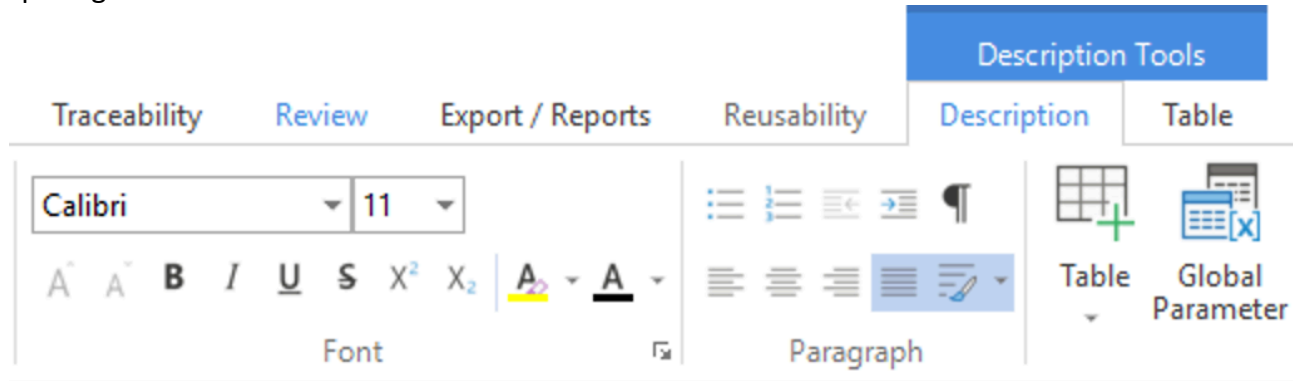
User experience improvements include adding a navigation panel that was previously unavailable, making navigation and document access easier. Enabling multiple selection and bulk operations increases efficiency with batch processing capabilities. Converting documents into reviews, test suites, and test plans for better management allows flexible document conversion for streamlined test and review processes.

Visure 8.3 Release Notes

4.2 Visure Desktop

4.2.1 Description Improvements

New features include superscript and subscript formatting options, along with improved paragraph spacing.



When tables are included, the width is reduced to ensure they fit on the page more easily, simplifying their creation.

4.2.2 Performance: New Description Cache

A new cache has been created to download all descriptions of a document, significantly improving performance after opening a document for the first time. Additionally, image descriptions are processed using a different algorithm, enhancing the display quality of images and special characters.

4.2.2.1 Modified Since Last Baseline

Elements modified since the last baseline are highlighted with a blue bar on the left or a blue circle on the right, allowing users to quickly identify and review modified items. This feature supports efficient reviews by clearly marking changes.

5 What's New in Visure 8

5.1 Review Management

A fundamental improvement in Visure 8 is the implementation of multiple features that support review management processes. Users can adjust these features and configure them to accommodate the needs of each specific project.

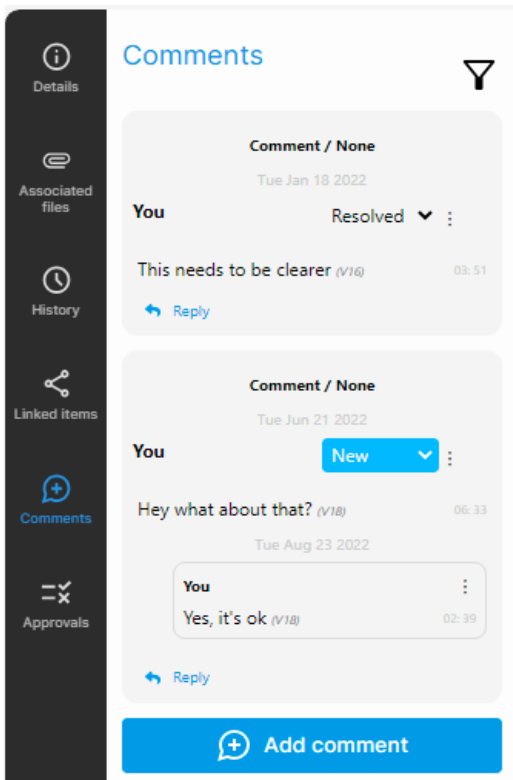
5.1.1 Comments attributes and workflow

Comments in Visure can now be categorized based on two new customizable attributes, Type (Functional, non-functional, by default) and Category (Comment, Question, Suggestion, Defect, by default). The use of these attributes in comments allows better tracking and follow-up of the results of reviews.

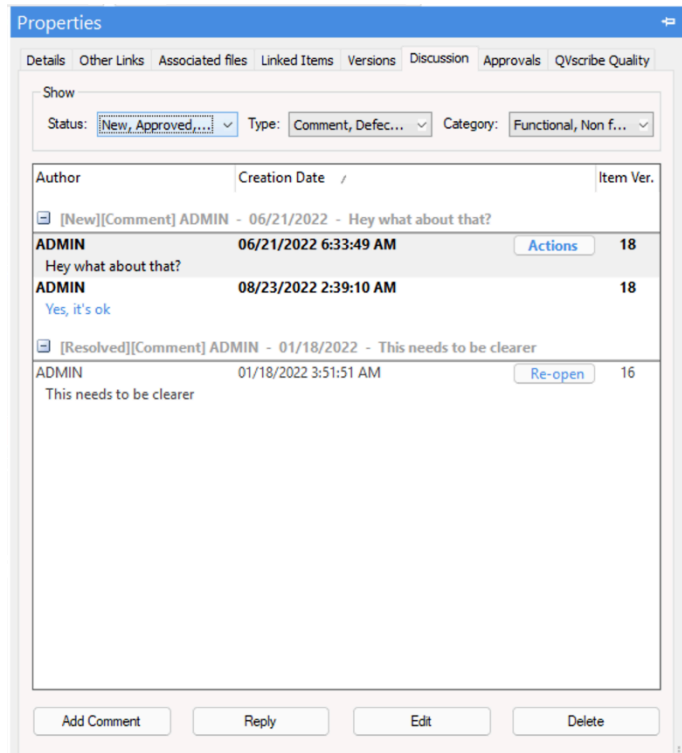
In addition, the status of the comments has also been improved to support additional states, including New, Approved, Rejected, On hold and Resolved. These states implement an internal workflow that guides the users through the resolution of a comment.

Visure 8.3 Release Notes

This option is available both in Visure Authoring and Visure desktop:



Screenshot from Web Version

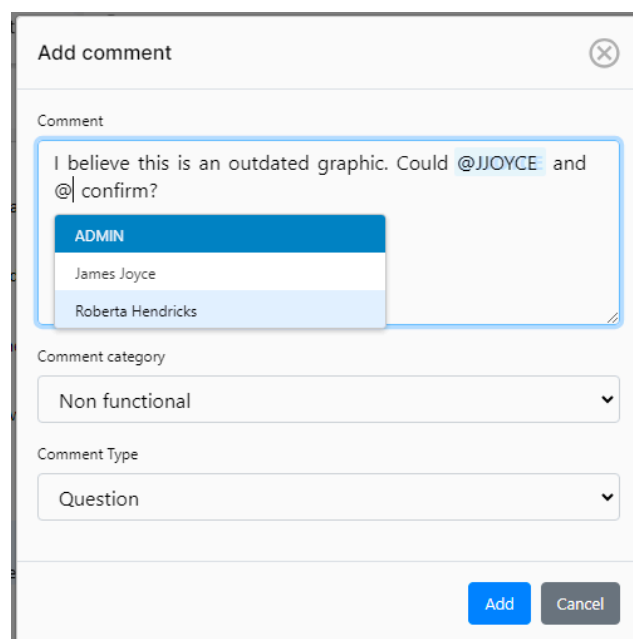


Screenshot from Desktop Version

5.1.2 User References in Comments

While performing a review, it is inevitable to have to engage with other users of the project. It is now possible to do so by simply mentioning them in a comment referencing their username, which will send them an email (if email notification is configured), letting them know that they have been referenced in a conversation.

Just by typing an @, Visure Authoring will provide a list of the project users to select from:

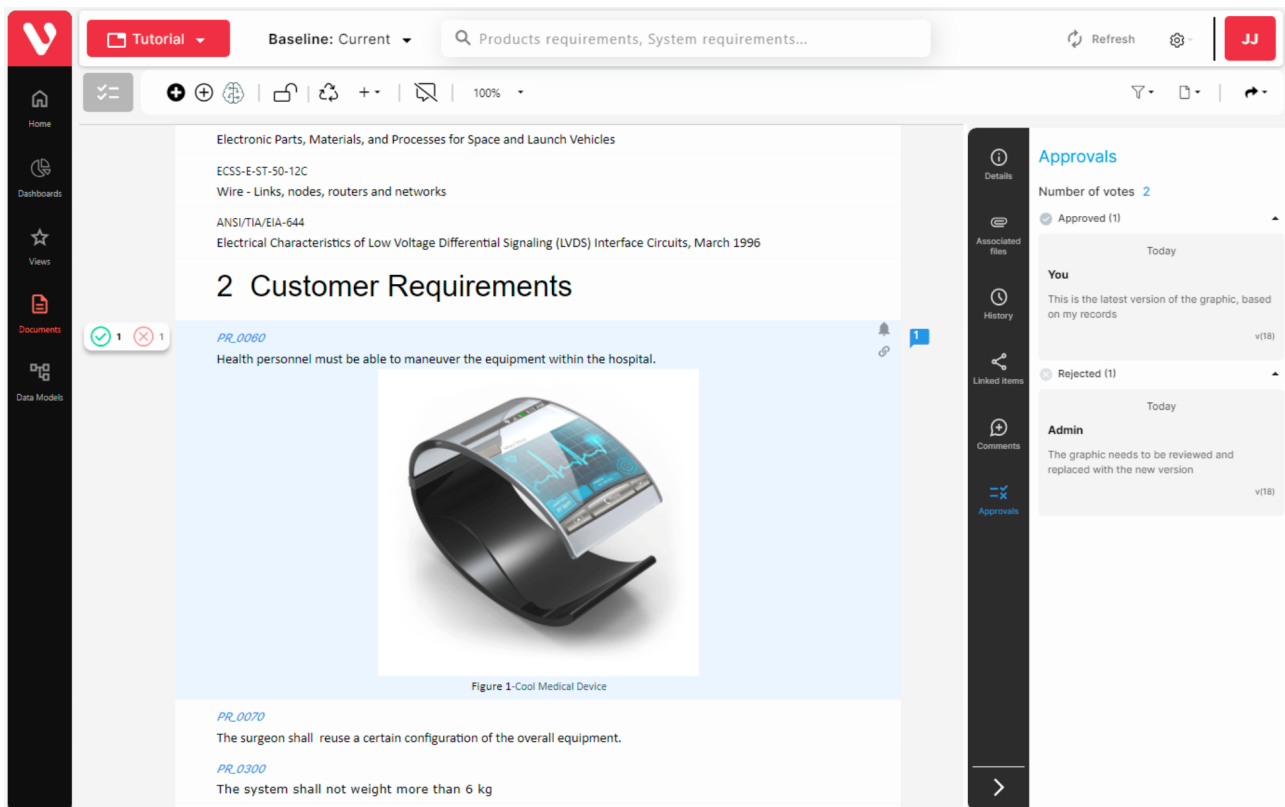


Visure 8.3 Release Notes

5.1.3 Approvals/Rejections

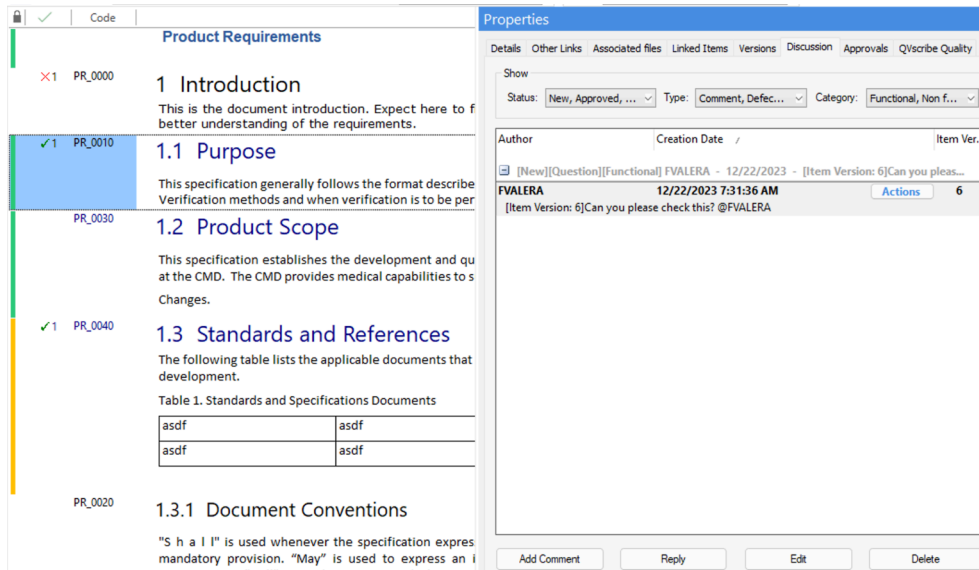
Review processes typically rely on approvals provided by peers and/or customers. Visure 8 includes a new approval capability that leverages this part of the process to streamline the review process. Users can now Approve or Reject items without the need to have write access rights over them, which facilitates access to external users of the company. Each item will accumulate approvals and rejections from the team and will summarize them for the author of the item to make the appropriate corrections.

Visure Authoring can be leveraged to engage external users of the organization, as well as other less technical users:



All approvals and rejections made in the web client will also be available on the desktop and vice versa, so a user will be able to enter a rejection via Visure Authoring, while other responds through the desktop client.

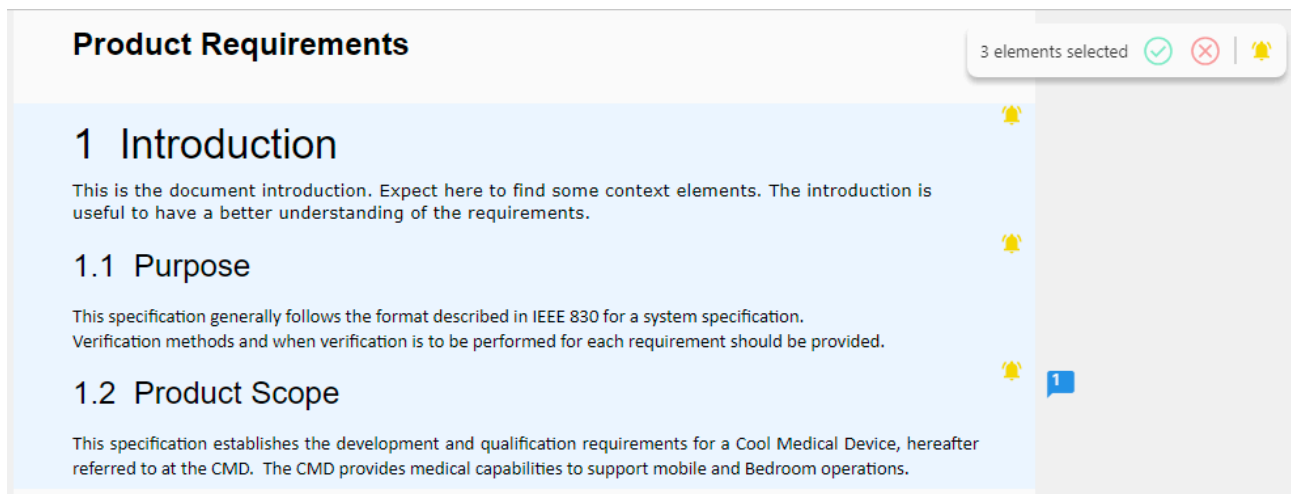
Visure 8.3 Release Notes



5.1.4 Subscriptions and Email Notifications

To keep up with the review process, users will be notified via email notification if they are assigned to items, if a new comment or reply is entered in one of their items, if they are referenced in the comments, or if their items are approved or rejected. Users can also subscribe to individual items to receive email notifications whenever the items are modified or updated.

This option is available both through the desktop and the web client:



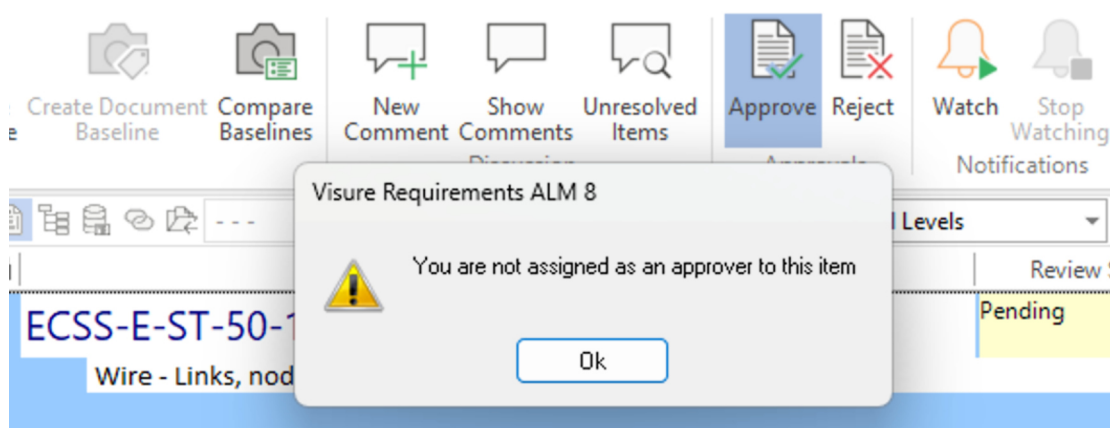
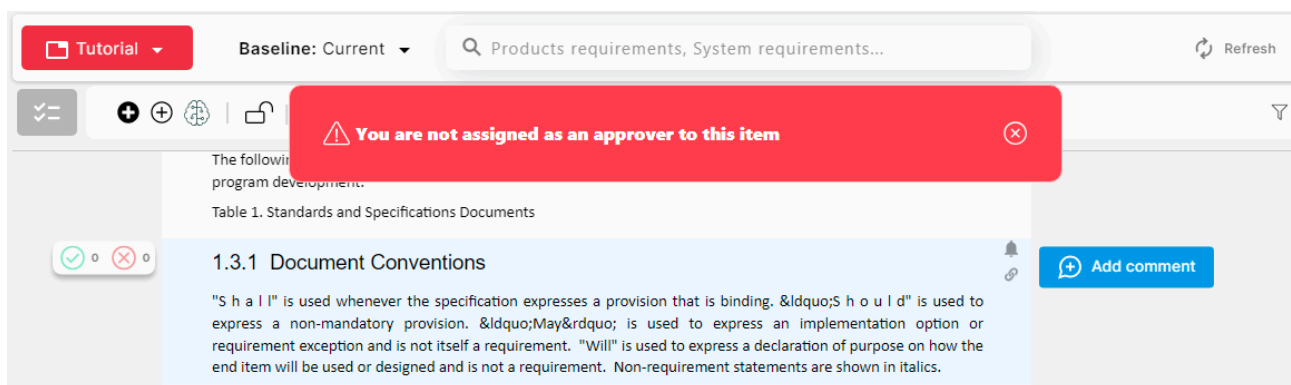
Visure 8.3 Release Notes

5.1.5 Review Python Script

A new `VisureReviewProcess.py` Python script is installed by default in the Visure Server that enables the use of Review Due Date, Approvers and Reviewers attributes. If these attributes exist, users can use them to define a Review Due Date, and a list of Approvers and Reviewers per document. If a date is selected in the Review Due Date, the script will prevent users from approving/rejecting items or entering new comments after the due date. If users are included in the Approvers attribute, then only these users will be able to approve or reject items in that document. Approvers will also be able to enter comments on the items in that document. Finally, if users are included in the Reviewers attribute, these users will be able to enter comments on the items in that document, along with the approvers.

The scope of these attributes (approvers and reviewers) can be modified to apply to individual items, as opposed to the entire document. This script can also be modified to accommodate specific project needs.

Python scripts are server-based, which means that they will apply both to the desktop and the web interfaces.



Visure 8.3 Release Notes

5.2 Filters

Filters have been improved to better support users’ daily activities:

5.2.1 Heading Filter

The Heading filter allows users to filter a document to display only a particular chapter. This can be especially useful when reviewing documents or assigning the items in a chapter to specific users for review, for instance.

This filter is available both in the desktop and web interface:

Create new filter

Filter name:

☐ Make public

Chapter 2.- Customer Requirements

Criterion	Condition	Value	
Parent Item	Is	<div>PR_0050 Customer Requirements</div>	
<div>+ Add another additional criterion (and)</div>			
<div>+ Add another criteria set (or)</div>			

Save

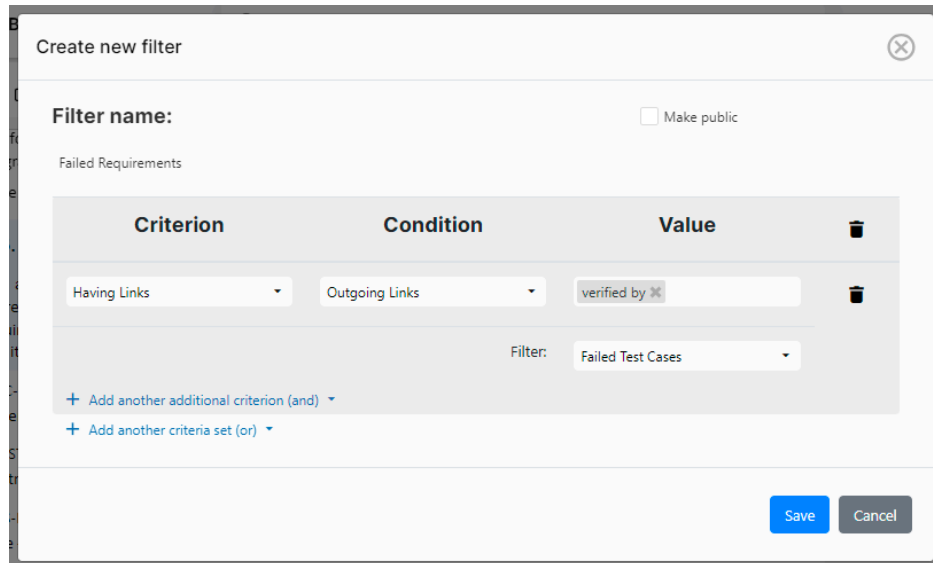
Cancel

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5.2.2 Multilevel Filters

The multilevel filters allow users to apply an additional filter in the Having Links filter to see only the items that are related to other items that fulfill a condition. For instance, this type of filter allows users to display requirements that are traced to only software requirements, opposed to any other lower-level requirement e.g. mechanical requirements. It also allows displaying requirements that are related to tests that are “failed”. This failed tests filter would be a filter that would be applied to the related test cases.

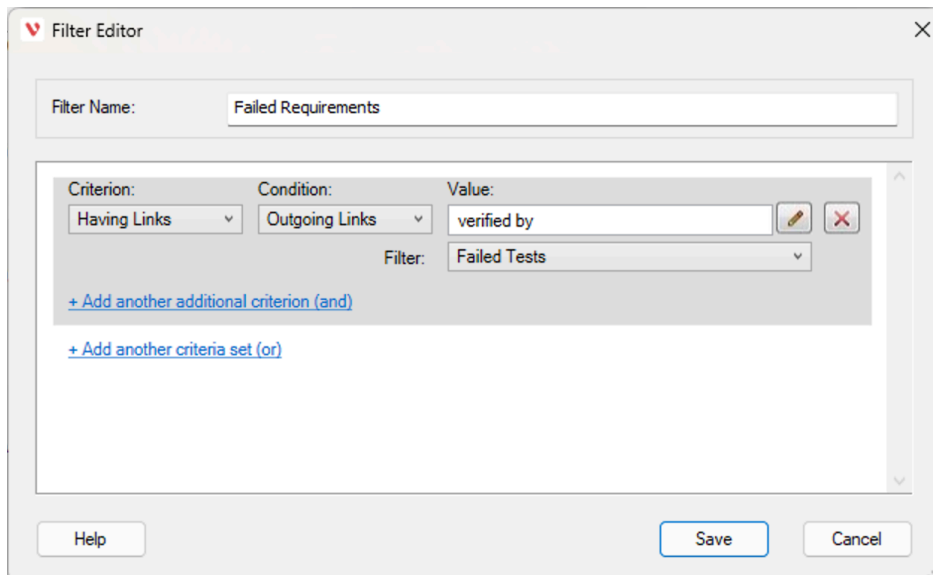
This filter is also available both in the desktop and web interface:



The screenshot shows a 'Create new filter' dialog box. At the top, there's a 'Filter name:' field with the text 'Failed Requirements' and a 'Make public' checkbox. Below this is a table with three columns: 'Criterion', 'Condition', and 'Value'. The first row has 'Having Links' in the Criterion column, 'Outgoing Links' in the Condition column, and 'verified by' in the Value column. To the right of the Value column, there's a 'Filter:' dropdown menu set to 'Failed Test Cases'. At the bottom, there are two buttons: 'Save' and 'Cancel'.

Criterion	Condition	Value
Having Links	Outgoing Links	verified by

Filter: Failed Test Cases



The screenshot shows a 'Filter Editor' dialog box. At the top, there's a 'Filter Name:' field with the text 'Failed Requirements'. Below this is a table with three columns: 'Criterion:', 'Condition:', and 'Value:'. The first row has 'Having Links' in the Criterion column, 'Outgoing Links' in the Condition column, and 'verified by' in the Value column. To the right of the Value column, there's a 'Filter:' dropdown menu set to 'Failed Tests'. At the bottom, there are three buttons: 'Help', 'Save', and 'Cancel'.

Criterion:	Condition:	Value:
Having Links	Outgoing Links	verified by

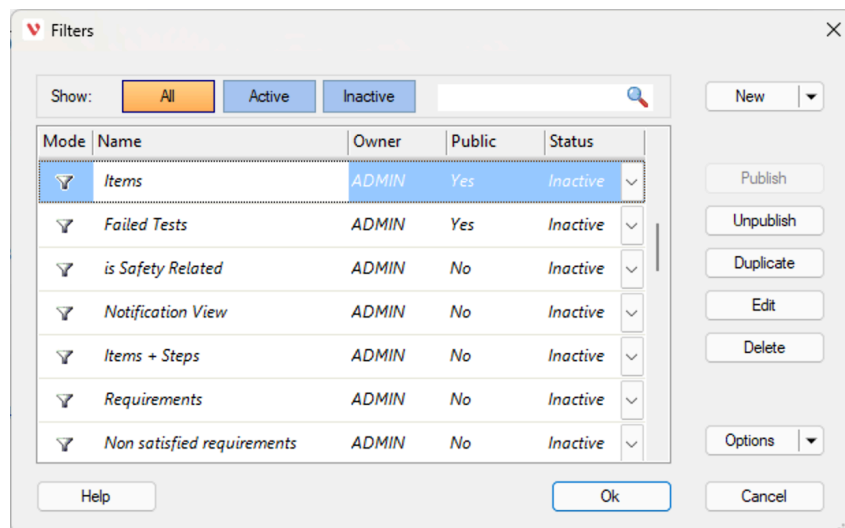
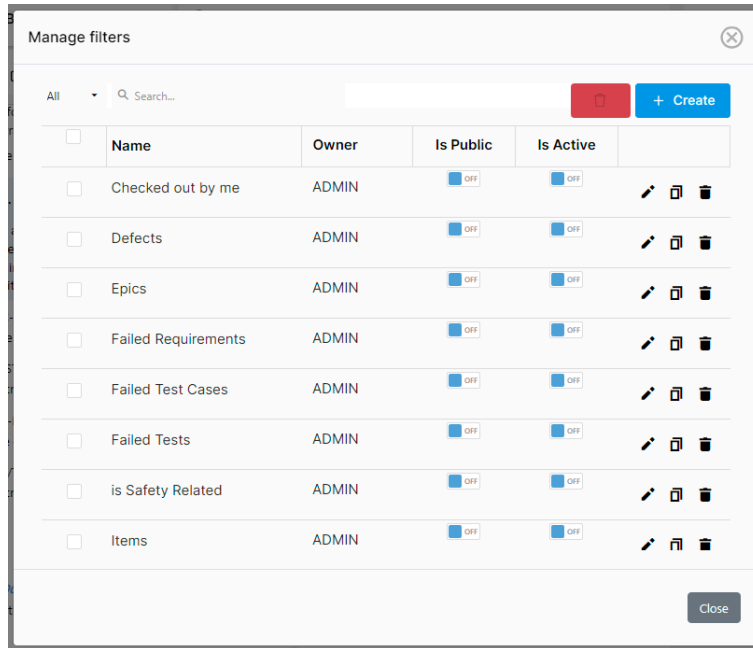
Filter: Failed Tests

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5.2.3 Sharing Filters

Most users in the same group in a project have similar needs, and therefore, typically require the use of the same or very similar filters and views. Visure 8 allows users to publish and unpublish filters to the rest of the users in the project, so that other users can have them readily available when they log in to the project for the first time.

Users will be able to share filter from both the desktop and the web interface:

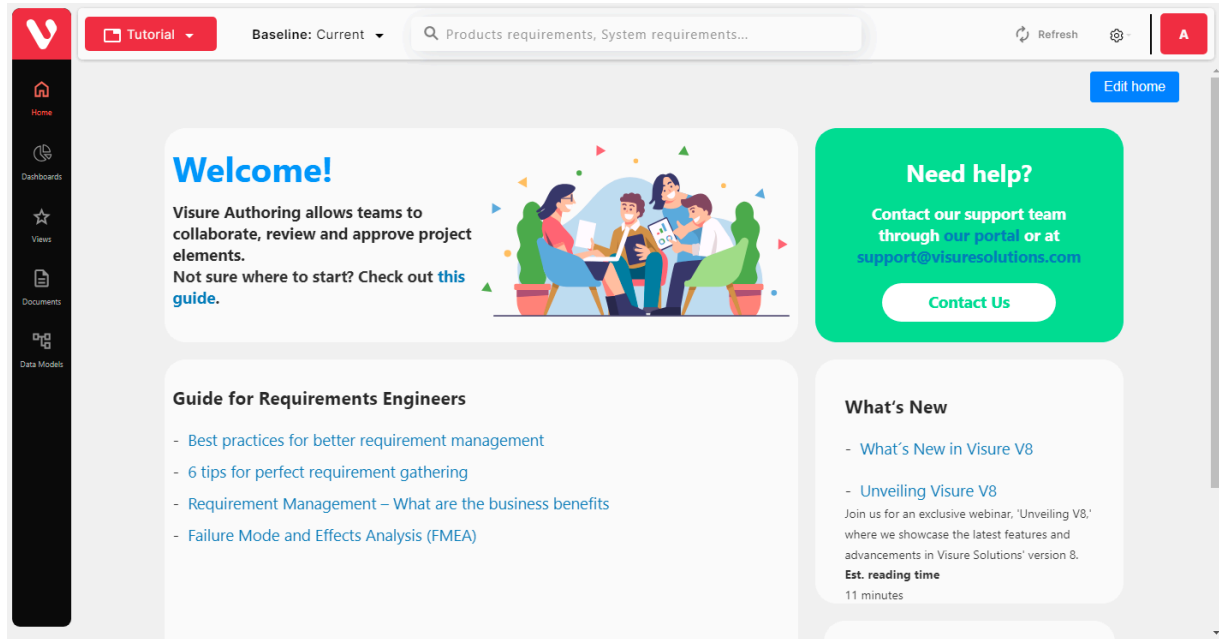


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5.3 Visure Authoring 8

5.3.1 Gaudi User Interface

Inspired by the organic and rounded shapes that characterize the architecture of this iconic architect, Visure Authoring 8 aspires to provide a natural and intuitive interface to users that will improve their daily user experience.



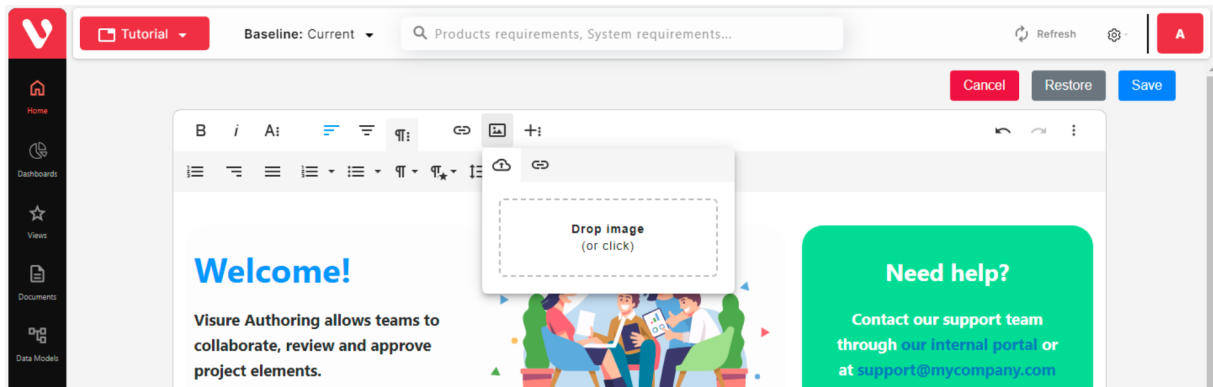
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5.3.2 Home page

Projects nowadays involve more users and are more dynamic and agile than ever before and sharing information and communicating effectively become essential for project success.

The home page in Visure Authoring becomes a cornerstone to sharing important project and process information with the team such as links to internal resources, videos, documentation, as well as deadlines and company points of contact.

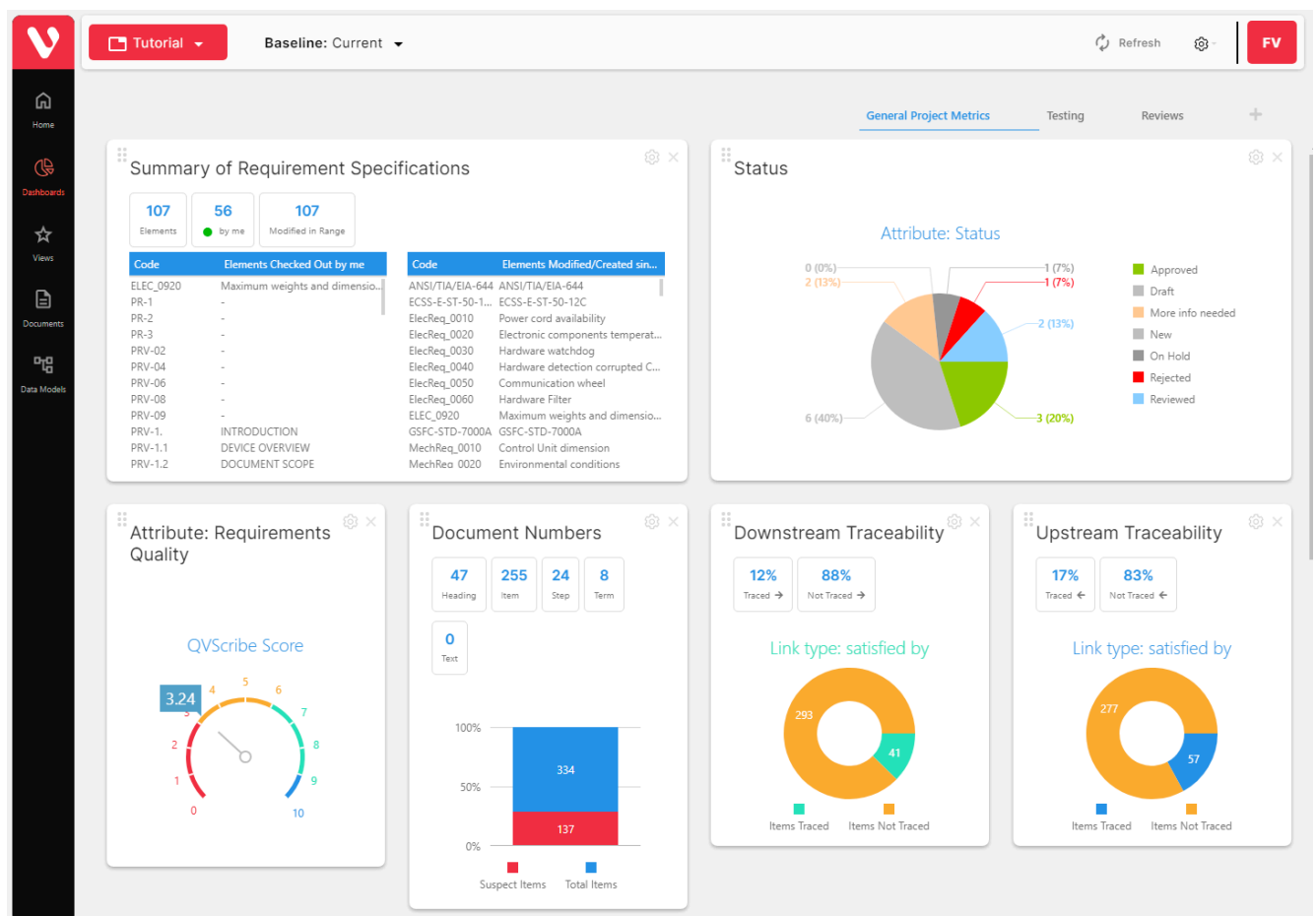
The home page provides project administrators with a simple HTML editor to create this landing page for the users of the project.



5.3.3 Dashboards

Dashboards are another essential part of project success by providing project stakeholders with critical information to make essential decisions in the project.

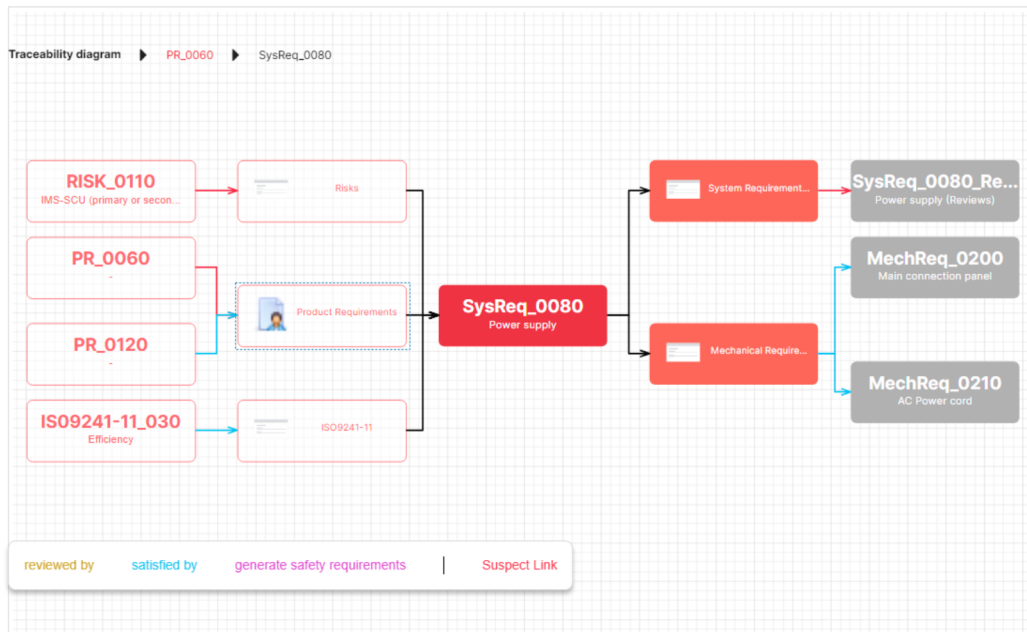
Visure Authoring 8 now incorporates powerful, yet easy-to-configure dashboards that summarize important project information and convey it to the users in a quick and understandable way. Dashboards in Visure can be created by project managers and tailored to the needs of each project and user group. End users will be able to navigate from these dashboards straight to the items simplifying the identification of pitfalls, bottlenecks, or non-compliances.



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5.3.4 Traceability diagram

One of the most tedious tasks in Requirements Management is establishing and maintaining traceability in the project. However, this task pays off significantly when there are changes in the requirements and we need to analyze the impact of those changes. The traceability diagram is an especially useful way of representing project traceability, as it allows users to navigate through the traces of the items by clicking on the items and expanding on their links:



5.3.5 Traceability Tree View

Traceability trees are a very versatile way of displaying large quantities of items and associated information. They represent traces in a hierarchical format, either from higher to lower levels, or the other way around. Traceability trees can also display attribute information from items at each level, providing relevant information that may be useful for the analysis of the traces.

Visure Authoring now allows users to display documents in a Traceability Tree by selecting this type of view from the menu.

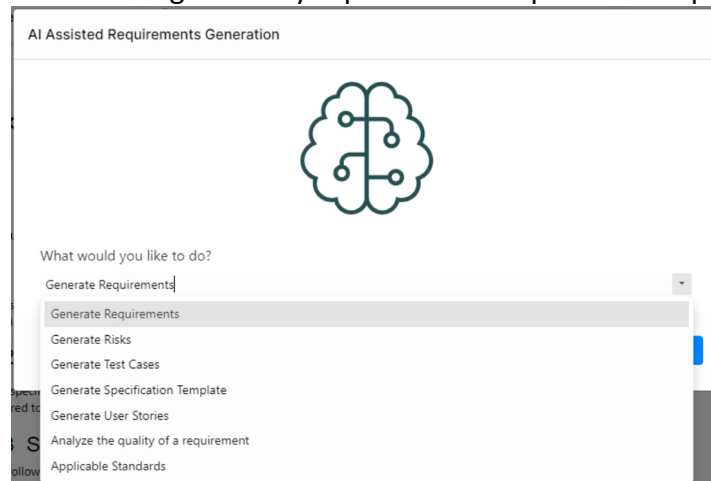
The screenshot shows the Visure interface with a Traceability Tree View. The tree structure is as follows:

- PR_0040: The following table lists the applicable documents that contain the standards and specifications pertaining to the program development. Table 1. Standards and Specifications Documents
 - PR_0020: "S h a l l" is used whenever the specification expresses a provision that is binding. "S h o u l d" is used to express a non-mandatory provision. "May" is used to express an implementation option or requirement exception and is not itself a requirement. "Will" is used to express a declaration of purpose on how the end item will be used or designed and is not a requirement. Non-requirement statements are shown in italics.
 - GSFC-STD-7000A: General Environmental Verification Standard (GEVS) for GSFC Flight Programs and Projects.
 - MIL-STD-1547B: Electronic Parts, Materials, and Processes for Space and Launch Vehicles
 - ECSS-E-ST-50-12C: Wire - Links, nodes, routers and networks
 - ANSI/TIA/EIA-644: Electrical Characteristics of Low Voltage Differential Signaling (LVDS) Interface Circuits, March 1996
- PR_0050: New
- PR_0060: Health personnel must be able to maneuver the equipment within the hospital. Figure 1-Cool Medical Device
 - SysReq_0060: The system shall be able to save and later modify "preference settings" by Surgeon. These settings might include camera, scope, audio, video, and ergonomic preferences.
 - SysReq_0080: One power cord (or hard-wired connection for integrated components) at each subsystem shall provide power to all supplied components of that subsystem
 - SysReq_0080_Review: One power cord (or hard-wired connection for integrated components) at each subsystem shall provide power to all supplied components of that subsystem
 - MechReq_0200: The following shall be available on the main connection panel for access by end users.
 - MechReq_0210: One AC power cord shall be 5 meter long minimum.
 - SysReq_0110: The system shall be implemented following the security features XYZ.

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5.3.6 Integrated Artificial Intelligence for automatic requirements generation

Generating *high quality* requirements automatically seemed like science fiction not that long ago. Visure Authoring now makes this a reality by leveraging Generative AI. This module can be enabled or disabled by administrators and allows users to generate project assets such as requirements, complete requirement specifications, risks or tests automatically, based on a given idea or request. This module can be used to generate requirements from scratch, fine-tune existing requirements, or cross-check that we haven't forgotten any aspect of our requirements specification.

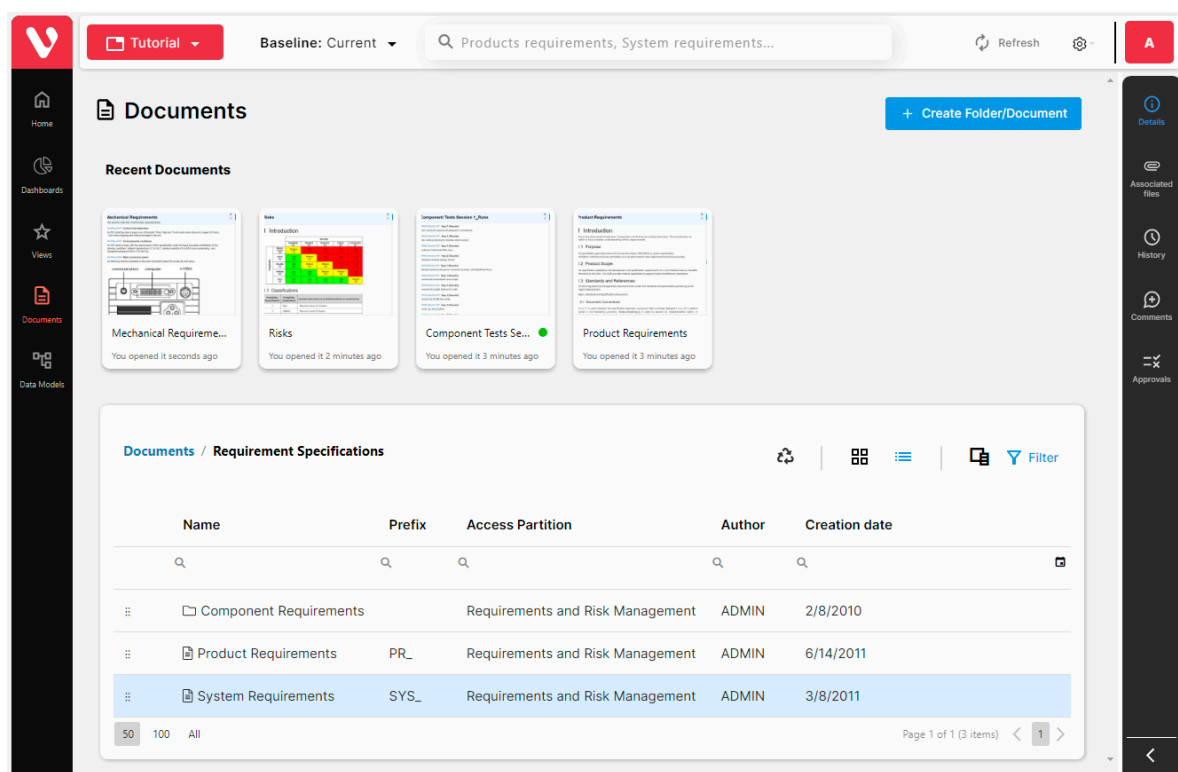


5.3.7 Improved Documents view

The new documents view provides a more natural and intuitive environment for users to create and manage their documents in a folder structure that will simplify their everyday life.

The recent documents section provides a thumbnail of the documents the user has been working on recently, simplifying the access to these documents.

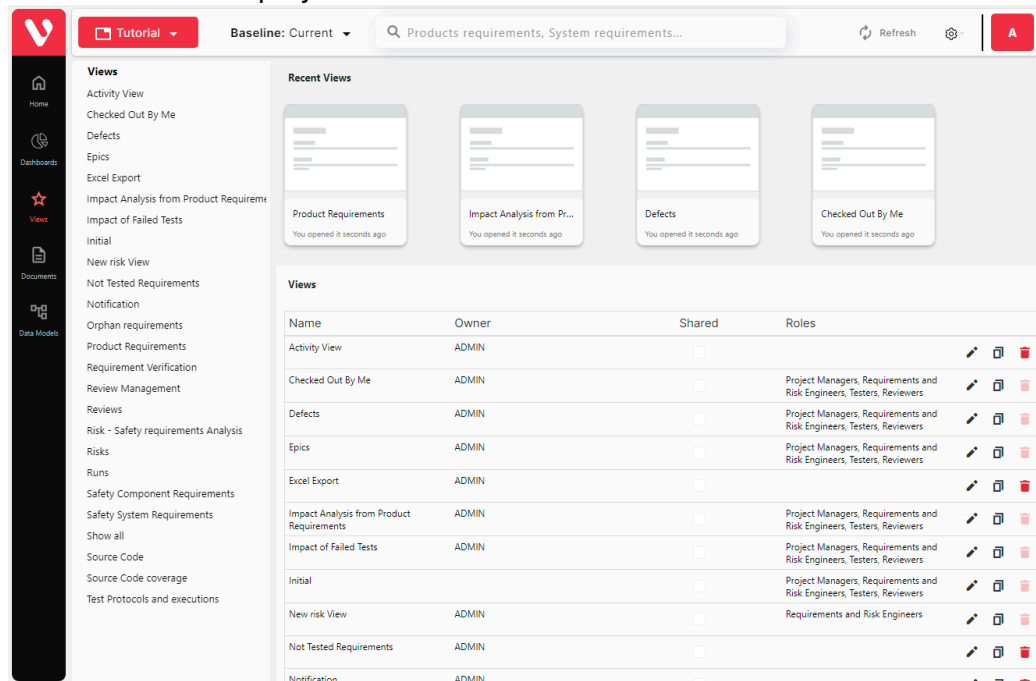
The list view of documents allows users to display columns with information on the document and classify and filter them based on these.



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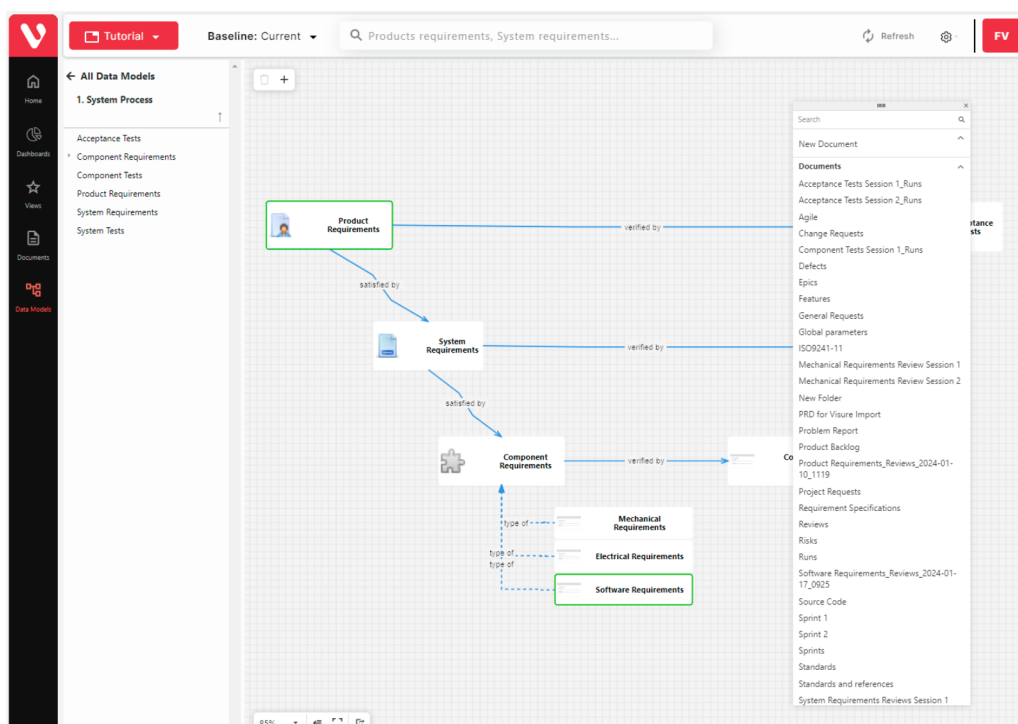
5.3.8 Views Management

Views are a fundamental part of the use of Visure, allowing users to customize the way they work with each document in the project. Creating and sharing views between users is essential to an effective collaboration. Visure Authoring provides a full environment for users to create, share and manage their views within a project.



5.3.9 Managing Data Models

Data Models are the backbone of the process defined in Visure. They not only define the allowed links between the documents, but they create a common understanding among the project members, of the decomposition of the system and the break-down structure. Visure Authoring now allows project managers to create, edit and manage these data models in a simple way.



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5.3.10 Managing Attributes

Custom attributes allow project managers to customize the processes to the specific needs of the organization and the project. Visure supports the definition of different types of user attributes and assigns them to the different documents in the project. The definition of these attributes can now be done entirely from Visure Authoring, in a simplified way, through a three-step wizard.

Create new attribute

1 Type of attribute — 2 Configuration — 3 Scope

Select a type of attribute

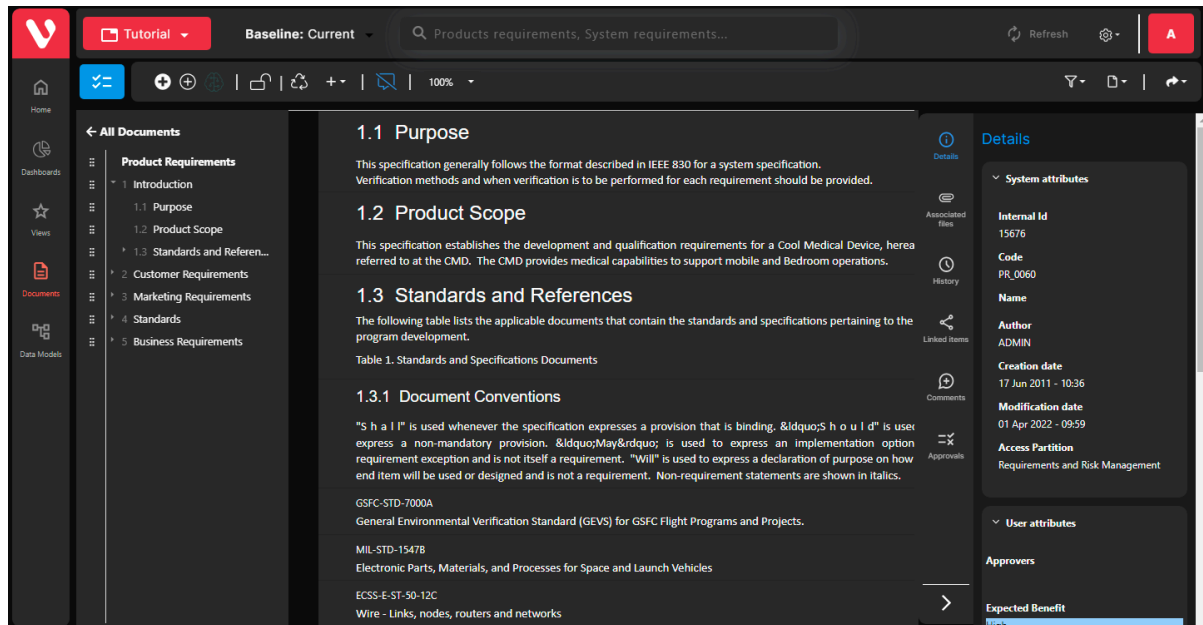
- Boolean**
Checkbox with checked/unchecked values.
- Date**
Date picker field. Ranges can be defined for the date.
- Enumerated**
Custom list of values. Field can be either multivalued (checkboxes) or single-valued (combo box).
- Float**
Field supporting positive or negative numbers including decimals. Ranges can be defined for these numbers.
- Integer**
Field supporting positive or negative numbers that do not include decimals. Ranges can be defined for these numbers.
- Text**
Field supporting plain text.
- User**
List of users of the project. Field can be either multivalued (checkboxes) or single-valued (combo box).

Cancel

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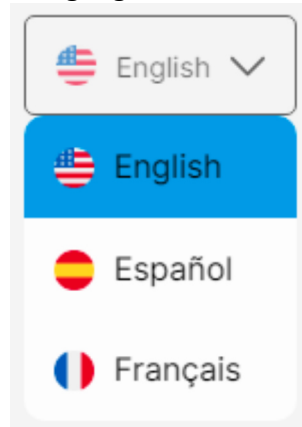
5.3.11 Dark Mode

Dark mode in applications have gained in popularity, due to the relaxing nature of its colors, especially when working inside offices without sufficient natural sunlight or at night. Visure Authoring users can now toggle between light and dark mode within Visure Authoring.



5.3.12 UI Languages

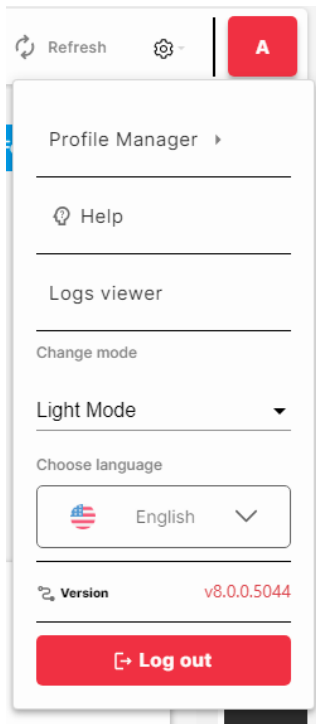
Visure Authoring now provides new UI languages that the users will be able to select from:



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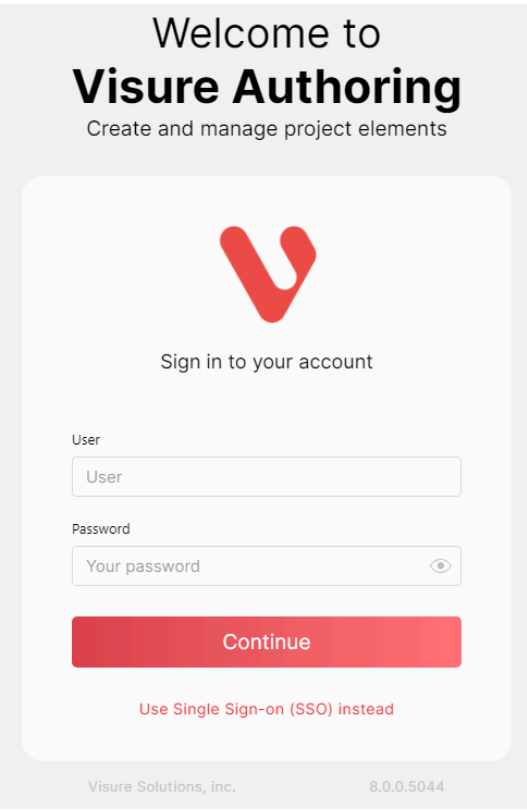
5.3.13 User Menu

The new user menu provides users with multiple configuration settings, and profile management.



5.3.14 Login

The user login has been improved not only with SSO capabilities that will allow the user to login in seamlessly, but Visure saves information on the latest project and group used to load the same environment in subsequent logins.



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5.4 Visure Server

5.4.1 Performance and Stability

As part of our ongoing effort to support increasingly bigger databases and teams, the Visure database and server has been optimized to support even bigger repositories and a higher number of concurrent users.

5.4.2 Single Sign-On Configuration

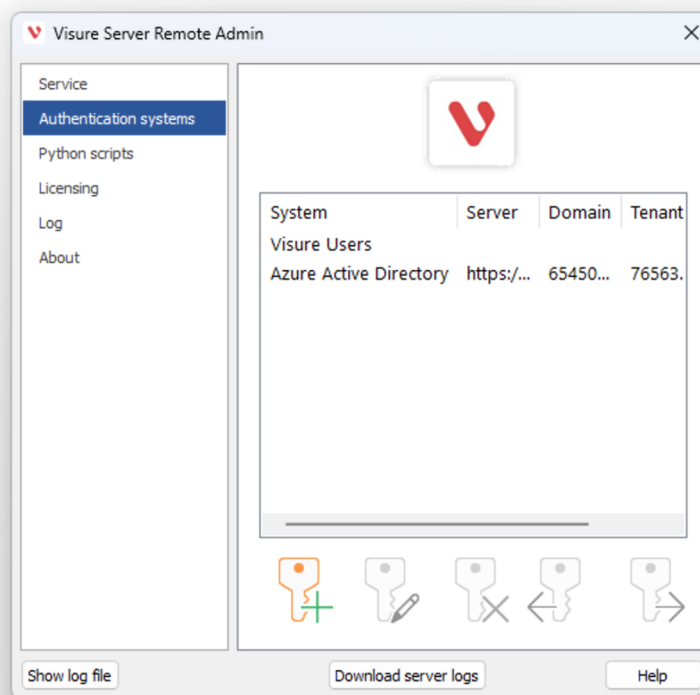
As organizations grow, it becomes increasingly necessary to manage users in a centralized way. Azure Entra ID (former Azure Active Directory), and other OpenID Connect applications such as Okta or MyID provide a solution for user authentication across the board.

Visure can now integrate with these solutions for user authentication. Visure administrators can configure the integration via the Visure Server to provide a seamless user experience.

The user provisioning has also been improved to allow users defined in the user authentication application Sign Up to Visure. During the first login attempt, if the Visure administrator has enabled this option, sign up user will be created in Visure automatically retrieving all the information from the user authentication app, and will send an email to the Visure administrators, letting them know that a new user has been created in the application and is waiting to be assigned to a project.

5.4.3 Visure Server Remote Admin

The new Visure Server Remote Admin application allows administrators to manage some of the server features remotely and conveniently. This feature needs to be activated in the actual Visure Server, and allows the Administrators remotely restart the Visure server, configure Authentication Systems such as Azure Entra ID (former Azure Active Directory), upload python scripts, change license server configuration and download server log files.



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5.4.4 Python Scripts

The support for Python scripts has been extended to incorporate more capabilities such as access to hierarchical and association links, for instance, to update an item based on its children or related items.

The Visure Server and client now include a complete Python Programmer's Reference Guide.

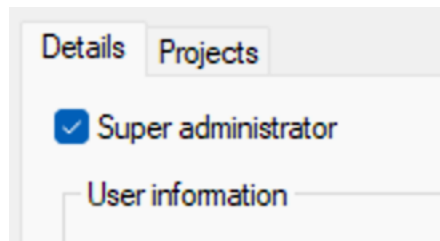
The Visure Server also automatically installs a sample python script that enables the use of Review Due Date, Approvers and Reviewers attribute for the use in the review process. This script can be used as an example for the development of new scripts.

5.5 Administration Center

5.5.1 Super Administrator users

Visure 8 now supports shared repository administration by allowing multiple users to have Super Administrator access rights over the database, easing the burden of project and user creation from the ADMIN user.

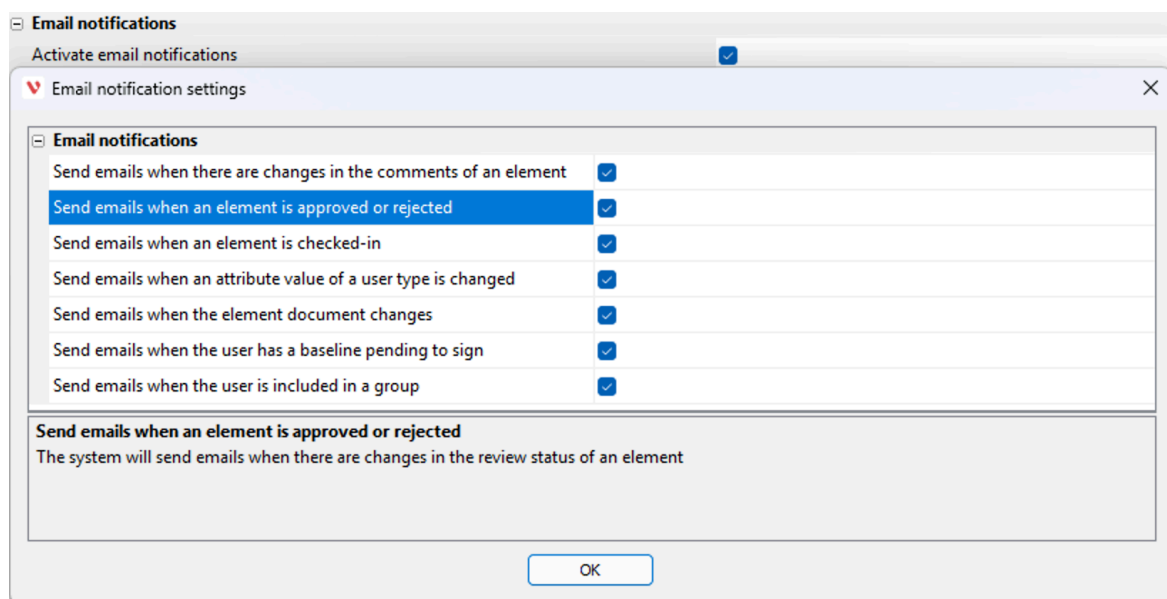
This feature can be enabled for individual users directly from the Administration Center.



5.5.2 Email notifications

The new email notification feature in Visure 8 allows team member stay updated by receiving email notifications whenever there are new users in the repository, they are assigned to projects, there changes to items they own, or they subscribe to or if they are assigned to items, among other notifications.

These email notifications can be configured per project in the Administration Center



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5.5.3 Comments Category and Type

The review management process in Visure can be customized by customizing the values of the Comments Type and Category attributes

Comments	
Types	Comment
	Question
	Suggestion
Categories	Defect
	Functional
	Non functional