# 2022x Version News

#### Magic Collaboration Studio

Released on: July 1, 2022

The new release of Magic Collaboration Studio includes fresh and exciting features, such as newly introduced data markings and powerful reporting capabilities. Together with other usability changes, these new features allow for easier installation, more powerful access control, and better insights into what's happening with your data.

In version 2022x, the Collaborator application brings a number of new functionalities as well. We have introduced several document contextualization improvements, such as automatic image numbering and a quicker way to reorder newly created paragraphs. In addition, you will be able to navigate large tables a lot easier due to multiple table usability enhancements, embed diagrams from Collaborator documents into web pages and documents, and monitor long-running tasks with the help of the task manager.

Data markings

Reporting Capabilities

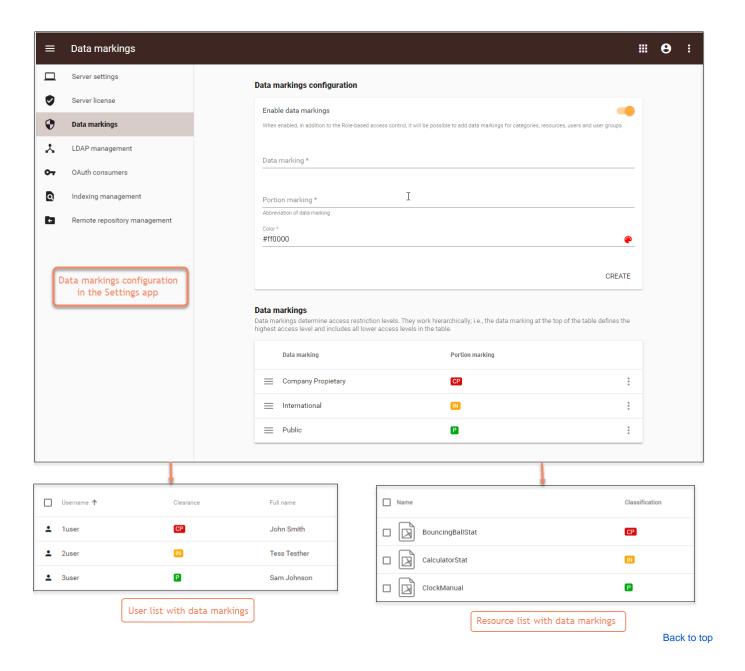
Other

#### Collaborator

- Document Contextualization Enhancements
- Improved Table Usability
- Embedding Dynamic Diagrams
- Task Manager

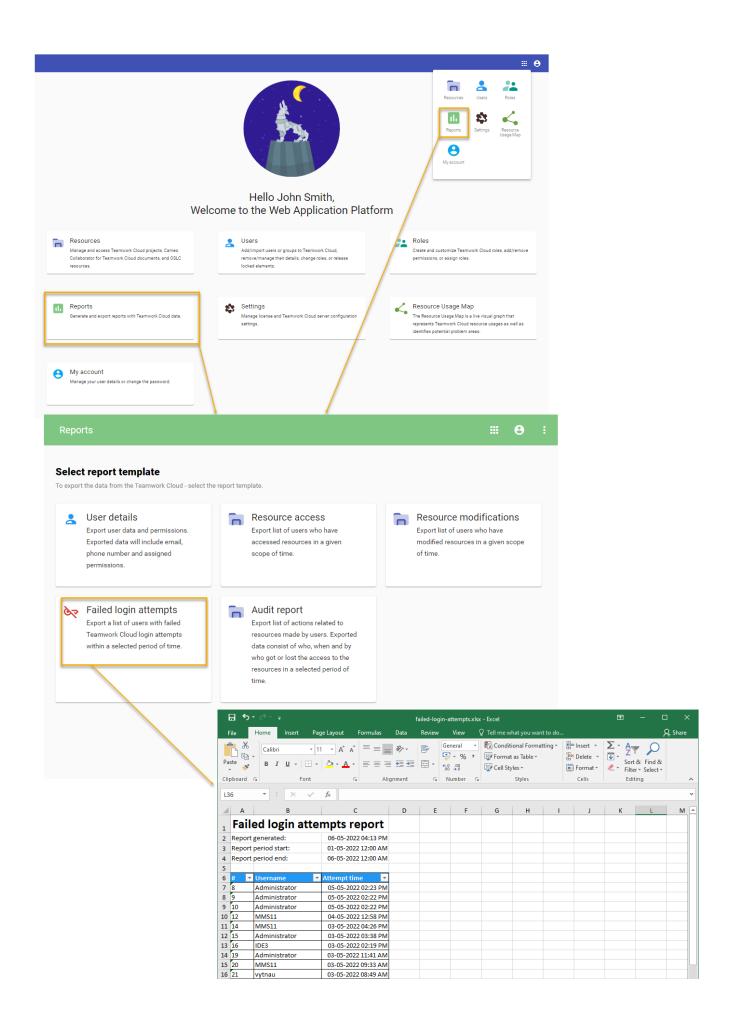
#### **Data Markings**

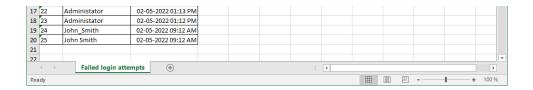
In addition to the Role-Based Access Control (RBAC) mechanism, you can now apply even stricter access rules using **Data markings**. This feature allows you to mark resources, categories, users, and user groups with custom-defined hierarchical access levels. You can employ these levels as additional security layers when listing or accessing resources on the server. After enabling data markings in the **Settings** app, you can set the clearance levels of users and user groups in the **Users** app and set the classification levels of resources and categories in the **Resources** app. This allows you to restrict access to certain resources, categories, users, and user groups.



## Reporting Capabilities

In order to have better insights into what's happening with Teamwork Cloud data, we are introducing the new **Reports** app. It enables audit-oriented generation of exportable reports on user, resource activity, permission changes, and much more with just a couple of clicks. The new **Reports** app allows you to track, record, and export the information related to Teamwork Cloud usage. This app is available directly through the Teamwork Cloud Web Application Platform or the app bar menu:



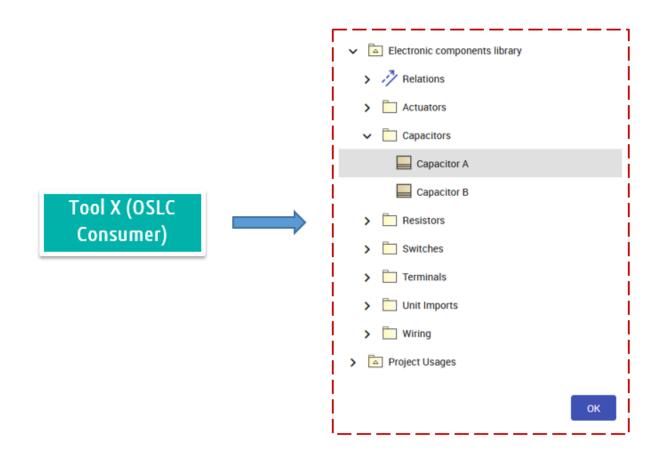


Reports app with sample report .

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## **OSLC Selection Dialogs**

As an OSLC data Provider, Teamwork Cloud extends its supported OSLC Service set by introducing delegated selection dialogs. From now on, any OSLC Consumer tool can open up and browse Teamwork Cloud model content in a web-based manner and link to model elements of interest following standard OSLC protocols.



Teamwork Cloud OSLC Selection Dialog

#### Other

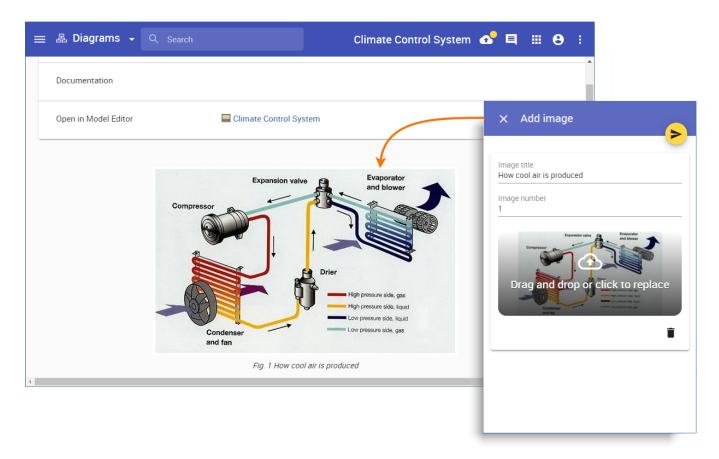
- AuthServer installation: in comparison to earlier versions, the AuthServer installation has changed. Now, the Authentication server is under the WebAppPlatform and thus no longer runs as a separate service. The AuthServer installation and upgrade procedures, as well as related parameters and their locations, are modified. To learn more, see the Authentication server page.
- Cassandra 4.0.x: TWCloud 2022x supports the newest major release of the Apache Cassandra database. This allows enjoying all of the benefits
  of Cassandra's performance and stability improvements and adds Java 11 support.
- Containers: we are providing instructions and sample scripts on how to build Cassandra and TeamworkCloud containers from the TeamworkCloudSuite deliverable. These containers can be run on any orchestration platform together with WebApps to ensure easy TWCloud de ployment.
- Global Element Usage Indexing and Search is out of Technology Preview! After multiple iterations, tweaking the performance and usability of
  this feature, we have reached a production-ready maturity level.

## Collaborator

## **Document Contextualization Enhancements**

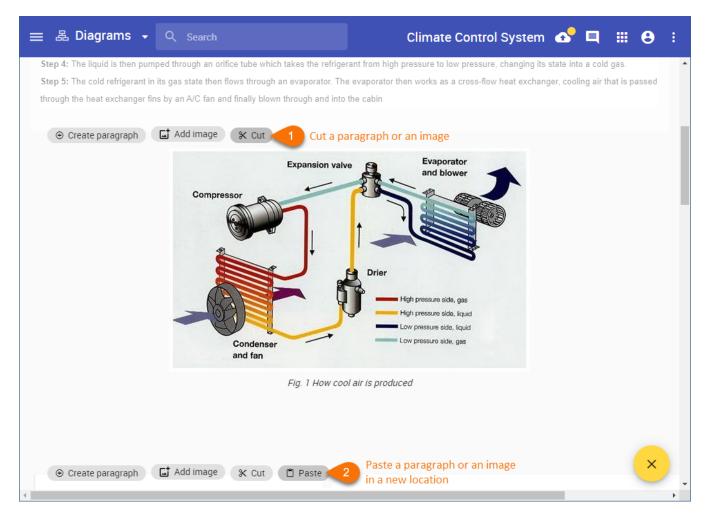
We are happy to announce that Cameo Collaborator for Teamwork Cloud 2022x brings several improvements to document contextualization features we introduced in previous versions:

• When you add images to a Cameo Collaborator document, they are automatically numbered and an image caption is created based on the file name to make your document more presentable. In Addition, you can modify the image number and caption at any time.



Auto-numbering images added to a Cameo Collaborator document.

• Now you can quickly reorder newly created paragraphs and images in a section by cutting and pasting them to a new location.



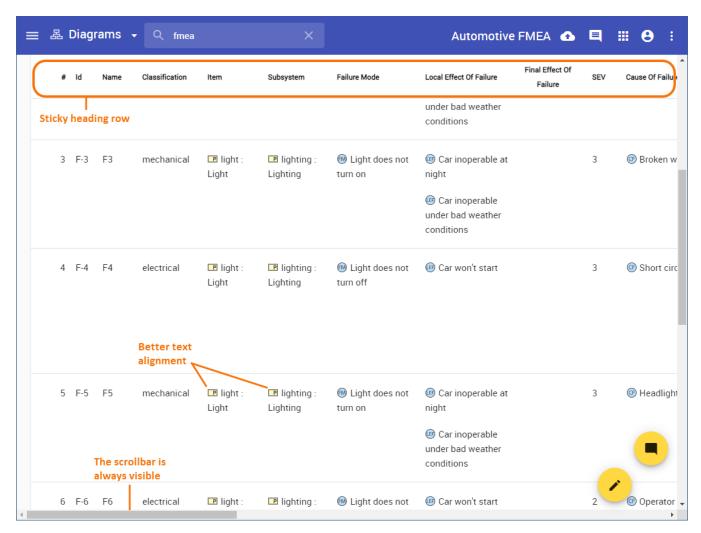
Reordering paragraphs and images in a Cameo Collaborator document.

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# **Improved Table Usability**

If once in a while you find yourself getting frustrated when trying to read a large table in a Cameo Collaborator document, we have some very good news. Cameo Collaborator for Teamwork Cloud 2022x comes with significant user experience improvements when it comes to navigating tables:

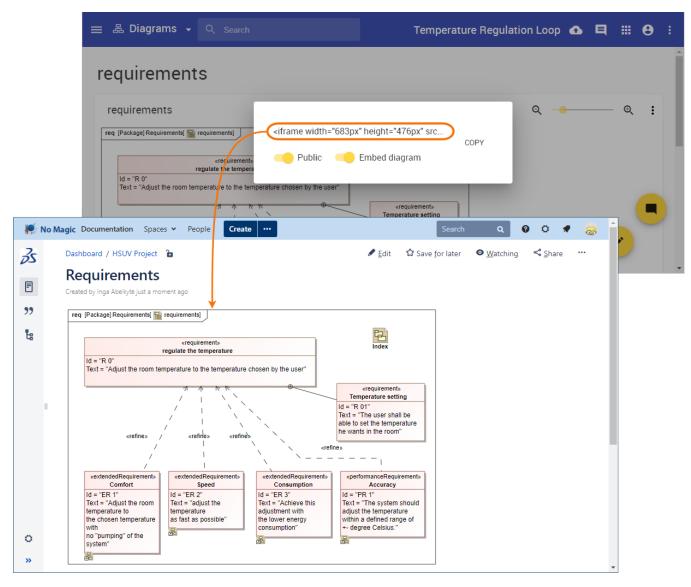
- Now the heading row stays visible when you scroll down a table.
- You can resize table columns by simply hovering the mouse pointer between two columns until the resizing icon appears.
- The horizontal scroll bar is always at hand regardless of what table section you are viewing.
- The text is aligned to the top left corner of a table cell for better readability.



Usability improvements in tables.

# **Embedding Dynamic Diagrams**

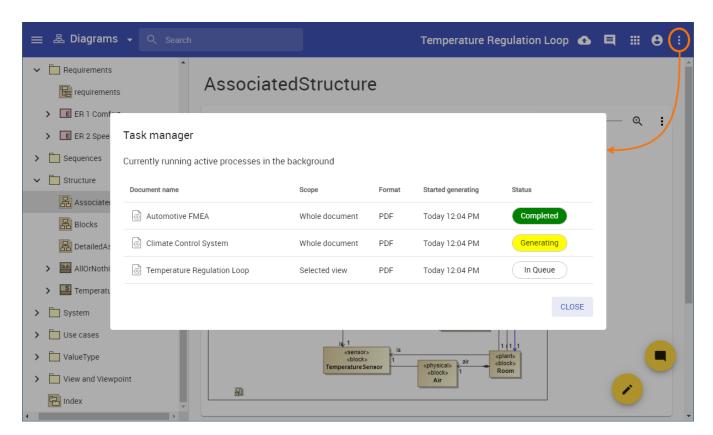
Cameo Collaborator for Teamwork Cloud introduces a new exciting functionality allowing you to embed diagrams from Cameo Collaborator into web pages or documents. When copying a diagram link, you can select to get the URL designed to create an inline frame and easily embed it into any content supporting the iFrame component. Furthermore, such a URL is dynamic and always displays the latest version of an embedded diagram even after a Cameo Collaborator document is updated.



Embedding a diagram from Cameo Collaborator into a Confluence page.

# Task Manager

The new version of Cameo Collaborator for Teamwork Cloud has a Task Manager which you can use to monitor the status of long-running tasks, such as exporting documents to PDF or HTML. It will definitely come in handy when you need to manage several document exports at once as shown in the figure below.



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#### **Documentation**

Magic Collaboration Studio 2022x

#### News of earlier versions

- Magic Collaboration Studio 2021x Refresh2
- Magic Collaboration Studio 2021x Refresh1
  Magic Collaboration Studio 2021x
  Magic Collaboration Studio 2021x
  Magic Collaboration Studio 19.0 SP4

- Magic Collaboration Studio 19.0 LTR SP3