

2024x Version News



Teamwork Cloud



Released on: November 10, 2023

Version 2024x of Teamwork Cloud introduces updates that enhance your user experience. You can now conveniently visualize branch activity, use a new role to manage user group memberships, and select the exact branches to listen for when creating webhooks. You can also filter out users with locked elements in the Users application, track data markings' changes in the Audit report, and use DSLS licensing framework in addition to FlexNet.

Cameo Collaborator for Teamwork Cloud 2024x brings a range of exciting enhancements as well. This version empowers you to customize PDF /HTML templates, cross-reference tables and figures within documents, use a new Wiki document viewing mode for a smoother navigation and editing experience, share specific diagram versions, export tables to Excel, and offers additional smaller improvements.



2024x Hot Fix 2 available

2024x Hot Fix 2 is now available for CATIA Magic and No Magic portfolios. It includes a number of improvements and bug fixes, and vulnerability fixes in our modeling tools, plugins, and server products . [Learn more >>](#)

Teamwork Cloud and Teamwork Cloud Admin

- [Visual Branch Representation](#)
- [New User Group Membership Manager Role](#)
- [Selecting Branch for Webhooks](#)
- [Other fixes/improvements](#)
- [Deployment Changes](#)

Cameo Collaborator for Teamwork Cloud

- [Customizable Templates for Document Export to PDF/HTML](#)
- [Adding Cross References in Cameo Collaborator Documents](#)
- [A New Document Viewing Mode](#)
- [Enhanced Diagram Sharing Capabilities](#)
- [Exporting Tables to Excel](#)
- [Other Improvements](#)

Teamwork Cloud and Teamwork Cloud Admin

Visual Branch Representation

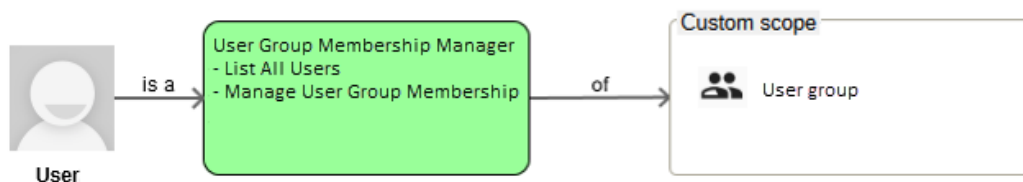
We implemented a visual representation of branch activity, which enhances your experience by helping you to better understand and track merges, branches, and associated commit information.

TMT model history						
Graph	Branch	Version	Author	Commit date	Commit message	Tags
	Feature #4	#21	Administrator	Sep 21, 2023, 11:57:21 AM	Added initial control system design	
	Feature #2	#20	Administrator	Sep 21, 2023, 11:56:37 AM	Incorporated telescope mount components	
	2022xRef...	#19	Administrator	Sep 21, 2023, 11:56:10 AM	Implemented telescope tube structure and prepari...	
	2022xRef...	#18	Administrator	Sep 21, 2023, 11:54:59 AM	Branch "2022xRefresh1" created	
	Feature #4	#17	Administrator	Sep 21, 2023, 11:53:46 AM	Added the tertiary mirror subsystem	
	trunk	#16	Administrator	Sep 21, 2023, 11:53:19 AM	Merging stakeholder needs	Feature merge
	trunk	#15	Administrator	Sep 21, 2023, 11:52:14 AM	Integrated secondary mirror components	
	Feature #2	#14	Administrator	Sep 21, 2023, 11:50:59 AM	Implemented primary mirror support	
	trunk	#13	Administrator	Sep 21, 2023, 11:50:16 AM	Created the main structure for the TMT model	
	Feature #4	#12	Administrator	Sep 21, 2023, 11:47:27 AM	Added new Precision Mirrors to the model	
	Feature #3	#11	Administrator	Sep 21, 2023, 11:45:45 AM	Added new stakeholder needs	Verification
	trunk	#10	Administrator	Sep 21, 2023, 11:43:56 AM	New version release 2022x	
	Feature #4	#9	Administrator	Sep 21, 2023, 11:42:35 AM	Branch "Feature #4" created	
	Feature #3	#8	Administrator	Sep 21, 2023, 11:42:24 AM	Branch "Feature #3" created	
	Feature #2	#7	Administrator	Sep 21, 2023, 11:42:07 AM	Branch "Feature #2" created	
	trunk	#6	Administrator	Sep 21, 2023, 11:35:19 AM	Changes merged	Merged to trunk
	feature 1	#5	Administrator	Sep 21, 2023, 11:29:54 AM	Feature developed, waiting for review	
	feature 1	#4	Administrator	Sep 21, 2023, 11:29:24 AM	Requesting new model feature	New feature request
	trunk	#3	Administrator	Sep 21, 2023, 11:27:29 AM	Feature #1 for model review	Pull request
	feature 1	#2	Administrator	Sep 21, 2023, 11:24:50 AM	Branch "feature 1" created	
	trunk	#1	Administrator	Sep 21, 2023, 11:22:14 AM		

Visual representation of branch activity.

New User Group Membership Manager Role

To streamline user group management, we introduce the new User Group Membership Manager role. This role allows you to efficiently add or remove users within specific user groups, thus, you no longer need your administrator's assistance for routine user group management tasks.



User Group Membership Manager role permissions and scope.

Selecting Branch for Webhooks

When creating a webhook, you can select the specific branch or branches in which the webhook will listen for events. This enhanced control capability is available for resource-scoped webhooks of the commit or tagged commit event type.

Webhook

Resource scope

3 Choose branches to listen

Choose branches to listen

Branch search

Select all

AAA

BranchA

trunk

BBB

BranchB

trunk

CANCEL

SAVE

Choosing branches in which the webhook will listen for events.

Other fixes/improvements

- A new filter is available in the **Users** application, allowing you to view users with locked elements.
- The **Audit** report now additionally tracks and displays changes in data markings.
- In addition to the Flexnet licensing framework, Teamwork Cloud now supports the **DSLS licensing framework**.

Deployment Changes

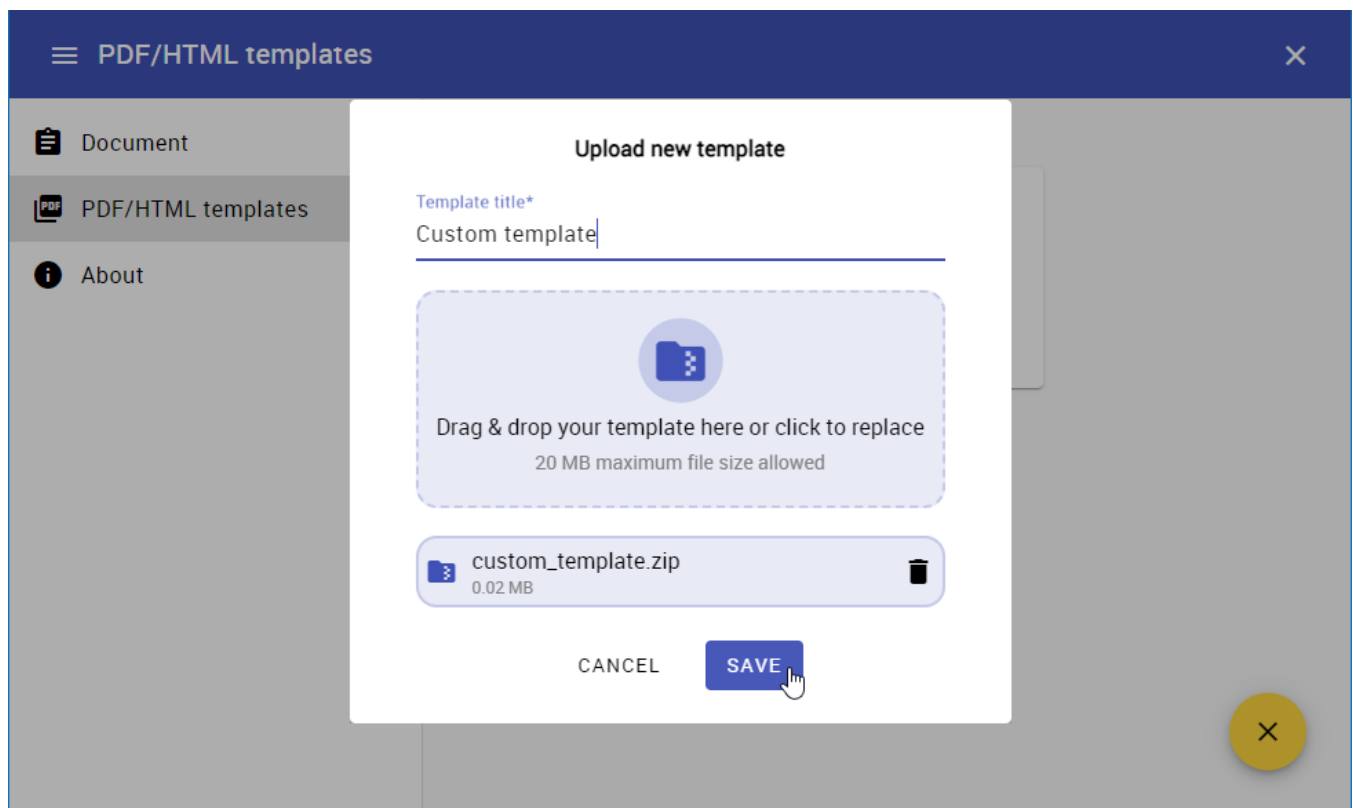
- **Web Application Platform:** Apache Tomcat version requirements have changed. Now the minimum supported version is 10.1.
- **Web Application Platform:** the servlet specification has been changed to Jakarta 10.
- Teamwork Cloud no longer supports CentOS 7 due to its approaching EOL. Instead, it now supports Oracle Linux 8.

[Back to top](#)

Cameo Collaborator for Teamwork Cloud

Customizable Templates for Document Export to PDF/HTML

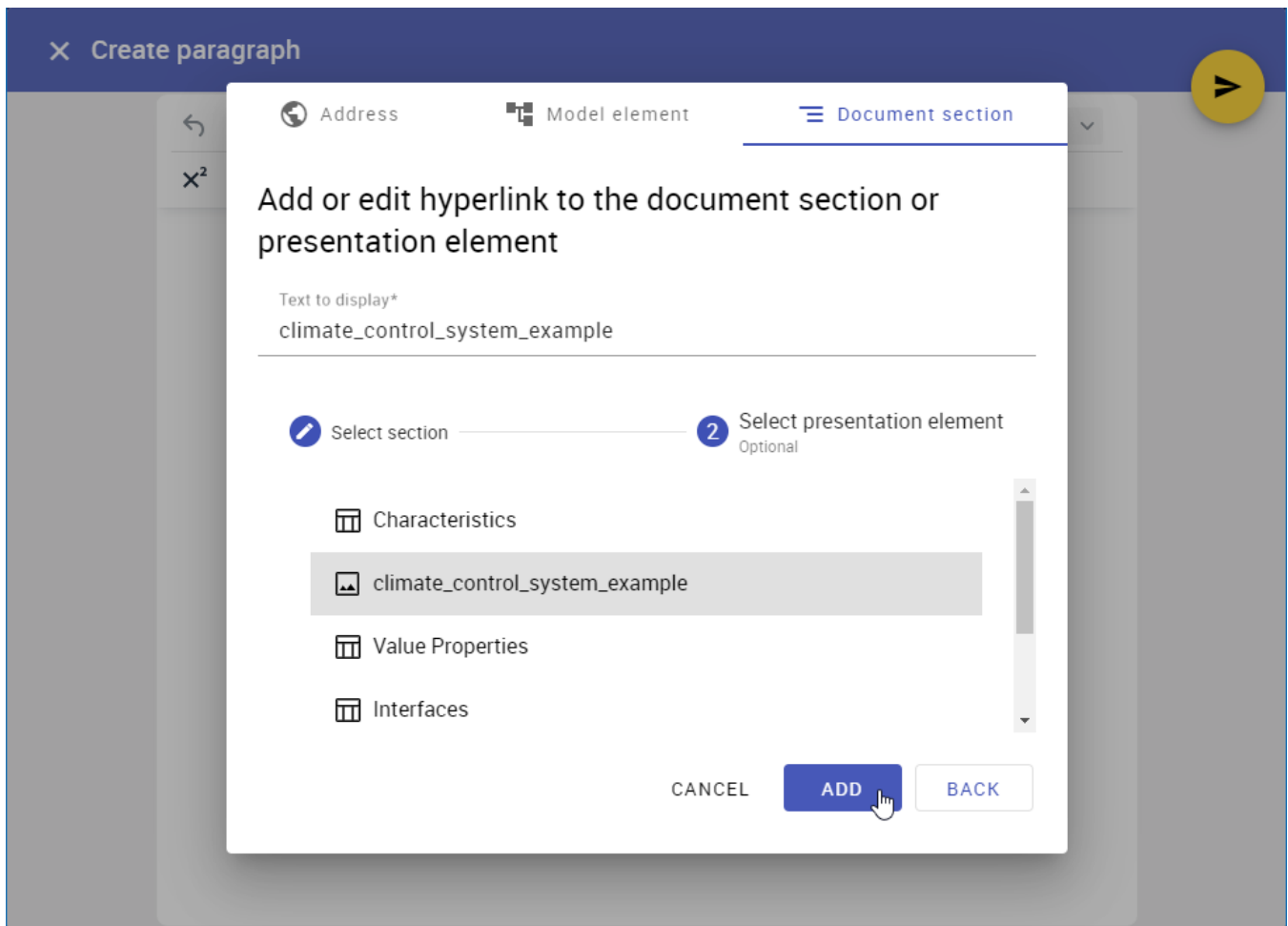
With Cameo Collaborator for Teamwork Cloud 2024x, customizing the appearance of the PDF or HTML files generated from Cameo Collaborator documents has never been easier. Now, you can download the default PDF/HTML template directly from a Cameo Collaborator document. After downloading, you can make any desired changes and then upload the modified template back to the document. Moreover, a single document has the capability to hold multiple PDF/HTML templates. Therefore, this exciting feature empowers you to generate different outputs from the same document, allowing you to satisfy the unique requirements of different recipients. You will be able to alter the generated document's cover page, header, footer, and font, and even add a custom logo to the document.



Uploading a custom PDF/HTML template to a Cameo Collaborator document.

Adding Cross References in Cameo Collaborator Documents

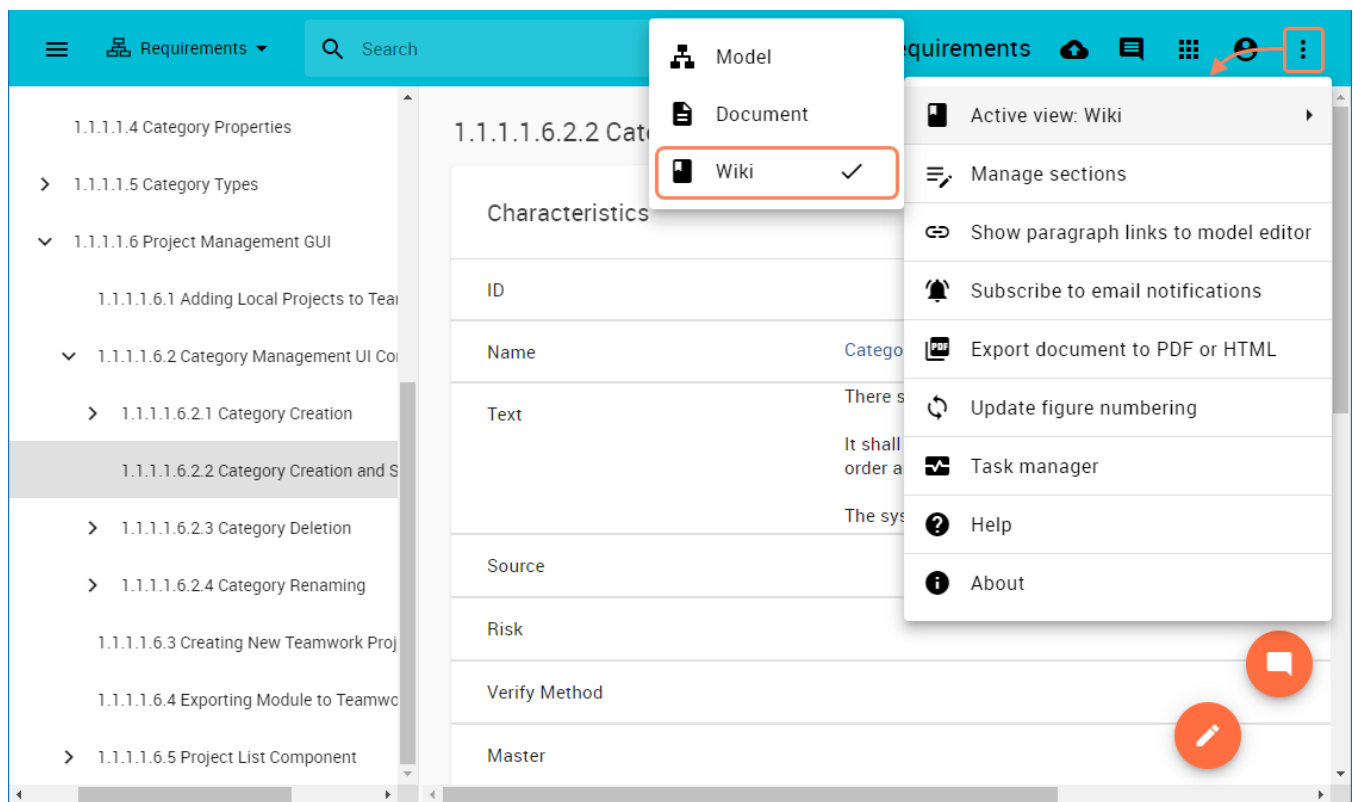
One crucial aspect of document creation involves cross-referencing different parts of the document. The new version of Cameo Collaborator for Teamwork Cloud offers a convenient and easy way to incorporate references to any part of a Cameo Collaborator document, including figures and tables located within specific sections. We are confident that this functionality will assist you in producing documents that are both easy to read and navigate.



Adding a hyperlink to a presentation element in a document section.

A New Document Viewing Mode

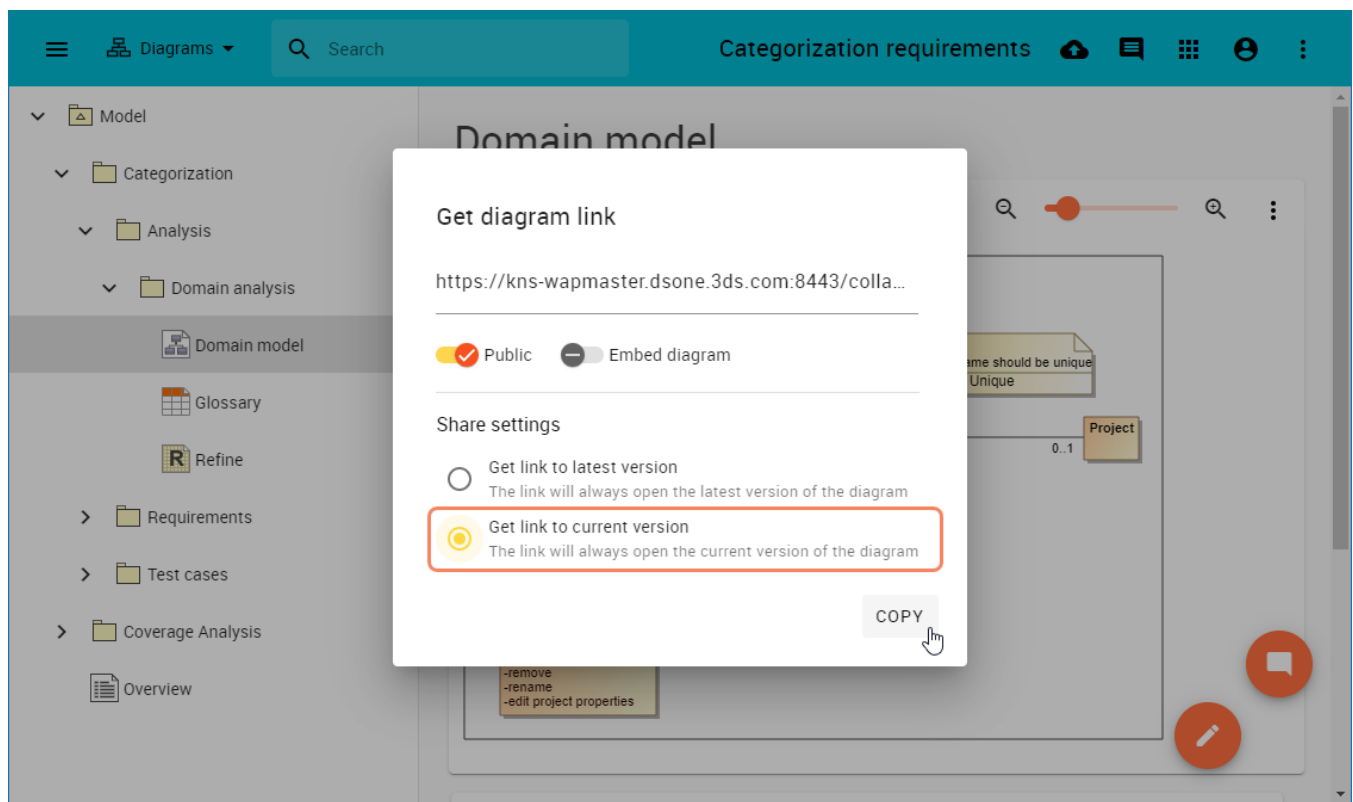
This release introduces a new document viewing mode - the Wiki view. Similar to the Document view, it hides the details of the model while displaying the content of just one section, like the Model view. The Wiki view will provide you with a smoother content editing experience when the data needs to be managed in a wiki-style environment.



Switching to the Wiki view.

Enhanced Diagram Sharing Capabilities

Besides being able to acquire a dynamic link to the latest version of a diagram in a Cameo Collaborator document, you now have the option to share a link to the current version of the diagram. This enables recipients to access a specific diagram version, even if the document is updated.



Getting the link to a specific (current) version of a diagram.

Exporting Tables to Excel

This release introduces a new functionality, which allows you to export tables within Cameo Collaborator documents to the Excel format.

Diagrams

Q

Search

Categorization requirements

Project Categorization Requirement Table

▼

Project Categorization Requirement Table

PDF

Export to PDF or HTML

XLS

Export to Excel

#	Name	Text
1	Project Categorization	Project Categorization
2	Category Definition	Category shall be understood as a concept which enables visual grouping of projects.
3	Category Management	Category Management
4	System Category Management Restrictions	It shall not be possible to remove or rename the system category. It shall only be possible to assign project to this category.
5	User-defined Category Management	User-defined Category Management

B3

X ✓ fx

Project Categorization

	A	B	C
1			
2	#	Name	Text
3	1	Project Categorization	Project Categorization
4	2	Category Definition	Category shall be understood as a concept which enables visual grouping of projects.
5	3	Category Management	Category Management
6	4	System Category Management Restrictions	It shall not be possible to remove or rename the system category. It shall only be possible to assign project to this category.
7	5	User-defined Category Management	User-defined Category Management
8	6	Assigning Project to Category While Others Are Deleting It	If a project is being assigned to a category which is deleted at that time, an exception shall be thrown: "The category into which you were trying to move a project has been deleted by another user."
9	7	Automatically Reassigning Projects to System Category	When deleting a user-defined category, all projects under it are assigned to the system category automatically.

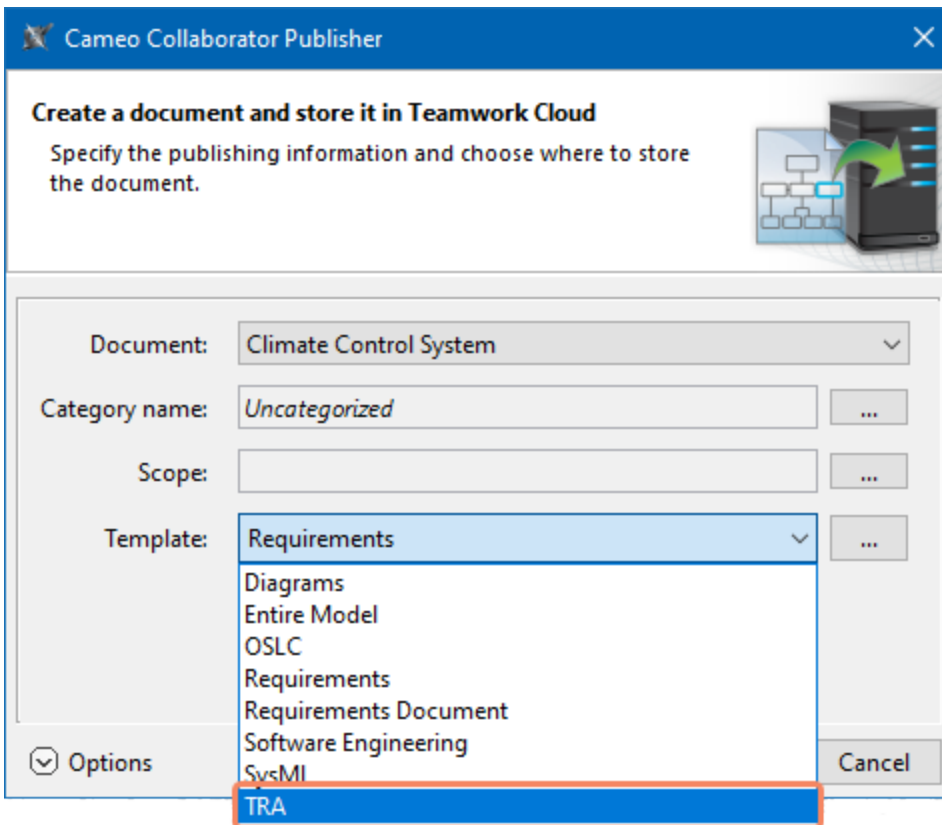
Sheet1

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Exporting a table to the Excel format.

Other Improvements

- In addition to FlexNet, Cameo Collaborator for Teamwork Cloud now supports the DSLS licensing server as well.
- The email notification capability has been improved and now works with mailing servers using SSL/TLS encryption.
- Now, Cameo Collaborator documents support data markings inside tables, ensuring consistency between documents and related Teamwork Cloud projects.
- The Cameo Collaborator Publisher plugin allows you to publish a new type of resource - **3DEXPERIENCE** Systems Traceability resource (TRA) - which can be used in the Systems Traceability app on the **3DEXPERIENCE** platform.



- With the improved Cameo Collaborator Publisher plugin, you can now select which document to update in case several documents are published from the same project.

Documentation

- [Teamwork Cloud and Services 2024x](#)

News of earlier versions

- [Teamwork Cloud and Services 2022x Refresh2](#)
- [Teamwork Cloud and Services 2022x Refresh1](#)
- [Teamwork Cloud and Services 2022x](#)