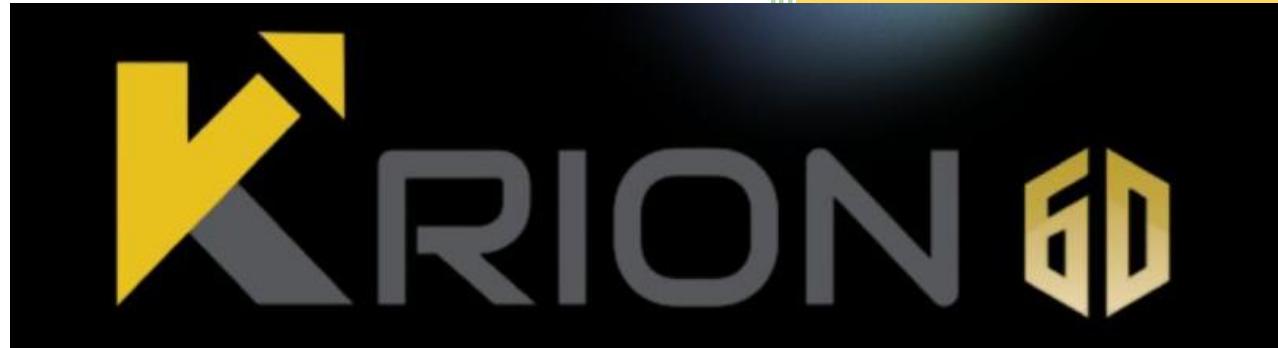


Help Document



KRION 6D Help document

KRION Consulting Pvt Ltd

5/6/2024

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About Krion 6D

Krion 6D is a Digital Twin Platform to improve timeliness and reduce cost overruns in construction projects. Krion 6D is a complete IT solution for the Construction/Infrastructure industry based on the concept of “Digital Twin.” The Krion 6D module is an integrated cloud platform to manage data models, people, processes, and assets throughout the lifecycle of a construction project. The Krion 6D module has predictive analytic features to anticipate and forecast in all the stages of Construction/Infra. It works on public, private, and virtual cloud infrastructure and uses Artificial Intelligence for operational insights and efficiency.

Getting Started

To Login to Your Krion6D Account

- Open the Krion 6D application URL.
- Enter your email ID and password to log in.



A Digital Twin Platform to improve timeliness and reduce cost overruns in your construction projects.

Krion6D is a complete IT solution for the Construction/Infrastructure industry based on the concept of “Digital Twin.” The Krion6D module is an integrated cloud platform to manage data models, people, process, and assets throughout the lifecycle of a construction project. The Krion6D module has predictive analytic features to anticipate and forecast in all the stages of Construction/Infra. It works on public, private, and virtual cloud infrastructure and uses Artificial Intelligence for operational insights and efficiency.



Login to your account
Enter your username & password to login

Email

Password

①

Remember me

Login

[Forgot password? click here](#)

Note: If you forget your password, click on "Click Here" to retrieve it via email.



Forgot Password?

Enter the email address you used when you join and We'll send you the instructions to reset your password.

Email

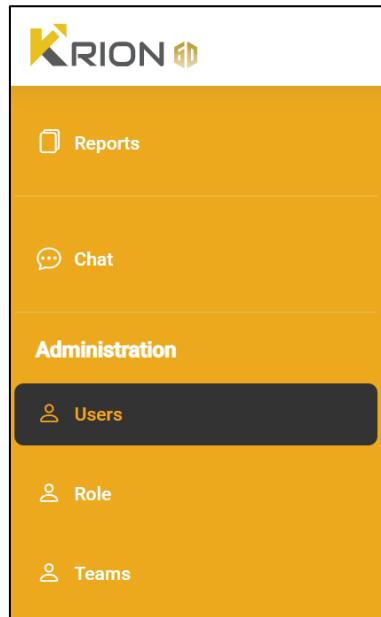
Submit

[Back to login](#)

User Creation

Once a project has been created you have to create users, user groups, assign roles and teams for project members who will be working in the project

The options to create Users, Role and Teams is available under Administration in the navigation pane



Create Users

To create a new user, navigate to Users under administration

A screenshot of the 'Users' management page. The title bar says 'Users' and shows a breadcrumb path: Home > Users. Below the title, there are two tabs: 'Users' (which is selected and highlighted with a blue border) and 'User groups'. A 'User list' table is displayed, with a header row containing columns for selection, name, role, status, and actions. A note above the table says 'Drag a column header here to group its column'. At the bottom of the table are buttons for 'Remove' (with a trash icon), 'Search' (with a magnifying glass icon), and 'Add User' (with a plus sign and user icon). To the right of the table are 'Export User' and 'Add User' buttons.

- Export user will download an excel file containing the list of users in the page.
- Search Bar helps in searching a particular user
- You can remove a particular user from the list by selecting the user and clicking on remove button

Click on **Add User** to add a new user account. Add user dialog will show up. Fill in the details as required.

Add User

[User list](#) > [Add User](#)

Add User (*) Required

Drag &
Drop
file

Profile avatar

Allowed file extension: .png, .jpg, .jpeg

Email *

User code *

First name *

Last name *

Password *

Start date

End date

Status

Organisation

App Admin

Team

Cancel

Create

1. Drag and drop a file for the Profile avatar of the user.
2. Enter the Email ID and User Code unique to the user.
3. Enter the First name and the Last name of the user
4. The Admin of your organisation sets Password during user creation, which can be changed later by the individual user.
5. Enter the Start date and End date for the user account.
6. The Status button of the user is switched on to indicate permission into the project.

7. Toggling on Organization will give access to all the modules of the organization except user creation.
8. App Admin if toggled on will make the user an Admin and will have access to all the modules including User creation
9. Finally select the Team in which the user will be mapped from the teams listed in the drop-down menu.
10. Click on Create to finish creating a user

Note:

- Export user will download an excel file containing the list of users created under your organisation.
- Search Bar helps in searching a particular user

Edit or Delete a User

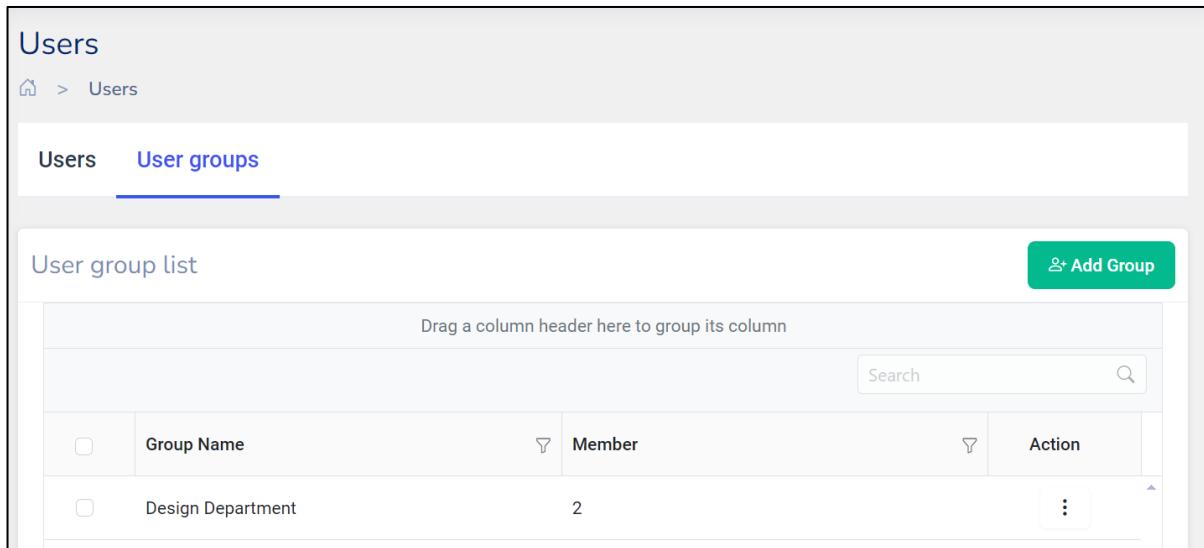
Click on against a role to edit or remove a User.

Code	Name	Email Address	Last Login	Start Date	End Date	Team Name	Status	Action
A001	User Name 1	User1@KrionConsulting.com	a day ago	03 May 2024	31 Dec 2029	Krion Consultin...		Edit
B003	User Name 2	User2@KrionConsulting.com	13 days ago			Test TEam2	Remove	
CD001	User Name 3	User3@KrionConsulting.com	2 days ago	01 Jun 2024	30 Jun 2024	Krion Consultin...	Login-History	

- Editing User Details: To edit a user's details, click on the Edit button.
- Removing a User: To remove a user from the list, select the user and click on the Remove button.
- Viewing Login History: To view a user's login history, select the user and navigate to the Login History section, which lists the entire login history of the selected user.

Create User Groups

Once users of the organization are created, you Create User groups that can be used for workflows etc.



The screenshot shows the KRION software's user management interface. At the top, there's a navigation bar with a home icon and the text 'Users'. Below it, a breadcrumb trail shows 'Home > Users'. Under the 'Users' section, there are two tabs: 'Users' and 'User groups', with 'User groups' being the active one. A green button labeled 'Add Group' is located in the top right corner of the main content area. The main content area is titled 'User group list' and contains a table with columns: 'Group Name', 'Member', and 'Action'. There is one row visible in the table with the value 'Design Department' in the 'Group Name' column and '2' in the 'Member' column. A search bar is also present at the top of the table area.

Click on User Groups tab under user and click on,  Add User Group dialogue will open up



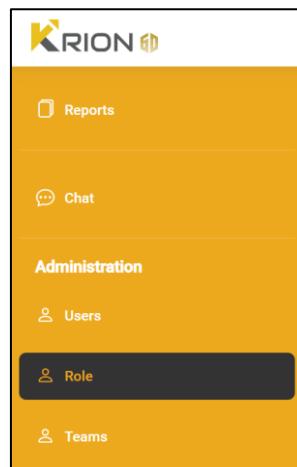
The screenshot shows the 'Add User group' dialog box. The title bar says 'Add User group'. Inside, there is a field labeled 'Group name *' with a placeholder 'Enter group name'. Below that is a section labeled 'Add user' with a placeholder 'Search user'. At the bottom right are two buttons: a white button with a black border labeled 'Cancel' and a green button labeled 'Add Group'.

Enter a new or existing Group Name and Add users from your organization by searching and click Add Group to finish creating a new group.

Assigning Roles and Teams

Once a project has been created you can Assign roles to users of the Project. Also, project Teams can be created.

The options to create Role and Teams are available under Administration in the navigation pane



Once we navigate to the Role tool, a list of roles if created already will be displayed. Here we add new roles for the various project members of your organization.

A screenshot of the KRION Role list interface. The title bar says 'Role' and shows a breadcrumb path: Home > Role. Below is a 'Role list' section with a table. The table has columns: 'Remove' (trash icon), 'Role Name' (checkbox), 'createdAt' (down arrow icon), and 'Action' (three-dot menu icon). A single row is shown: 'Test workflow restric' (checkbox checked) and '05/07/2024 12:05 pm'. A green button labeled 'Add Role' is visible at the top right of the list area. A search bar is also present.

Click on **Add Role** and Add Roles dialog will open.

Project

Home > Role > Add role

Add Role

(*) Required

Role name *

Project	<input checked="" type="checkbox"/> Add/Edit	<input checked="" type="checkbox"/> Delete
Assign Role	<input checked="" type="checkbox"/> Add/Edit	<input checked="" type="checkbox"/> Delete
Folder	<input checked="" type="checkbox"/> Add/Edit	<input checked="" type="checkbox"/> Delete
Review	<input checked="" type="checkbox"/> Add/Edit	<input checked="" type="checkbox"/> Delete
Workflow	<input checked="" type="checkbox"/> Add/Edit	<input checked="" type="checkbox"/> Delete
Document	<input checked="" type="checkbox"/> Add/Edit	<input checked="" type="checkbox"/> Delete
RFI	<input checked="" type="checkbox"/> Add/Edit	<input checked="" type="checkbox"/> Delete
Issue	<input checked="" type="checkbox"/> Add/Edit	<input checked="" type="checkbox"/> Delete

Enter the role name and click on **Create** to create a new role.

Note:

1. Role Assignment can be done only by the Admin/Project Manager.
2. Access to each module is controlled as per the role in the organisation
3. If only view access is to be given to a particular role, uncheck the Add/Edit and Delete options

View, Edit, Delete Roles

Click on **:** from the roles list to edit, view or remove roles.

Role

Home > Role

Role list

Add Role

Remove	Role Name	createdAt	Action
<input checked="" type="checkbox"/>	Designer	05/31/2024 6:26 am	⋮ <ul style="list-style-type: none"> <input type="button" value="Edit"/> <input type="button" value="View"/> <input type="button" value="Remove"/>
<input type="checkbox"/>	Trainee	05/14/2024 1:39 pm	
<input type="checkbox"/>	Projects	05/08/2024 11:28 am	

- Edit: Details of the role can be edited
- View: To view the details of a particular role
- Delete: The roles created here can also be deleted by using this option

Assigning Roles

Once roles are created users in a project can be assigned roles. Assign roles tool is available under the Setting.

Code	Name	Role	Created by	Status	Action
A001	User1@KrionConsulting.com	Rebar engnr	Team Manager	Active	⋮
B003	User2@KrionConsulting.com	Admin	Team Manager	Active	⋮
CD001	User3@KrionConsulting.com	Project Manager	Team Manager	Active	⋮

Click on **Assign role** the assign role dialog will open. Select the role from the drop down, where the list of roles created will be displayed. To Add a User to that role , search/select a user from the list of users under your project.

Assign Role

Role *

Select the role

Add user

Search user

Cancel

Assign

Click on **Assign** to finish assigning a role to a user.

Assigning Roles for Group

We can also assign roles to a Group of users.

Name	Role	Created by	Status	Action
Structural Group	Project Manager	User Name 1	<input checked="" type="checkbox"/> Active	⋮

Click on **Assign role group**, assign role for a group dialog will open, where we can select a role and then add a User Group.

Click on **Assign** to finish assigning a role to a User Group.

Note:

The assigned roles can also be Edited or Deleted. Click on **⋮** against a role to edit or remove roles.

Creating Teams

Teams help in grouping users based on their area of work. Krion6D enables you to create Teams and assign Team Codes to identify the team uniquely.

Navigate to Teams Under Administration from the navigation pane

	Team Name	Team Code	createdAt	Action
<input type="checkbox"/>	ENGINEERING TEAM	FT1	05/07/2024 3:30 pm	⋮
<input type="checkbox"/>	Checker group	Chk-001	04/30/2024 9:24 am	⋮
<input type="checkbox"/>	Material Subcontractor	MTC-001j	04/11/2024 5:14 pm	⋮
<input type="checkbox"/>	LNTP Project	LNTP 2468	04/11/2024 1:38 pm	⋮

Teams created in organisation will be displayed.

To add a new team, click on **Add Team**. Add team dialog will open where we can enter a Team Name and Team code

After entering Team Name and Team Code click on Create to finish creating a team.

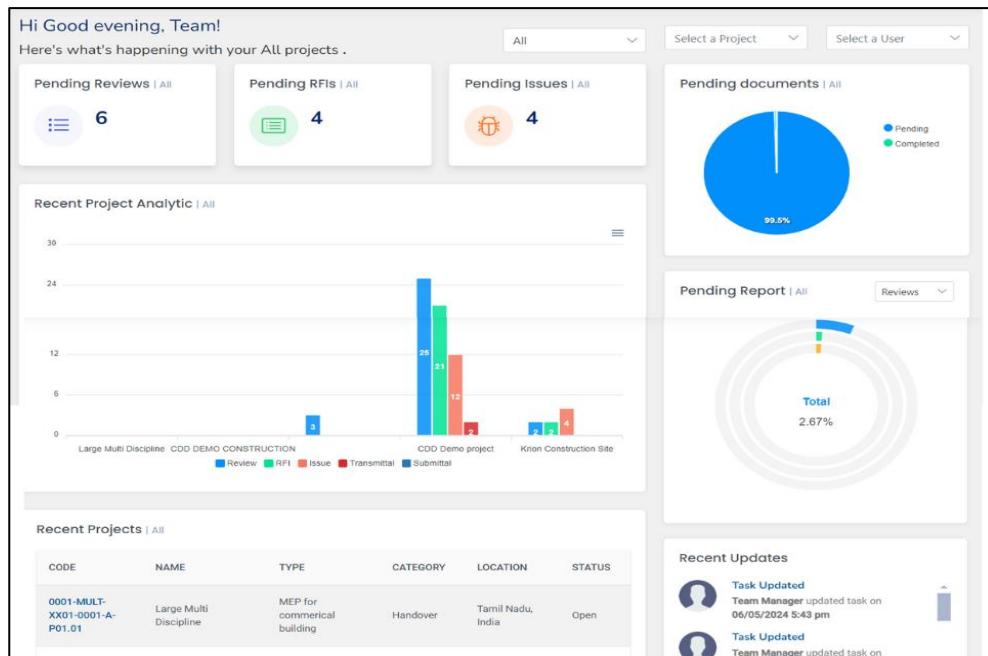
Main Dashboard

The main dashboard of Krion 6D serves as the central hub offering a comprehensive overview of key project aspects and displaying a single view of all your projects.

The dashboard shows Important, relevant, and actionable information from all the modules in Krion 6D. You can quickly evaluate areas that require the attention of you or your team, and easily navigate to the other modules to continue your work.

Note: Use to hide the navigation pane and to get a complete view of the dashboard

1. The dashboard shows a consolidated view of pending items Reviews, RFIs, Issues, Documents and Reports.
2. The Recent Project Analytic card gives an overview of pending reviews, RFIs, Issues, Transmittal, and Submittal. The project analytics can be downloaded as an SVG, PNG or CSV file.
3. Recent Project card shows the recent projects currently in progress.
4. Recent Updates show updates done on any of the items in a project.



Note: The analytics and all the other cards can be viewed for This week, This Month, and This Year, or all the details can also be displayed at once based on your selection. Also, the dashboard details can be viewed for individual projects or selected Users.

5. The top right corner of the Dashboard offers the following features:



Search can be done from the main dashboard by two ways:

- Search bar  to type and search any items like RFIs, Issues, transmittal or submittal, or any other details of a project.
- The QR code search option  can be used to search a BOM/BOQ by uploading the QR code

Other tools:

-  Notifications related to the projects of the user can be viewed by clicking the Bell Icon
-  Activity log shows the updates made on any item in the project.
-  Page URL can be downloaded as a QR code to be scanned through mobile and redirected to a particular page
-  User Icon shows the details of the user who is currently logged in.

Add Project

The Krion 6D application lets you add a new Project using an available template or by creating a new template.

From the navigation pane click on Projects under Design. A list of existing projects will show up.

The screenshot shows the 'Project list' page. At the top right are buttons for '+ Add Project' and 'Options'. Below is a table with columns: C..., Name, Zero D..., Design..., Date..., Owner, and Location. There are search and upload buttons on the right: 'Download Template', 'Upload excel', and 'Upload MSP'.

1. To create a new project, click on **+ Add Project**
2. Other options include to create a project includes clicking on Download Template which will download an Excel file containing a Sample Project template that can be filled and uploaded back again using Upload Excel. A Microsoft Project file can also be uploaded to add a new project through Upload MSP.
3. Add project will prompt with the following form:

The screenshot shows the 'Add Project' form. It includes fields for 'Project Template *' (dropdown), 'Project code *' (0001-XXXX-XX01-0001-A-P01.01), 'Project name *' (text input), 'Description *' (text area), and a 'With Project ISO' toggle switch.

Note: A project can be added with Project ISO by toggling the With Project ISO button on.

4. Complete the required fields:

- Project Template: This field lists a choice of basic templates that you can choose to create a project.
- Project Code: To be entered in the ISO 19650 format. The Project code to be entered is structured as follows: (0001-XXXX-XX01-0001-A-P01.01), which breaks down into these components:
 - 0001: A unique identifier for the project being created
 - XXXX: The code representing the organization.
 - XX01: Alpha Numeric Code for the current phase of the project.
 - 0001: The code for the department.
 - A: The department revision identifier Viz., A - Architectural, C-Civil, S-Structural, M-Mechanical, P-Plumbing, E-Environmental etc.,
 - P01: Revision Number
 - 01: A suffix indicating that the issue is currently a work in progress.
- Project Name: Specify the name of the project
- Give a brief description of the project

Start date * <input type="text" value="dd-mm-yyyy"/> 📅	Design type * <input type="text" value="Select a design type"/> ▼
Category * <input type="text" value="Select a category"/> ▼	Owner * <input type="text" value="Select the owner"/> ▼
Status * <input type="text" value="Select the status"/> ▼	

- Specify the start date of the project
- Select a Design Type from the drop-down menu
- Select the category of the building from the listed options
- Select the Owner of the project
- Select the Status of the project (Create, Close, InProgress)
- Enter the location information of the project as mentioned

Location Information:

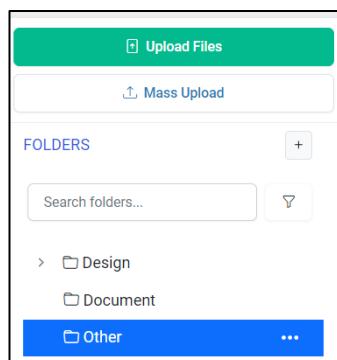
Address line 1 *	Address line 2		
1234 Main St	Apartment, studio, or floor		
City *	State *	Postal code *	Country *
Enter city	Enter state	Enter Postal Code	Enter country

Cancel
Create

5. Click on to finish creating a Project.

Note:

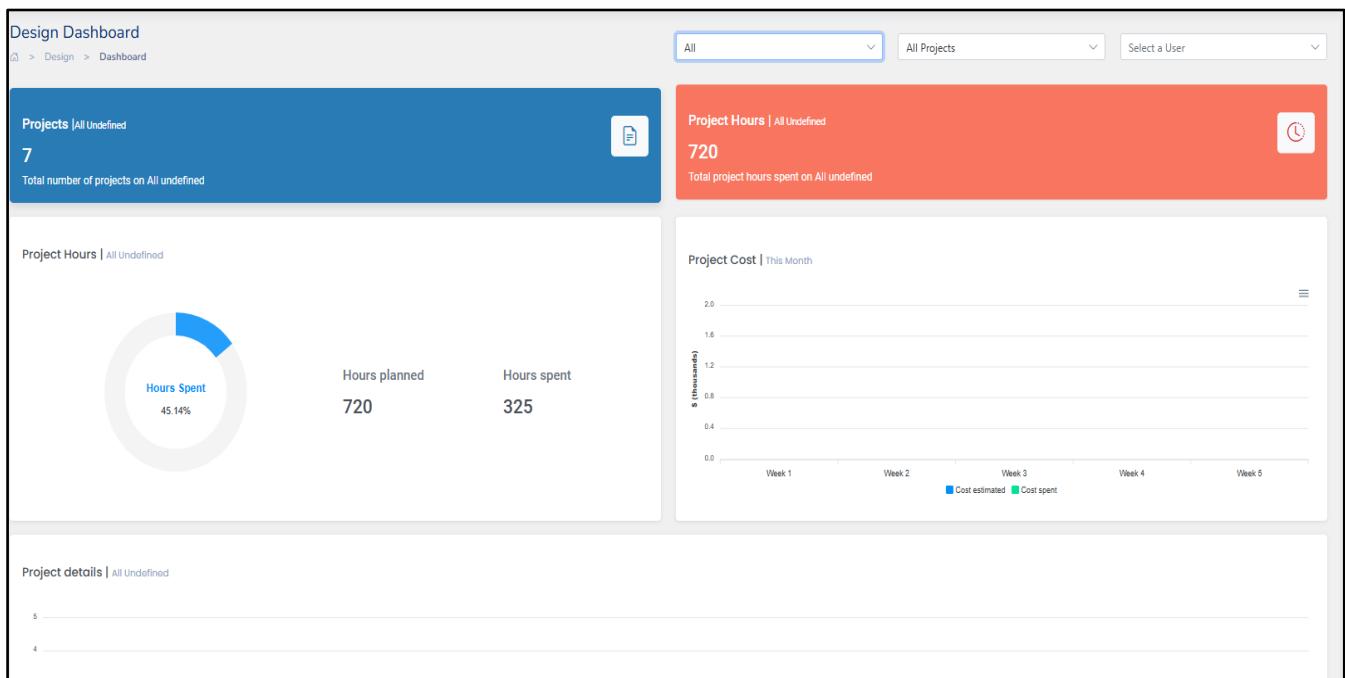
When a new project is created by default 3 folders are available to store files. Design, Document and Other.



Once a new project is created, the tool will automatically guide the user through additional setup steps when the project is opened. These steps include adding users, creating user groups, and setting up workflows.

Project Design Dashboard

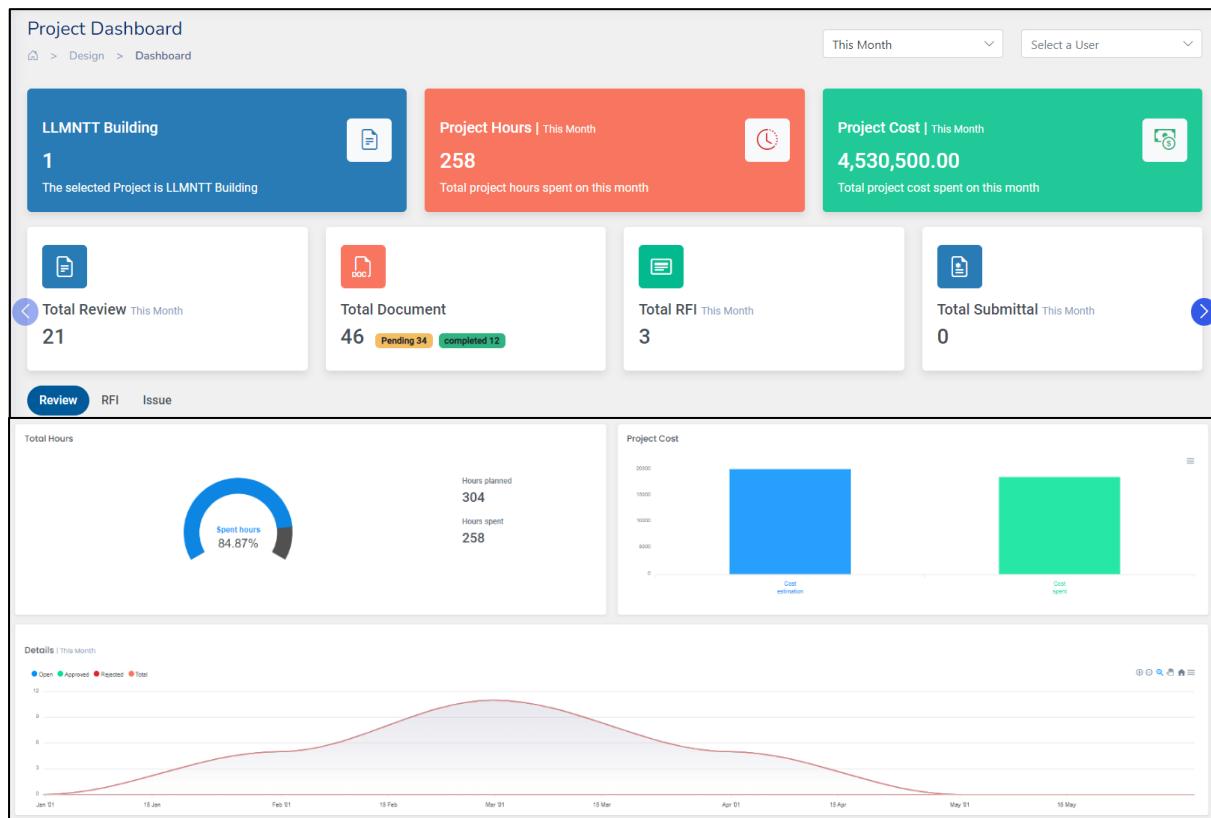
Project Design Dashboard in Krion 6D application gives a quick overview of the data related to all projects in your organization. The Number of Projects, the total project hours, and the project costs. All these data can be viewed for a week, Month, a year, or all in total.



Project Dashboard

The project dashboard shows a comprehensive view of important, relevant, and actionable information from a particular project. A Project's dashboard can be viewed by selecting the Project name from the projects listed in the project design dashboard or direct from the Navigation Pane. [Home > Design > Project list](#)

The project dashboard gives a snapshot of the Project hours spent and the Project cost. The details in the project dashboard can be viewed for a Week, Month, Year, or total. In addition to that it gives an overview of all elements related to a Project like the total Reviews, Documents (Both Pending and Completed), RFIs, Submittal, Issues, and Transmittals. Any item that needs attention can be accessed directly from the dashboard by clicking on the respective card.



Uploading Files in the Project

All files related to a project can be uploaded under the documents tab in projects in the Krion6D application [Home > Projects > Documents > View](#)

The Krion 6D application lets you upload files from Revit, Autocad, NavisWorks, and all the other important file formats. The file formats supported by Krion 6D are xls, xlsx, csv, pdf, png, doc, docx, rvt, dwg, dwf, nwc, nwf, nwd, bcf, ifc, pptx, ppt, las, spx, xml, dxf, zip, rar, ipt, ipj, iam, jpg, jpeg, txt, svf, cad.

Note: The maximum file size of a document that can be uploaded is 1GB.

Version	Name	Type	Size	Revision	Last Modified
1.0	[Folder Icon]		0 kb	1.0	07 N
1.0	[Folder Icon]		0 kb	1.0	22 A
2.0	[PDF Icon]	pdf	577 kb	1.0	26 A

Note: This can be used to hide the left pane showing the list of all the folders.

Add/Move/Remove Folders

- To Upload a file or Add a new file click on This option lets you upload one document at a time.
- To upload an entire folder containing multiple documents, Click on
- To create a New Folder, click on , and enter a folder Name and click Save

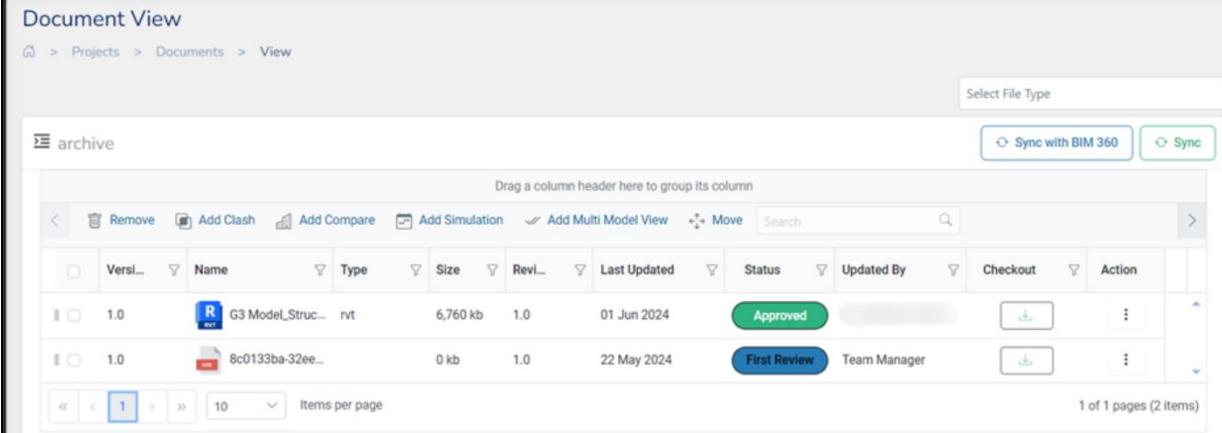
Create a Folder
Folder Name *

Enter Folder name

Save Cancel

-  **Remove** Can be used to remove a file from the document list.
-  **Move** Option lets you change the order of the files/folders list by clicking and dragging them to a new location.
-  **Search** Search bar helps in searching a Document File/Folder from the list.
- Sync with BIM360 helps in syncing the drawings with BIM360 application

Understanding the Document View

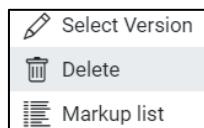


The screenshot shows the 'Document View' interface. At the top, there's a breadcrumb navigation: Home > Projects > Documents > View. To the right of the breadcrumb is a 'Select File Type' dropdown and two buttons: 'Sync with BIM 360' and 'Sync'. Below the header is a search bar with the placeholder 'archive'. The main area is a table with the following columns: Version, Name, Type, Size, Revision, Last Updated, Status, Updated By, Checkout, and Action. There are two items listed:

Version	Name	Type	Size	Revision	Last Updated	Status	Updated By	Checkout	Action
1.0	G3 Model_Struct... rvt	rvt	6,760 kb	1.0	01 Jun 2024	Approved			
1.0	8c0133ba-32ee...	pdf	0 kb	1.0	22 May 2024	First Review	Team Manager		

At the bottom left, there are navigation icons for first, previous, next, last, and page selection (10). At the bottom right, it says '1 of 1 pages (2 items)'. A tooltip 'Drag a column header here to group its column' is visible above the table.

- **Version:** Displays the document version.
- **Name:** Shows the document name.
- **Type:** Displays the file type.
- **Size:** Shows the document size.
- **Revision:** Displays the revision number of the document.
- **Date:** Indicates the date of the last update of the document.
- **Updated By:** Displays the user who last updated the document.
- **Status:** Shows the current status of the document (e.g., Create, In Progress, Review, Release).
- **Check Out:** Provides the option to download the document.
- **Action:** Clicking on  the options under this column enables the following actions:



- **Select Version:** Allows selection of a particular version of the document.
- **Delete:** Enables the user to delete the document.

- Markup List: Displays the list of markups annotated on the drawing/3D model

Note: Document list can be grouped by dragging and dropping columns

The screenshot shows the KRION Document View interface. At the top, there's a breadcrumb navigation: Home > Projects > Documents > View. Below the navigation is a search bar labeled "Select File Type". To the right of the search bar are two buttons: "Sync with BIM 360" and "Sync". The main area is titled "archive". A header bar contains various icons for actions like Remove, Add Clash, Add Compare, Add Simulation, Add Multi Model View, Move, and a search bar. Below this is a table with columns: Version, Name, Type, Size, Revision, Last Updated, Status, Updated By, Checkout, and Action. A single document entry is visible: "1.0" (Version), "Krion_6D_ReviewDoc.pdf" (Name), "pdf" (Type), "207 kb" (Size), "1.0" (Revision), "04 Jun 2024" (Last Updated), "N/A" (Status), "Team Manager" (Updated By), and a download icon (Action).

Here the list has been regrouped by the Type Column

This screenshot shows the same KRION Document View interface as above, but the list is now regrouped by the "Type" column. The "Type" column header is highlighted with a grey background. The document "Krion_6D_ReviewDoc.pdf" is listed under the "pdf" group.

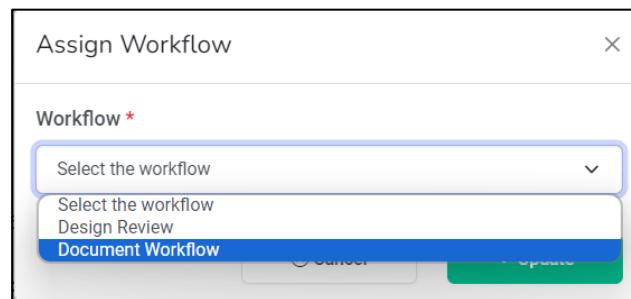
Assigning Document to Workflow

Once a new document is uploaded the Status of the document can be set to the document workflow.

This screenshot shows the KRION Document View interface with three documents listed. The first document, "Krion_6D_ReviewDoc.pdf", has a status of "N/A" and is assigned to "Team Manager". The second document, "G3 Model_Structure.rvt", has a status of "Approved" and is assigned to "Team Manager". The third document, "8c0133ba-32ee...", has a status of "First Review" and is assigned to "Team Manager". The interface includes a search bar, a "Select File Type" dropdown, and a "Sync with BIM 360" button. The bottom of the screen shows pagination controls and a message indicating "1 of 1 pages (3 items)".

In the Status Column click on N/A and connect to a workflow by choosing a workflow listed from the drop-down menu.

The screenshot shows the Krion6D Document View interface. In the center, a modal window titled "Assign Workflow" is displayed. The "Workflow *" dropdown menu is open, showing three options: "Select the workflow", "Design Review", and "Document Workflow". The "Document Workflow" option is highlighted with a blue selection bar. The background shows a list of documents in the "archive" folder, including files named "Krion_6D.pdf", "G3 Model.rvt", and "8c0133ba-32ee...". The status column for these files includes entries like "N/A", "Approved", and "First Review".



Working with the document files

Krion6D application provides various options on work on the construction project drawings, various options to work with the documents like comparing them, identifying clashes, simulation, and multi-model view.

- To detect any clash in drawings select 2 documents (.xml+.nwd) and click on **Add Clash**. Clash visualization of any design elements between the two documents gets highlighted.
- To compare to designs select to two documents (.rvt+.rvt) or (.dwg+.dwg) and click on **Add Compare**
- To check the simulation of drawings select two documents (.xml+.nwd) and click on **Add Simulation**. Simulation gives a view of the drawing with a timeline of the project. You can drag the timeline cursor to see various aspects of the project at the desired time.
- To federate drawings in a multimodel view **Add Multi Model View**, select two or more documents (.rvt+.rvt) or (.dwf + .dwf) or (.rvt + .dwf + .dwf) etc and click on

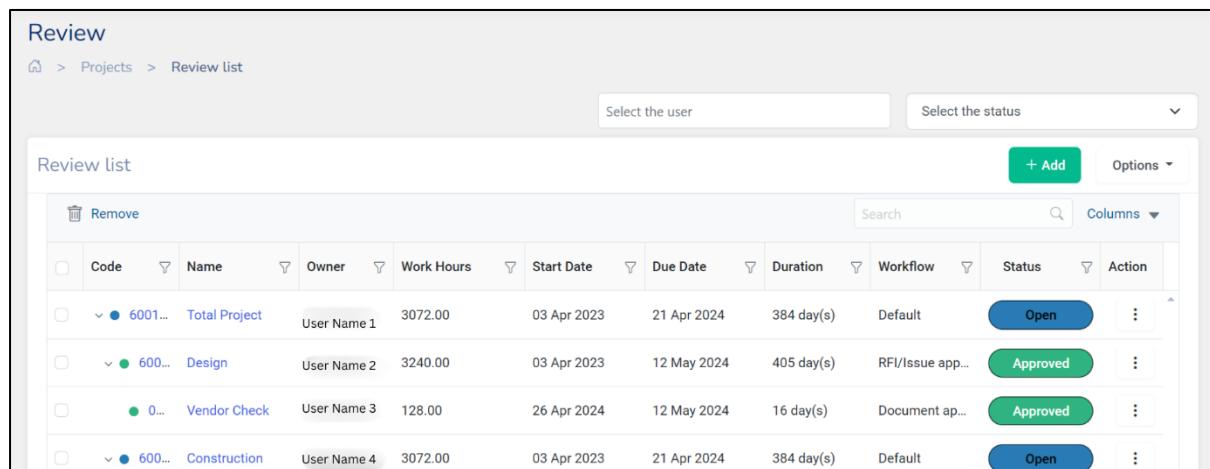
Review

The review list in Krion 6D application displays the complete list of tasks that you have across the project. You can go to the reviews list from [Home](#) > [Projects](#) > [Review list](#). The review list has a complete list of tasks/subtasks in a project and follows a WBS structure.

The review tasks list can be uploaded by clicking on [Options](#). The Krion 6D application lets you upload task list from an excel sheet, or MS project file or can be synchronized with an MS project server.

The list shows the Name of the task, Start Date and Due Date of the task, work hours spent, owner, and status of the task.

Tasks are color-coded to show the different status of each task.



The screenshot shows the 'Review' section of the Krion 6D application. At the top, there are navigation links: Home > Projects > Review list. Below this is a search bar with 'Select the user' and 'Select the status' dropdowns, and a green '+ Add' button. The main area is titled 'Review list' and contains a table with the following data:

	Code	Name	Owner	Work Hours	Start Date	Due Date	Duration	Workflow	Status	Action
<input type="checkbox"/>	6001...	Total Project	User Name 1	3072.00	03 Apr 2023	21 Apr 2024	384 day(s)	Default	Open	⋮
<input type="checkbox"/>	600...	Design	User Name 2	3240.00	03 Apr 2023	12 May 2024	405 day(s)	RFI/Issue app...	Approved	⋮
<input type="checkbox"/>	0...	Vendor Check	User Name 3	128.00	26 Apr 2024	12 May 2024	16 day(s)	Document ap...	Approved	⋮
<input type="checkbox"/>	600...	Construction	User Name 4	3072.00	03 Apr 2023	21 Apr 2024	384 day(s)	Default	Open	⋮

Note: The review list can be filtered by the status of the task whether the task is Open, Approved, Review or Responded. The list can be filtered by User or User Group.

Tip: The task list can be viewed with a timeline like a Gantt Chart in a side-by-side view by clicking on the Timeline from the navigation pane.

Add a Review

To add a new task to review click on **+ Add** and fill in the necessary details

Review

Projects > Review list > Add Review

Add Review (*) Required

Review Color Green

Parent Review	Review Code * (0001-XXXX-XX01-RVW-0001-A-P01.01)	Review Name *
Select the parent review	0001-XXXX-XX01-RVW-0001-A-P01.01	Enter review name

Description *

Enter Description

Start Date * dd-mm-yyyy **End Date *** dd-mm-yyyy **Workflow *** Select the workflow

Description *

Enter Description

Start Date * dd-mm-yyyy **End Date *** dd-mm-yyyy **Workflow *** Select the workflow

Priority * Select the priority **Estimate Cost** 0 **Actual Cost** 0

Check list

Search check list

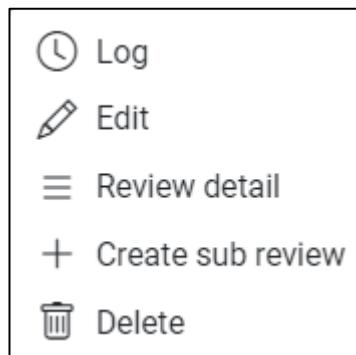
Attach files

- Select the Parent review of the new review being created
- Enter the review code as per the ISO format
0001-XXXX-XX01-RVW-0001-A-P01.01.
It is structured as below:
 - 0001: A unique identifier for the Review being created
 - XXXX: The code representing the organization.
 - XX01: Alpha Numeric Code for the current phase of the project.
 - RVW : Indicating that it is a review.
 - 0001: The code for the department.

- A: The department revision identifier Viz., A - Architectural, C-Civil, S-Structural, M-Mechanical, P-Plumbing, E-Environmental etc.,
- P01: Revision Number
- 01: A suffix indicating that the issue is currently a work in progress
- Enter the review name, add a description, start date, and end date, and select the Workflow to which the review will be attached.
- Priority can be set for the review as High, medium, low, or critical.
- Optionally the Estimate of cost and actual cost can be entered.
- Attach Files lets you upload any files related to the review task. You can attach any file from the drive, RFIs, Issues, Transmittals, Submittals, BOM/BOQ or Form. Any combination of these files can also be uploaded.
- Finish entering the all required fields and then click Create to successfully create a review.

Actions on Review

Click on : from the Review list to view various actions that can be performed on a Review

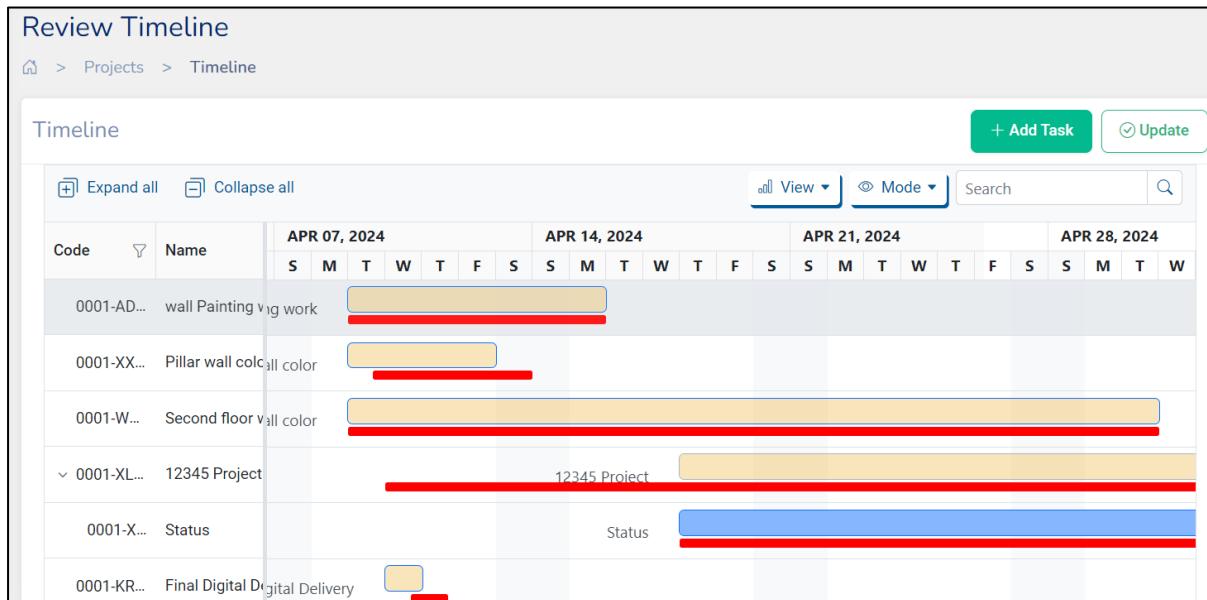


- Log: This option lets the user log the hours spent on a review. Users can update the Log Date, Total Hours Spent, Actual Hours spent
- Edit: To make any changes to the details in the created Review, users can use this option to edit the Review
- Review Detail: This option can be used to view the details of a Review from the review list.
- Create Sub Review: Redirects the user to add a sub review to the current Parent Review.
- Delete: A review can be deleted by using this option

Timeline

The timeline feature in Krion 6D application displays all the projects in a Gantt Chart format. This visual tool helps in planning scheduling and tracking specific tasks with a project. It gives a clear visual representation of a project's timeline and the duration of individual tasks making it easier to understand the project's flow and overall scope.

It also shows how tasks are interrelated and depend on the completion of proceeding tasks. Adjustments and updates can be made as the project advances, providing a dynamic way to manage and adapt to changes



The timeline view features:

Detailed task Information: Simply hover over any taskbar to see details such as the task name, start and end dates, and current progress

Task Relationships: Easily create dependencies by dragging and dropping between tasks

Adjustable Durations: Directly update the duration of tasks by adjusting the ends of the taskbars.

Progress Updates: Modify the progress status of tasks directly from the timeline.

Flexible Views: Switch seamlessly between timeline, grid, or chart views to best suit your project tracking needs

Time Scale Customization: Customize the task view to display information by date, month, or year, enhancing long-term planning and review

Expand All: Quickly unfold all subtasks within a task to view detailed breakdowns and individual components of larger tasks.

Collapse All: Simplify your view by collapsing all subtasks, allowing you to focus on the overall tasks and reduce visual clutter.

Task Search: Use the search bar to quickly locate specific tasks within your project

RFIs

RFI (Request for Information) is used to formally document questions or queries or responses to design in construction-related topics that may come up during the lifecycle of a construction project.

RFIs can be viewed from > Projects > RFI list. The columns that are displayed in the list can be customized as per the requirement by selecting the required fields. RFIs can be searched from the list from the search bar.

RFI																																																																	
Home > Projects > RFI list																																																																	
Select the user <input type="text"/> Select the status <input type="button" value="▼"/>																																																																	
RFI list																																																																	
+ Add <input style="float: right;" type="button" value="+"/>																																																																	
Drag a column header here to group its column																																																																	
<input type="checkbox"/> C... <input style="margin-right: 10px;" type="button" value="Remove"/> Title <input style="margin-left: 10px;" type="button" value="▼"/> Type <input style="margin-left: 10px;" type="button" value="▼"/> Assigned To <input style="margin-left: 10px;" type="button" value="▼"/> Due Date <input style="margin-left: 10px;" type="button" value="▼"/> Status <input style="margin-left: 10px;" type="button" value="▼"/> Action <input style="margin-left: 10px;" type="button" value="Columns"/>																																																																	
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10px;"><input type="checkbox"/></td> <td style="width: 10px;"></td> </tr> <tr> <td>0001-...</td> <td>L RFI</td> <td>Structural members B...</td> <td>Project Designer</td> <td>08 Apr 2024</td> <td>PROJECT DESIGNER</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Railin...</td> <td>Railing [2111484]</td> <td>HAVC of second floor</td> <td>Project Designer</td> <td>08 Apr 2024</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>1397...</td> <td>Floor [1397309]</td> <td>HAVC of second floor</td> <td>Project Designer</td> <td>08 Apr 2024</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>1001-...</td> <td>Basic Wall [1524790]</td> <td>HAVC of second floor</td> <td>Project Designer</td> <td>08 Apr 2024</td> <td>step1</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>											<input type="checkbox"/>											0001-...	L RFI	Structural members B...	Project Designer	08 Apr 2024	PROJECT DESIGNER						Railin...	Railing [2111484]	HAVC of second floor	Project Designer	08 Apr 2024							1397...	Floor [1397309]	HAVC of second floor	Project Designer	08 Apr 2024							1001-...	Basic Wall [1524790]	HAVC of second floor	Project Designer	08 Apr 2024	step1					
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1397...	Floor [1397309]	HAVC of second floor	Project Designer	08 Apr 2024																																																													
1001-...	Basic Wall [1524790]	HAVC of second floor	Project Designer	08 Apr 2024	step1																																																												

Create RFI

To create an RFI you can click on

- The RFI is created by entering a unique RFI code as per ISO 19650 format. The code is customizable. The RFI code is structured as 0001-XXXX-XX01-RFI-0001-A-P01.01, which breaks down into these components:
 - 0001: A unique identifier for the RFI being created
 - XXXX: The code representing the organization.
 - XX01: Alpha Numeric Code for the current phase of the project.
 - RFI: Indicating that it is a RFI
 - 0001: The code for the department.

- A: The department revision identifier Viz., A - Architectural, C-Civil, S-Structural, M-Mechanical, P-Plumbing, E-Environmental etc.,
- P01: Revision Number
- 01: A suffix indicating that the issue is currently a work in progress

This format ensures that each issue can be tracked and referenced efficiently throughout its workflow process.

RFI

Add RFI (*) Required

Create as review

RFI Code * (0001-XXXX-XX01-RFI-0001-A-P01.01) Title *

0001-XXXX-XX01-RFI-0001-A-P01.01 Enter RFI name

Question *
Enter question

Suggested answer
Enter suggested answer

Note: The Create as Review button can be toggled on if you want to create an RFI as a review task. If no review is required for the RFI being raised it can be toggled off. However, the RFIs can also be individually tracked down by attaching it to a workflow

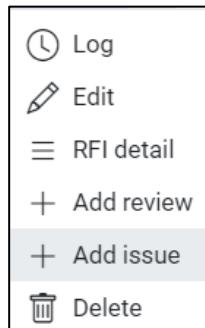
2. In the Title field enter the RFI name
3. Enter the question requesting information for which the RFI is being created

Due Date *	Location *	Type *
dd-mm-yyyy	Enter location	Select the type
Discipline *	Category *	Workflow *
Select the discipline	Select the category	Select the workflow
Priority *	Estimate Cost	Actual Cost
Select the priority	0	0
<input type="checkbox"/> Cost impact <input type="checkbox"/> Schedule impact		
Upload photos/images		

4. Enter the Due Date for the RFI
5. Choose the Location of the RFI, Type, Discipline, Category, and Priority for the RFI
6. Workflow is a mandatory field which needs to be assigned to a RFI for various stages of approval and processes
7. Optionally estimate of Cost and Actual cost can be specified
8. Select if there is a Cost Impact or Schedule Impact on the RFI being raised.
9. Upload relevant supporting documents if necessary
10. Finally click  to successfully create an RFI

Actions on RFI

Click on  from the RFI list to view various actions that can be performed on an RFI

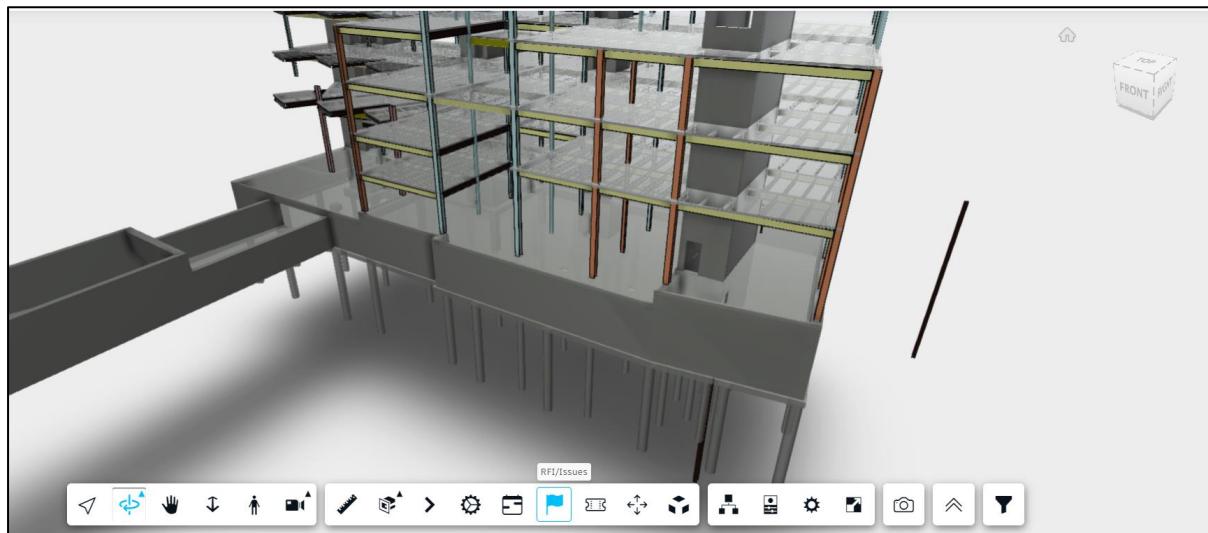


- Log: This option lets the user log the hours spent on an RFI. Users can update the Log Date, Total Hours Spent, Actual Hours spent
- Edit: To make any changes to the details in the created RFI, users can use this option to edit the RFI
- RFI Detail: To view the details of a RFI from the RFI list this option can be used.
- Add Review: Redirects the user to the Add Review page where the users can add the RFI as a review task.
- Add Issue: Enables the user to create an Issue.
- Delete: An RFI can be deleted by using this option

Creating RFI from the 3D viewer

RFI can also be created on the 3D model while viewing the drawing in the 3D viewer.

1. Open a drawing file from the document list. Once the 3D viewer page is loaded, Find the icon from the tools displayed on the screen.



2. Clicking on the tool opens the dialog to raise an RFI



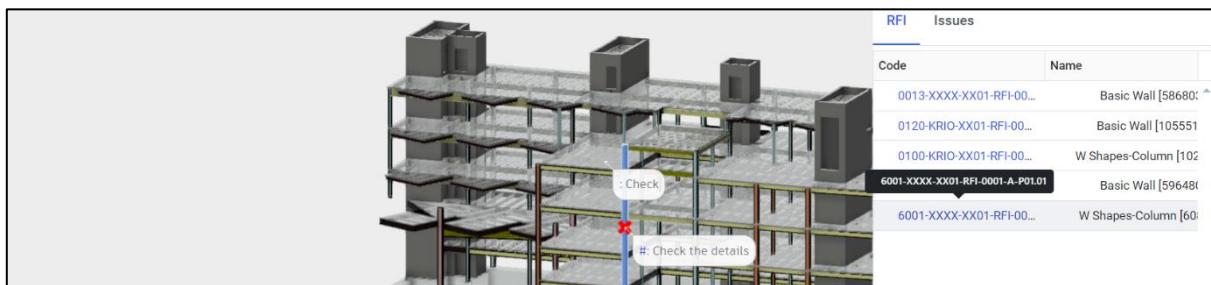
3. Once the item in the model is marked the Selected Part, Selected Point, and Name fields get automatically populated.



Enter the other details like the RFI code (based on the specified format) and enter comments if any and click save.

<p>Selected Part</p> <p>W Shapes-Column [608225]</p> <p>Selected Point (X,Y,Z)</p> <p>-20.08,27.19,28.14</p> <p>Code: (0000-XXXX-XX01-RFI-0001-A-P01.01)*</p> <p><input type="text"/></p> <p>Name*</p> <p>W Shapes-Column [608225]</p> <p>Comment*</p> <p><input type="text"/></p> <p style="text-align: center;">Save</p>	<p>Selected Part</p> <p>W Shapes-Column [608225]</p> <p>Selected Point (X,Y,Z)</p> <p>-20.08,27.19,28.14</p> <p>Code: (0000-XXXX-XX01-RFI-0001-A-P01.01)*</p> <p><input type="text" value="6001-XXXX-XX01-RFI-0001-A-P01.01"/></p> <p>Name*</p> <p>W Shapes-Column [608225]</p> <p>Comment*</p> <p><input type="text" value="Check the details!"/></p> <p style="text-align: center;">Save</p>
---	---

4. The created RFI's details can be attached to a workflow directly from the 3d viewer and if required, can be edited by clicking on the RFI Code displayed in the dialog box, which will redirect to the edit RFI Detail module



By Clicking on Edit we can further select a Assignee and other necessary details can be added to the Issue.

RFI detail

Home > Projects > RFI list > RFI detail

W Shapes-Column [608225] Edit

[] Details

Type: HVAC of second floor Due Date: 31 May 2024

Owner: Team Manager Priority: Hall of 3rd floor

Discipline: Wall of master bed room Location: -

Category: Flooring Cost impact: No

Schedule impact: No

[] Assignee

[Select Users](#) [Select user groups](#)

[] Uploaded photos/images

Issues

Issues tool is used to track work, communicate areas for improvement, resolve problems, and prevent delays by tracking the work through a workflow. You can create issues under Projects, assign them to team members, and track the progress.

In Krion 6D application Issues tool can be located under Projects > Actions > Issues

Code	Title	Type	Created By	Start Date	Due Date	Status	Action
0010-C...	W Shapes-Column [608215]	HAVC of second floor	[REDACTED]	08 Apr 2024	08 Apr 2024	Raised	⋮
0010-K...	Tree - Honey-Locust [1415...]	HAVC of second floor	[REDACTED]	11 Apr 2024	11 Apr 2024	Approved	⋮

Note: The Status of the Issue will be updated based on the approval process defined in the Workflow.

Create Issue

To Add a New issue, Click on the **+ Add** button. The Add Issue form will show up

Note: The Create as Review button can be toggled on if you want to create the Issue as a review task. If no review is required for the Issue being raised it can be off. However, the Issues can also be individually tracked down by attaching it to a workflow

1. The Issue code to be entered is structured as follows:

(0001-XXXX-XX01-ISS-0001-A-P01.01), which breaks down into these components:

- 0001: A unique identifier for the Issue being created
- XXXX: The code representing the organization.
- XX01: Alpha Numeric Code for the current phase of the project.
- ISS: Implies that it is an Issue
- 0001: The code for the department.
- A: The department revision identifier Viz., A - Architectural, C-Civil, S- Structural, M-Mechanical, P-Plumbing, E-Environmental, etc.,
- P01: Revision Number
- 01: A suffix indicating that the issue is currently a work in progress

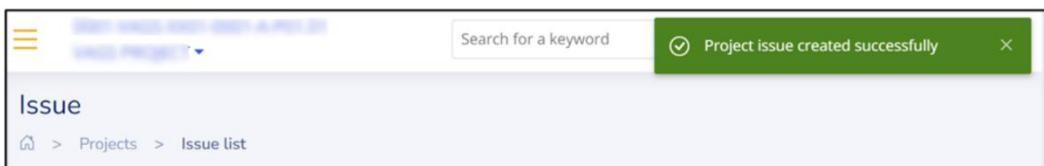
This format ensures that each issue can be tracked and referenced efficiently throughout its workflow process.

2. Enter a brief Title for the issue in the Title field (E.g.: Beam Column junction)
3. Provide a brief Description of the issue in the designated field
4. Specify the Start date for addressing the issue
5. Specify the Due date for addressing the issue
6. Enter the issue Type in this field. If the issue is already listed choose it from the list. If the issue you are raising is not listed under the issue type, you can Enter the issue and click Add New Item
7. Enter the Placement Type in this field. If the issue is already listed choose from the list. If the issue you are raising is not listed under the issue type, you can Enter the issue and click Add New Item

Root Cause *	Workflow *	Location *	Estimate Cost
<input type="text" value="Select the root cause"/>	<input type="text" value="Select the workflow"/>	<input type="text" value="Enter location"/>	<input type="text" value="0"/>
Actual Cost			
<input type="text" value="0"/>			
Upload photos/images			
<input type="button" value="Drag and drop files or click here"/>			

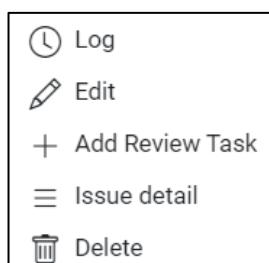
8. Indicate the Root cause of the issue from the available options, If not available a new entry can be created.
9. Assign the Workflow type from the listed options. Workflow is a mandatory field which needs to be assigned to an Issue for various stages of approval and processes
10. Enter the Location of the issue in the associated file
11. Optionally, Provide the Estimated cost of addressing the issue
12. Optionally, input the Actual cost incurred for resolving the issue
13. Upload photos/images of the issue by dragging and dropping files into the designated field or attaching files from the drive. Attachments added will be displayed in this box Note: Steps 11 to 13 are optional to Create an Issue
14. Click on the  button to finalize the creation of the Issue.

Project issue created successfully message will pop up confirming the creation of the issue



Actions on Issue

Click on  from the issue list to view various actions to be performed on an Issue

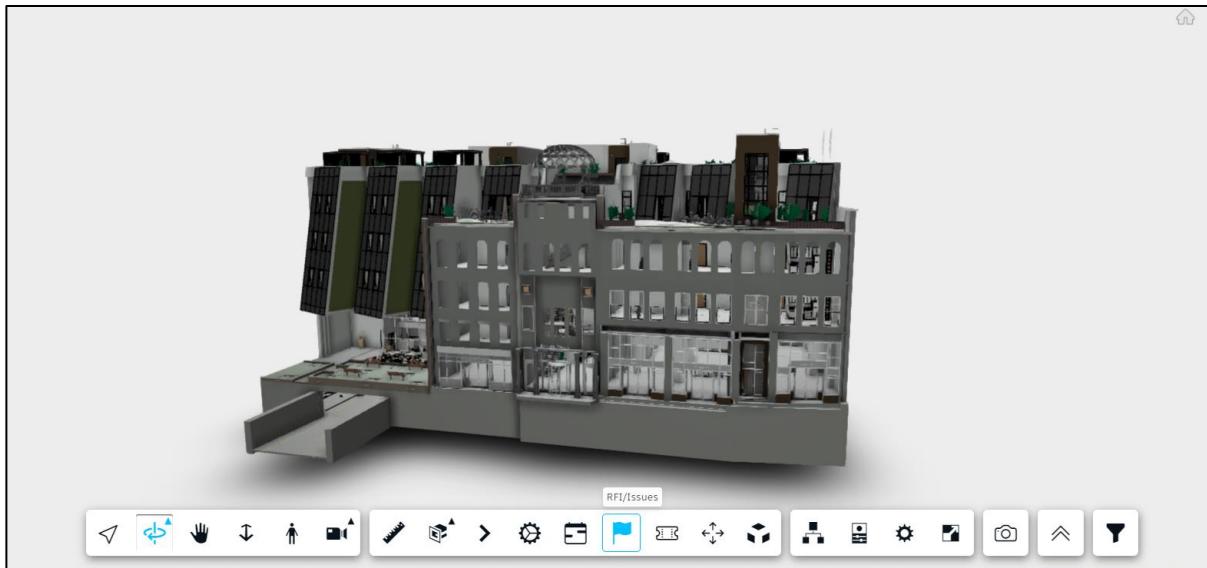


- Log: This option lets the user log the hours spent on an issue. Users can update the Log Date, Total Hours Spent, Actual Hours spent
- Edit: To make any changes to the details in the created issues, users can use this option to edit the issue
- Add Review Task : Redirects the user to the Add review page where the users can add the issue as an review task.
- Issue Detail: To view an issue from the issue list this option can be used.
- Delete: An issue can be deleted by using this option

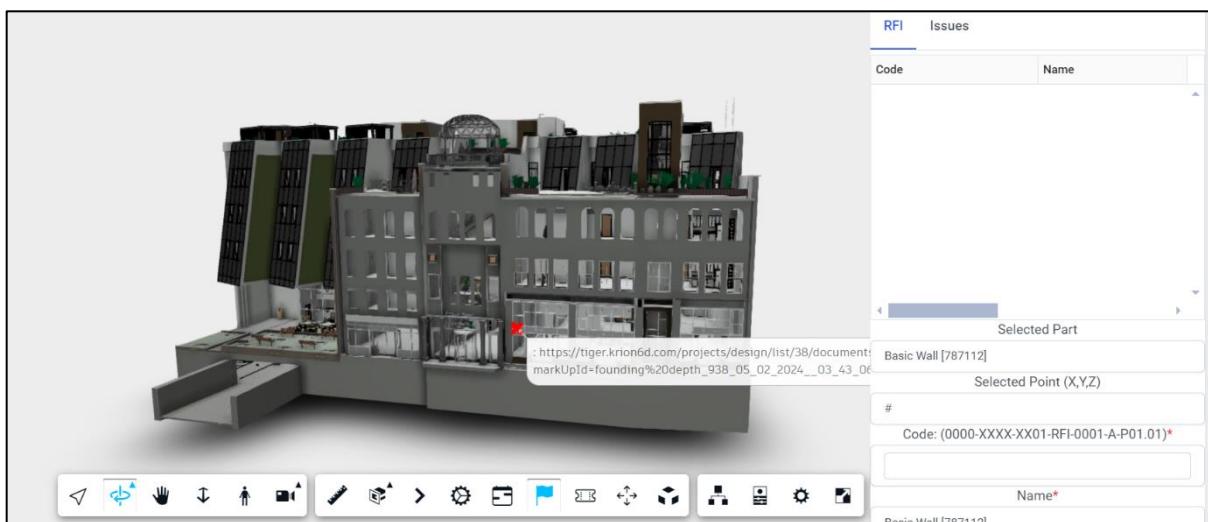
Creating Issue from the 3D Viewer

While analyzing structural or architectural drawings, Issues can be created by Marking the item on the 3D Model.

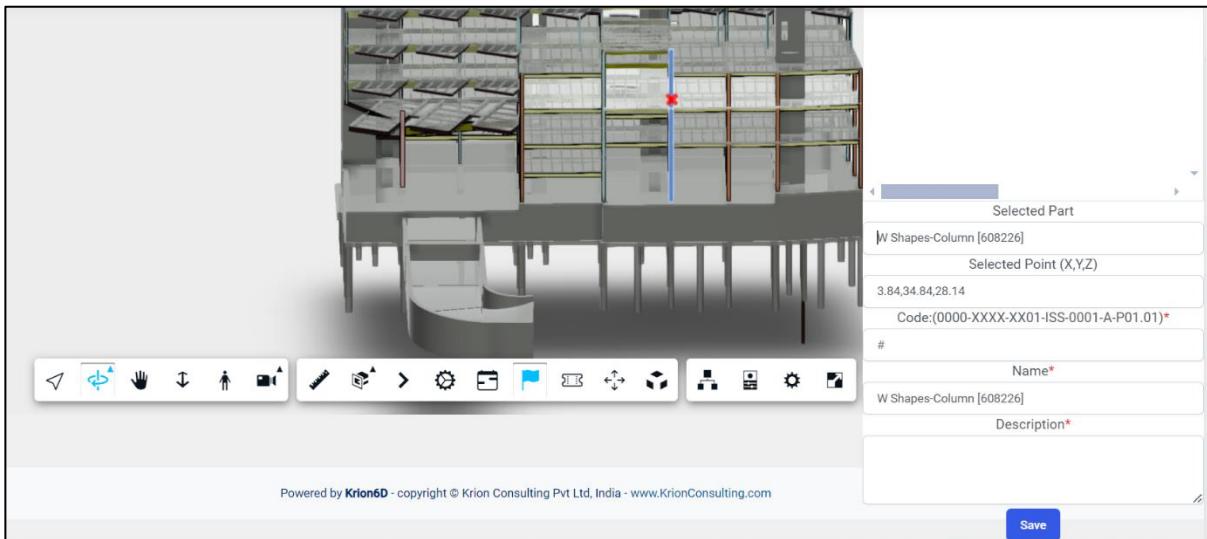
1. Open a drawing file from the document list. Once the 3D viewer page is loaded, find the icon from the tools displayed on the screen.



2. Clicking on the tool opens the dialog to raise an Issue.



3. Select the item on the building, and create a Markup on the model using the markup tool.



Once the item in the model is marked the Selected Part, Selected Point and Name fields get automatically populated.

<p>Selected Part</p> <p>W Shapes-Column [608226]</p> <p>Selected Point (X,Y,Z)</p> <p>3.84,34.84,28.14</p> <p>Code:(0000-XXXX-XX01-ISS-0001-A-P01.01)*</p> <p>#</p> <p>Name*</p> <p>W Shapes-Column [608226]</p> <p>Description*</p>	<p>Selected Part</p> <p>W Shapes-Column [608226]</p> <p>Selected Point (X,Y,Z)</p> <p>3.84,34.84,28.14</p> <p>Code:(0000-XXXX-XX01-ISS-0001-A-P01.01)*</p> <p>6001-XXXX-XX01-ISS-0001-A-P01.01</p> <p>Name*</p> <p>W Shapes-Column [608226]</p> <p>Description*</p> <p>Check details of the Column</p>
<input type="button" value="Save"/>	

Enter the Issue Code as per the specified format and add description if any and Click save.

4. The Issue details can be further attached to a workflow directly from the 3d viewer and if required, can be edited by clicking on the Issue Code displayed in the dialog box, which will redirect to the edit Issue Detail module.



By Clicking on Edit we can further select a Assignee and other necessary details can be added to the Issue.

Issue detail

Projects > Issue list > Issue detail

W Shapes-Column [608226]
6001-XXXX-XX01-ISS-0001-A-P01.01

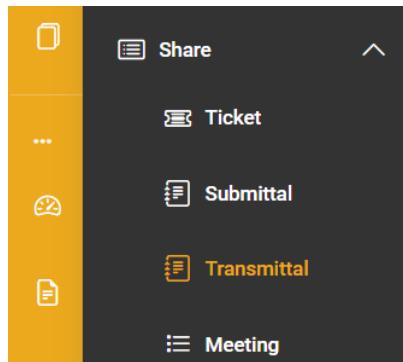
[Edit](#)

Details		Assignee	
Type:	HAVC of second floor	Duration:	1 day(s)
Owner:	Team Manager	Priority:	None
Start Date :	31 May 2024	Due Date :	31 May 2024
Placement	Ceiling reference with room 1 in first floor	Root cause :	Duct dimensions are high
Location :	Uploaded photos/images		

Transmittal

A transmittal is a document accompanying other documents, files, or samples, serving as a record of when these items were sent and providing proof of their transmission. In construction projects, transmittals are especially important as they track the dispatch of project documents and identify the recipients.

The transmittal tool can be accessed under the Share option under the projects from the navigation pane.



The Transmittals tool in Krion 6D allows you to see a list of all transmittals along with details like the:

- Transmittal code
- Title
- Created by
- No of Documents
- Status

	Code	Title	Created by	Created Date	Documents
<input type="checkbox"/>	0001-KRIO-XX01-T...	Final Digital Delivery	Project Designer	10/Apr/2024 16:55...	5
<input type="checkbox"/>	0001-XXXX-XX01...	Transmi2	Final Approval	18/Apr/2024 17:29...	1

Note: The transmittals list can be filtered by the status and by user/user groups. The items to be displayed in the list can also be customized by selecting the columns drop-down menu.

Create Transmittals

- Click on **+ Add** to create a Transmittal

The screenshot shows the 'Add Transmittal' dialog box. At the top, there's a breadcrumb navigation: Home > Projects > Transmittal list > Add Transmittal. The main area has a heading 'Add Transmittal' and a note '(*) Required'. There are several input fields: a toggle switch for 'Create as review', a 'Code' field containing '0001-XXXX-XX01-TRN-0001-A-P01.01', a 'Title' field with placeholder 'Enter transmittal title', a 'Description' field with placeholder 'Enter Description', and a 'Workflow' dropdown menu with placeholder 'Select the workflow'.

In the create transmittal dialog, enter the Transmittal Code in the format 0001-XXXX-XX01-TRN-0001-A-P01.01 as specified, which breaks down into these components:

- 0001: A unique identifier for the Transmittal being created
- XXXX: The code representing the organization.
- XX01: Alpha Numeric Code for the current phase of the project.
- TRN: Indicates that this is a transmittal code
- 0001: The code for the department.
- A: The department revision identifier Viz., A - Architectural, C-Civil, S-Structural, M-Mechanical, P-Plumbing, E-Environmental etc.,
- P01: Revision Number
- 01: A suffix indicating that the issue is currently a work in progress

This format ensures that each issue can be tracked and referenced efficiently throughout its workflow process.

- Enter the description about the transmittal
- Select and assign a workflow for the transmittal that needs final clearance for execution/Procurement etc.
- Attach files or related documents enables to upload files from Krion6D Drive.
- Finally Click on **✓ Create** to successfully create a transmittal

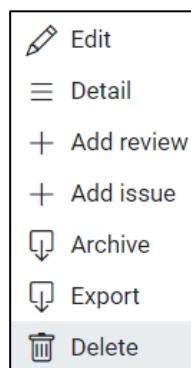
The screenshot shows a 'Create Transmittal' dialog box. At the top left is a blue button labeled 'Attach files'. Below it is a section titled 'Attachments' with a large empty rectangular area. At the bottom right are two buttons: a white 'Cancel' button with a small 'X' icon and a green 'Create' button with a checkmark icon.

Note:

1. When a transmittal is created all members in the workflow will get notified about the same.
2. A transmittal can be created as a review by toggling Create as review button if required

Actions on Transmittals

Once a transmittal is created it can be viewed in the transmittal list. Various actions can be performed on a Transmittal by clicking on : under the action's column.

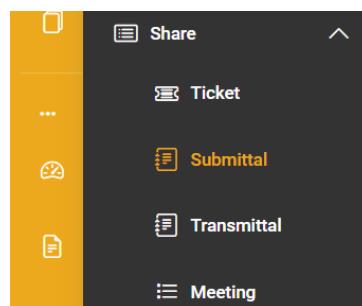


- Edit: Clicking on edit actions lets you edit a Transmittal
- Detail: To view the details in a transmittal
- Add Task: Enables you to go to Add Review tool where a related task can be created
- Add Issue: Enables you to go to Add Issue tool where a Issue can be created
- Archive: To archive the selected Transmittal
- Export: This lets you export a Transmittal as an Excel, PDF, or an email
- Delete: Delete a transmittal

Submittal

Submittals are a formal process employed to submit documents, materials, and equipment for approval from architects, engineers, clients, or other stakeholders involved in a project. Submittals ensure that the documents and equipments utilized in the project adhere to the project's specifications and requirements.

The Submittal tool can be accessed under the Share option under the projects from the navigation pane.



The Submittals tool in Krion 6D allows you to see a list of all Submittals along with details like the:

- Submittal code
- Title
- Type
- Recipients
- Due Date
- No of Documents
- Status

Submittal

< Projects > Submittal list

	Code	Title	Type	Recipients	Due Date	Docume...	Status	Action
<input type="checkbox"/>	0001-LLMN-XX...	First floor file	Plan	Project Approval	15 Apr 2024	1	Approved	⋮

Items per page: 10 | 1 of 1 pages (1 item)

Note: The submittals list can be filtered by the status and by user/user groups. The items to be displayed in the list can also be customized by selecting the columns drop-down menu.

Create Submittals

1. Click on to create a Submittal

The screenshot shows the 'Add Submittal' dialog box. At the top right, there is a note '(*) Required'. Below it, there is a toggle switch labeled 'Create as review'. The 'Code' field contains the value '0001-XXXX-XX01-SUB-0001-A-P01.01'. The 'Title' field is empty and labeled 'Enter title'. The 'Spec Section' dropdown menu is open, showing 'Select the spec section'. The 'Sub spec section' dropdown menu is also open, showing 'Enter sub spec section'. The 'Description' text area is empty and labeled 'Enter description'.

2. In the Create Submittal dialog, enter the Submittal Code in the format 0001-XXXX-XX01-SUB-0001-A-P01.01 as specified, which breaks down into these components:
 - 0001: A unique identifier for the Submittal being created
 - XXXX: The code representing the organization.
 - XX01: Alpha Numeric Code for the current phase of the project.
 - SUB: Indicates that this is a Submittal Code
 - 0001: The code for the department.
 - A: The department revision identifier Viz., A - Architectural, C-Civil, S- Structural, M-Mechanical, P-Plumbing, E-Environmental etc.,
 - P01: Revision Number
 - 01: A suffix indicating that the issue is currently a work in progress
 This format ensures that each issue can be tracked and referenced efficiently throughout its workflow process.
3. Enter a Title name for the Submittal
4. Select the Spec Section and Sub Spec section from the drop-down menu

5. Enter the description of the Submittal

Type *	Workflow *	Due Date *	
Select the type	Select the workflow	dd-mm-yyyy	
Priority *	Required Date*	Required approval date*	Required on job site date*
Select the priority	dd-mm-yyyy	dd-mm-yyyy	dd-mm-yyyy
Lead time (in days) *	Days		
<input style="width: 100%;" type="button" value="Attach packages"/> Packages <div style="border: 1px solid #ccc; height: 40px; margin-top: 5px;"></div>			
<input style="margin-right: 10px;" type="button" value="Cancel"/> <input checked="" style="background-color: green; color: white; border-radius: 5px; padding: 2px 10px;" type="button" value="Create"/>			

6. Select the type
7. Select and assign a workflow for the Submittal.
8. Enter the Due date, Priority, Required Date, Required Approval Date, Required on job site date and lead time (in days)
9. Attach Packages or related documents enable to upload files from Krion6D Drive.

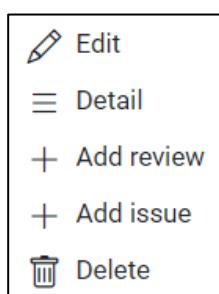
After filling all the mandatory fields marked in red, click on to successfully create a Submittal

Note:

1. When a submittal is created all members in the workflow will get notified about the same.
2. A submittal can be created as a review by toggling **Create as review** button if required

Actions on Submittals

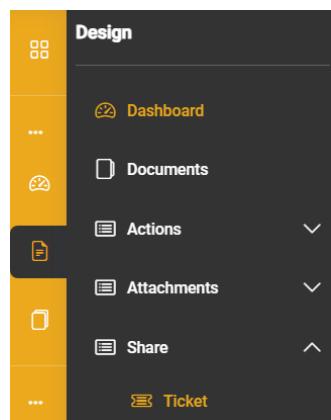
Once a submittal is created it can be viewed in the submittal list. Various actions can be performed on a Submittal by clicking on : under the Actions column.



- Edit: Clicking on edit actions lets you edit a Submittal
- Detail: To view the details in a submittal
- Add Task: Add Tasks enables you to Add Review tool where a related task can be created
- Add Issue: Add Issue enables you to Add an Issue too where an Issue can be created
- Delete: Delete a submittal

Tickets

Ticket tool in Krion 6D helps create a digital record to track and manage various tasks, issues, or requests raised during various stages in the project flow. Tickets tool in Krion 6D application can be accessed under Share from the navigation pane.



The tickets tool allows you to see a list of all tickets along with details like:

- Title
- Type
- Created by
- Start and Due date
- Status

Ticket

< Projects > Ticket list

Select the user Select the status

Ticket list

+ Add

	Code	Title	Type	Created By	Start Date	Due Date	Status	Action
<input type="checkbox"/>	0000-Kri...	Lighting not working	HAVC of second floor		22 Apr 2024	22 Apr 2024		
<input type="checkbox"/>	1000-AB...	Single Solar panel TYPE CHA...	HAVC of second floor	Team Manager	16 May 2024	16 May 2024	Requested	
<input type="checkbox"/>	0000-abc...	ticket 1	HAVC of second floor	Team Manager	24 May 2024	24 May 2024		

Drag a column header here to group its column

Search Columns

Remove

Items per page 1 of 1 pages (3 items)

Note: The ticket list can be filtered by the status and user/user groups. The items to be displayed in the list can also be customized by selecting the columns drop-down menu.

Create Ticket

- Click on **+ Add** to create a ticket
- In the create ticket dialog, enter the Ticket Code in the format 0001-XXXX-XX01-TKT-0001-A-P01.01 as specified. which breaks down into these components:

- 0001: A unique identifier for the Issue being created
- XXXX: The code representing the organization.
- XX01: Alpha Numeric Code for the current phase of the project.
- TKT: Implies that it is a ticket
- 0001: The code for the department.
- A: The department revision identifier Viz., A - Architectural, C-Civil, S- Structural, M-Mechanical, P-Plumbing, E-Environmental etc.,
- P01: Revision Number
- 01: A suffix indicating that the issue is currently a work in progress

This format ensures that each issue can be tracked and referenced efficiently throughout its workflow process.

- Enter a Title name for the Ticket

4. Enter the description of the Ticket
5. Select the Start Date and Due date
6. Enter the Type, Placement, and Root Cause of the ticket being raised
7. Select and assign a workflow for the Ticket.

Ticket

Projects > Ticket list > Add Ticket

Add Ticket

(*) Required

Create as review

Ticket Code *	(0001-XXXX-XX01-TKT-0001-A-P01.01)	Title *	
<input type="text" value="0001-XXXX-XX01-TKT-0001-A-P01.01"/>	<input type="text" value="Enter ticket title"/>		
Description *			
<input type="text" value="Enter description"/>			
Start Date *	Due Date *	Type *	Placement *
<input type="text" value="dd-mm-yyyy"/> □	<input type="text" value="dd-mm-yyyy"/> □	<input type="text" value="Select the type"/> ▼	<input type="text" value="Select the placement"/> ▼

Root Cause *	Workflow *	Location *	Estimate Cost *
<input type="text" value="Select the root cause"/> ▼	<input type="text" value="Select the workflow"/> ▼	<input type="text" value="Enter location"/>	<input type="text" value="0"/>
Actual Cost *			
<input type="text" value="0"/>			
Upload photos/images			
Attach files ▾ Drag and drop files or click here			

<input type="button" value="Attachments"/>		Cancel Create
--	--	--

8. Optionally estimate of Cost and Actual cost can be specified
9. Upload relevant documents supporting the ticket being raised if necessary
10. Attach Files option lets you add any files from Krion Drive, review list, RFIs, Issues, Transmittals, Submittals, BOM/BOQ, Form

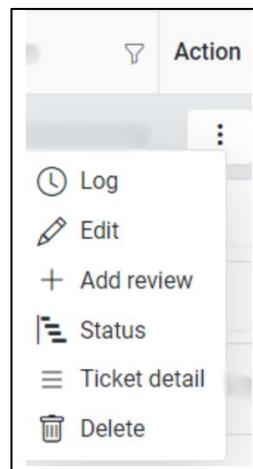
After filling all the mandatory fields marked in red, click on  to successfully create a Ticket. Once a ticket is created people in the workflow will get notified through an email.

Note:

1. When a ticket is created all members in the workflow will get notified about the same.
2. A ticket can be created as a review by toggling  Create as review button if required

Actions on Tickets

Once a ticket is created it can be viewed in the ticket list. Various actions can be performed on a Ticket by clicking on : under the action's column.



- Log: Clicking on the Log dialog lets you log the hours spent on a ticket.
- Edit: Clicking on edit actions lets you edit a Ticket
- Add Task: + Add Tasks takes you to the Add Review tool where a related task can be created
- Status: Shows the status of the tickets
- Ticket Detail: Lets you view all details of the ticket
- Delete: Delete a ticket

BOM/BOQ

BOM (Bill of Materials) and BOQ (Bill of Quantities) are essential documents in construction projects that help manage and track the materials, quantities, and costs associated with a construction project. Add BOM/BOQ tool in Krion 6D enables you add attach these documents related to a project. BOM/BOQ tool is available under the attachments in [Home > Projects > BOM/BOQ](#)

BOM/BOQ											
Home > Projects > BOM/BOQ											
BOM/BOQ list											
Remove					<input type="text"/> Search		Columns ▾				
Code	Title	Project Name	Created By	Status	+ Add						
0001-ASDF-XX01-BO...	ASDF Projects	LLMNTT Building	Final Approval	PROJECT DESIGNER	⋮						
0001-SSXA-XX01-BO...	SS project	LLMNTT Building	Project Approval	PROJECT DESIGNER	⋮						
0001-QQQQ-XX01-B...	QQQQ Project	LLMNTT Building	Project Approval	PROJECT DESIGNER	⋮						
0001-XXSX-XX01-BO...	S Project S	LLMNTT Building	Project Approval	PROJECT DESIGNER	⋮						
0001-XXXX-XX01-B...	Desk Tableqqq	LLMNTT Building	Project Designer	PROJECT DESIGNER	⋮						
« < 1 > »					Items per page						
1 of 1 pages (5 items)											

Note: The items displayed in the BOM/BOQ list can also be customized by selecting the columns drop-down menu. Search bar allows to search for a particular BOM/BOQ.

[Options ▾](#)

Allows a BOM/BOQ list to be uploaded/downloaded as an Excel.

Add BOM/BOQ

6. Click on [+ Add](#) to add a new BOM/BOQ
7. In the Add BOM/BOQ fill in the details as mentioned
 - Parent BOM can be selected for review which is related to the current BOM being created. This field is optional
 - BOM Code needs to be entered 0001-XXXX-XX01-BOM-0001-A-P01.01 in the required format which breaks down into these components:
 - 0001: A unique identifier for the BOM/BOQ being created
 - XXXX: The code representing the organization.
 - XX01: Alpha Numeric Code for the current phase of the project.

- BOM: Implies that it is a BOM/BOQ
- 0001: The code for the department.
- A: The department revision identifier Viz., A - Architectural, C-Civil, S-Structural, M-Mechanical, P-Plumbing, E-Environmental etc.,
- P01: Revision Number
- 01: A suffix indicating that the issue is currently a work in progress

This format ensures that each BOM/BOQ can be tracked and referenced efficiently throughout its workflow process.

- Enter the BOM item Name
- Select and assign a workflow for the and set the priority.
- Select the Unit of the material and Enter the Quantity
- Enter the Rate per unit In Figures and In Words and the Total
- Optionally enter Remarks and GUID if required
- Finally Attach the QR code file of the BOM/BOQ for reference.

BOM

(*) Required

Parent BOM	Code *	Name *	
Select the parent review	0001-XXXX-XX01-BOM-0001-A-P01.01	Enter BOM item name	
Workflow *	Priority *	Unit *	
Select the workflow	Select the priority	Select the unit	
Quantity *	Rate per unit (In Figure) *	Rate per Unit (In words) *	
Enter quantity	Enter in figure	Enter in words	
Total *	Remarks	GUID	Attach QR code file
Enter total	Enter remarks	Enter guid	<input type="file"/>
<input type="button" value="Cancel"/> <input type="button" value="Create"/>			

After filling all the mandatory fields marked in red, click on **Create** to successfully create a BOM/BOQ. Once a BOM/BOQ is created people in the workflow will get notified through an email.

Checklist

Checklists are created to track a construction project's quality, safety, and commissioning progress. Checklists can be worked on the field to keep a project on track. In the Krion 6D application Checklist tool is available under the Attachments in

[Home](#) > [Projects](#) > [Check list](#)

Code	Title	Created By	Action
CHK02	Drawing Checklist		⋮
1234-XXXX-XX01-RVW-0001-A-P01.02	Foundation		⋮

A checklist will have a

- Code: Unique ID given to a checklist
- Title: The name of the Checklist
- Created by: User who created the checklist

Note: The items to be displayed in the Checklist can also be customized by selecting the [Columns](#) drop-down menu.

A checklist can be created by uploading it manually as an Excel sheet by entering all the details as per the sample Template. Clicking on [Options](#) allows you to download a sample checklist, and upload the Excel file once the items have been manually entered

Another way to create a checklist is by clicking the Add button and filling up the details directly on the Krion6D tool.

Creating a New Check List

To create a new Checklist, click on [+ Add](#) and fill the details in the CheckList dialog

- Code: Enter Checklist Code
- Title: Enter the title name for the checklist
- Checklist Items:
 - Name: Enter the name of a Checklist Item
 - Category: Select the category to which the checklist belongs or create a new category item by typing in.
 - Priority: Priority of High, Medium, or Low can be set of the Item
 - Description: Describe the checklist item
- Finally, click [✓ Create](#) to create a Checklist successfully

Check List

Home > Projects > Check list > Add Check list

Add Check list (*) Required

Code * Title *

Checklist item:

Name * Category * Priority *

Description *

+ Add Row

Note: To add more checklist items in the same Checklist, click Add row.

Actions on a Check list

Once a Checklist is created it can be viewed in the list. Various actions can be performed on a Checklist by clicking on ⋮ under the Actions column.

- Edit: Clicking on edit action lets you edit a Checklist
- Add Task: + Add Tasks opens to the Add review tool where a related task can be created
- Add Issue: +Add Issue opens to the Add an Issue tool where an Issue can be created
- Delete: Delete a Checklist

Workflow

Workflows are an important feature that helps in streamlining the approval process for Documents, RFIS, Issues, BOMs/BOQs etc.

Workflows tool in Krion6D is available under Sett > Projects > Workflow List

The screenshot shows the 'Workflow List' page. At the top, there is a breadcrumb navigation: Home > Projects > Workflow List. Below the header, there is a search bar with a placeholder 'Search' and a 'Columns' dropdown menu. A green button labeled '+ Add Workflow' is located in the top right corner. The main area contains a table with the following columns: Name, Approval Type, Notes, Status, Workflow Category, and Action. The table lists five workflow entries:

Name	Approval Type	Notes	Status	Workflow Category	Action
Design Review	3 step approval	Design review flow	Active	document	
Document Workflow	2 step approval	Document Workflow	Active	document	
Design Workflow	4 step approval	The Final clearance copy of the document ha...	Active	process	
Forms and others	3 step approval	Form submission	Active	process	
Archival	3 step approval	Archival	Active	process	

Note: The items displayed in the Workflow list can also be changed by selecting the columns drop-down menu. Search bar allows to search for a particular workflow.



Creating a Workflow

To create a new workflow, click on . Add workflow dialog opens where we must fill in the details.

Note: Before creating any workflow, the workflow should be assigned to any one of the categories viz., Process or Document.

The screenshot shows the 'Workflow List' page. At the top, there is a breadcrumb navigation: Home > Projects > Workflow List. Below the header, there is a search bar with a placeholder 'Search' and a 'Columns' dropdown menu. A green button labeled '+ Add Workflow' is located in the top right corner. The main area contains a table with the following columns: Name, Approval Type, Notes, Status, Workflow Category, and Action. The table has a message 'No records to display'. In the top right corner of the table area, there is a dropdown menu titled 'Select the category' which shows two options: 'process' and 'document', with 'document' being highlighted. At the bottom of the page, there is a pagination section with buttons for navigating through pages and a dropdown for 'Items per page' set to 10, and a message '0 of 0 pages (0 item)'.

General Info

General info:

Select Steps *	One Step Approval
Name *	Enter the name
Description *	Enter the some description
Workflow Category *	Select Category
Status *	Active

- Select steps of approval to be setup in the workflow. The following options are available
 - One Step Approval: A single approval step.
 - Two Step Approval: A review step and an approval step.
 - Three Step Approval: Two review steps and an approval step.
 - Four Step Approval: Three review steps and an approval step.
 - Five Step Approval: Four review steps and an approval step.
- Name: Enter a name for your workflow
- Description: Enter some description of your workflow.
- Workflow Category: This can be set to document workflow or process workflow
- Status: Select status as Active/Inactive for the Workflow

Steps

The Steps section specifies the details for each step in the workflow:

Step 1:

Step name *	Initial Review	Time allowed *	3	Calendar Dc
Reviewers *	<input type="checkbox"/> Email Select users Select user groups <input type="text"/> Search user			
Description	Enter the some description			
<input checked="" type="radio"/> Every member must review <input type="radio"/> Minimum number of reviewers required				

- Step Name: Enter a name for the step E.g.: Initiator, Approver etc.
- Reviewers: Add the reviewers for the step by selecting a user or a user groups
- Time allowed: Specify the time allowed for each step. You can also select either calendar days or work days (fixed at Monday to Friday).
- Description: Enter some description related to the step
- Select one of the options between Every member must review or Minimum number of reviewers required
- Click on Email if the reviewers of the workflow have to be notified via Email.

Note: Based on the Number of steps selected in the General Info each step, you must enter the Step name, Reviewer Type and Time allowed and other details

Workflow Notes *

You may add a customised note or disclaimer that will be visible to all reviewers on the review details page.

Workflow notes: Optionally, add a custom note, such as a disclaimer, which will be visible to all reviewers.

Finally, click on **✓ Create** to finish creating a workflow.

Edit/ Delete a Workflow

From the workflow list Select a workflow by clicking on the check box and then Clicking on **:** under Action to Edit or Delete a workflow.

Workflow List

Name	Approval Type	Notes	Status	Workflow Category	Action
Design Review	3 step approval	Design review flow	Active	document	
Document Workflow	2 step approval	Document Workflow	Active	document	

Forms

The Forms tool in Krion6D enables anyone on the job to fill out, review, and manage project forms securely. This provides a single secure point of reference and a way to coordinate data collection, images, and follow-up documents.

Krion 6D comes with a set of preconfigured form templates. However, you can also import templates or create a brand-new template.

In the Krion 6D application Forms tool is available under the Attachments in

[Projects > Form list](#)

The screenshot shows the Krion 6D application interface. On the left is a vertical sidebar with icons for Dashboard, Documents, Actions (Review, Issues, RFI), and Attachments (Form). The main area has a header 'Form' and a breadcrumb 'Projects > Form list'. Below the header are two search/filter boxes: 'Select the user' and 'Select the status'. A green 'Add' button is located in the top right of the main area. The main content area is titled 'Form list' and contains a table with columns: Form ID, Description, From Date, Location, Status, and Action. The table shows one record: 'Common Form'. The table includes a search bar and a 'Columns' dropdown. At the bottom, there are pagination controls (first, previous, next, last) and a note 'No records to display'.

Note:

1. Forms can be Selected by user or user groups and by Status from this tool placed on top of the Form List

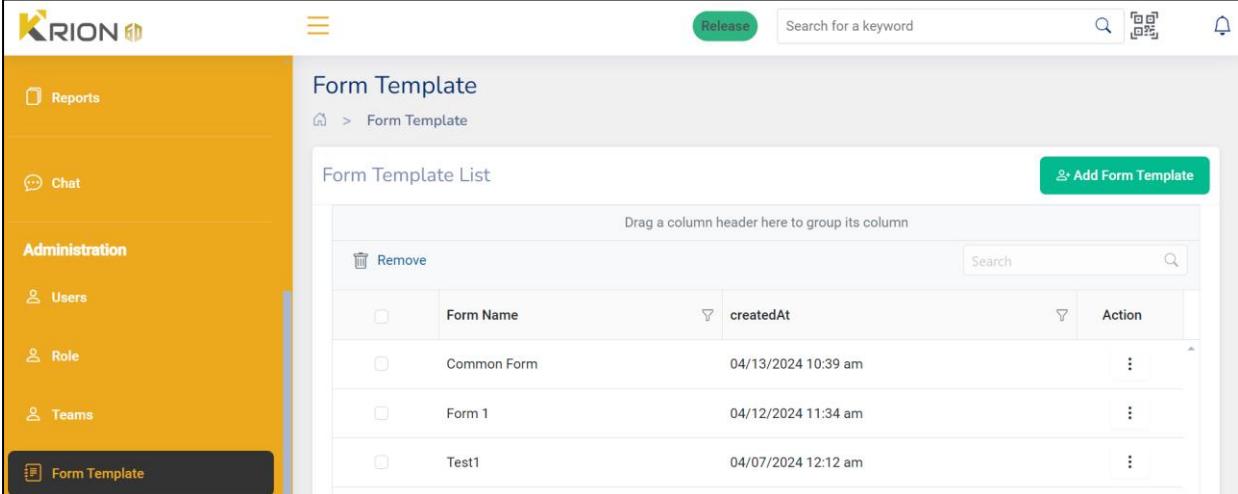
Select the user Select the status

2. Forms list can also be filtered using tool in each column

Create Form Templates

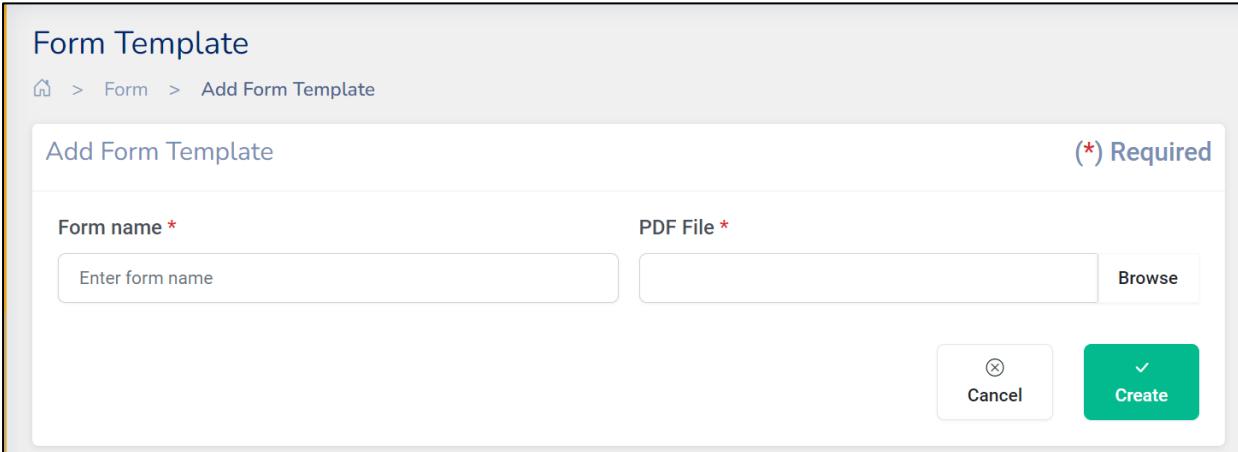
The Krion 6D application lets you use the preconfigured templates in the Forms tools. However, setting up your own custom form templates will give you and your team more control over your forms.

You can create a form template by navigating to Form Template available under Administration



The screenshot shows the Krion 6D application interface. On the left, there is a sidebar with the following navigation items: Reports, Chat, Administration (with sub-options: Users, Role, Teams), and Form Template (which is highlighted). The main content area has a header "Form Template" and a breadcrumb "Home > Form Template". Below this is a section titled "Form Template List" with a sub-section "Form Template List". A table displays three existing form templates: "Common Form" (created at 04/13/2024 10:39 am), "Form 1" (created at 04/12/2024 11:34 am), and "Test1" (created at 04/07/2024 12:12 am). A green button labeled "Add Form Template" is visible on the right side of the table.

To Add a new form template, click on **Add Form Template**. Add Form template dialog will open where we can enter Form Name and the PDF file can be uploaded by clicking on Browse. Once the file is uploaded click on create.



The screenshot shows the "Add Form Template" dialog box. At the top, it says "Form Template" and "Add Form Template". Below this, there are two input fields: "Form name *" with a placeholder "Enter form name" and "PDF File *" with a "Browse" button. At the bottom right are two buttons: "Cancel" and "Create". A note "(*) Required" is positioned above the "Create" button.

Add, fill out, and submit Forms

1. Navigate to the Forms tool under Projects.
2. Select the template you'd like to use, here we are choosing "Covid1 Safety Checklist" template

The screenshot shows the KRION Forms interface. On the left, there's a sidebar titled 'FORMS' with three items: 'Common Form', 'Covid 19 Safety Check' (which is highlighted in blue), and 'Daily report'. To the right is a main area titled 'Form list' with a table header. The table has columns for 'Remove', 'Search', and 'Columns'. A green button labeled '+ Add' is located at the top right of the table area. Above the table, there are two input fields: 'Select the user' and 'Select the status' with a dropdown arrow.

3. After you select the template click on **+ Add**. The form dialog in the show up where you can fill the form as per the instructions
4. All form will have the basic details to be filled like:
 - Form Date
 - Due Date
 - Location
 - Workflow
 - Description

The screenshot shows the 'Form' dialog for the 'Covid 19 Safety Checklist' template. At the top, there's a breadcrumb navigation: Home > Projects > Form List > Covid 19 Safety Checklist. Below that is a title bar with 'Form' and '(*) Required'. The main area is titled 'Form Details' and contains four required fields: 'From Date *' (with a date input field 'dd-mm-yyyy'), 'Due Date *' (with a date input field 'dd-mm-yyyy'), 'Location *' (with a text input field 'location'), and 'WorkFlow *' (with a text input field). Below these fields is a 'Description' section with a large text input area.

5. The form dialog for “Covid19 Checklist” here has radio buttons to fill

General

Total number of workers on the jobsite

Issues Photos Notes

Is there a designated illness monitor on site?
 Yes No NA

Issues Photos Notes

If not, are workers trained on how to recognize COVID-19 symptoms & prevent infection transmission?
 Yes No NA

6. Fill out all the sections in the form and click on Submit

Are negative pressure systems installed when appropriate for the jobsite setting?
 Yes No NA

Issues Photos Notes

Notes

Notes

7. Form templates can also have fillable PDFs like the Drywell RFI shown below

Drywall RFI

K < > 1 of 1 98% Download

**QUALITY INSPECTION RECORD FOR IN-PROCESS SUPERVISION
- REQUEST FOR INSPECTION FORM**

JOB REF : 1-ADDP/ PROJECT : PROPOSED	CONTRACT NO. :
Work Trade : DRY PARTITION WALL INSTALLATION	
Main Contractor :	
Dry Wall Applicator :	
LOCATION OF INSPECTION BLOCK :	UNIT NO. :
Signature, Date & Time of Inspection Form submitted : Sign	Signature, Date & Time of Inspection Form received : Sign
Inspection Request No. :	
ITP Reference No. :	

Note: Forms allow to add of signatures and notes at the end of each section

Signature

+ Signature

Notes

Signature Dialog allows you to enter your name and signature

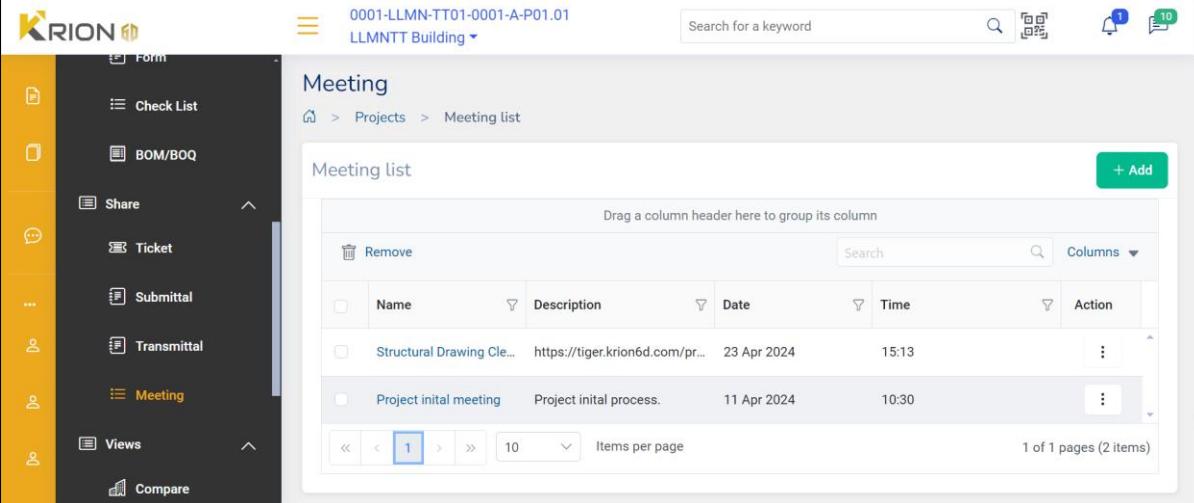
Signature

Name

Clear Cancel Save

Meetings

The meetings tool in Krion 6D helps in collaborating within project teams. The tool helps create meetings with required attendees and helps take notes/minutes of important points. It also allows necessary files to be added about the meeting. The meetings tool in Krion6D can be found under Share  > Projects > Meeting list



The screenshot shows the Krion 6D software interface for managing meetings. On the left, there is a vertical sidebar with various project management tools: Form, Check List, BOM/BOQ, Share, Ticket, Submittal, Transmittal, Meeting (which is highlighted in yellow), Views, and Compare. The main workspace is titled "Meeting" and shows a "Meeting list". At the top of the list area, there is a search bar with the placeholder "Search for a keyword" and a green "+ Add" button. Below the search bar is a table with columns: Name, Description, Date, Time, and Action. Two meeting entries are listed:

Name	Description	Date	Time	Action
Structural Drawing Cle...	https://tiger.krion6d.com/pr...	23 Apr 2024	15:13	⋮
Project initial meeting	Project initial process.	11 Apr 2024	10:30	⋮

At the bottom of the list, there are navigation buttons for page 1 of 1, showing 2 items per page. The overall interface is clean and modern, with a light gray background and orange accents for the sidebar and selected menu item.

The Meeting list shows:

- Name of the meeting
- Description
- Date
- Time

Add Meeting

To create a meeting, click on  from the meeting list tool.

Enter the following details as mentioned in the dialog:

- Name: Enter the meeting name
- Date: Enter the date of the meeting or use the date tool
- Time: Enter the meeting time or use the tool to select the time
- Duration: Enter the duration in hours and minutes
- Description: Enter the meeting description like the agenda of the meeting or paste links for virtual meetings

Meeting

Home > Projects > Meeting list > Add Meeting

Add Meeting

(*) Required

Name *

Enter title

Date *

dd-mm-yyyy

Time *

--:-

Duration *

Hours

hr

Minutes

min

Description *

Enter description

- Notes: Enter notes of the meeting and to add more notes click on Add Notes
- Participants: Enter the meeting Attendees by searching from Select Users or Select User Groups pertaining to the projects

Notes

Add Notes

Enter notes



Participants

Select users

Select user groups

Search user

- Upload Files Attachments: Enables you to upload any files related to the meeting agenda

Upload File Attachments

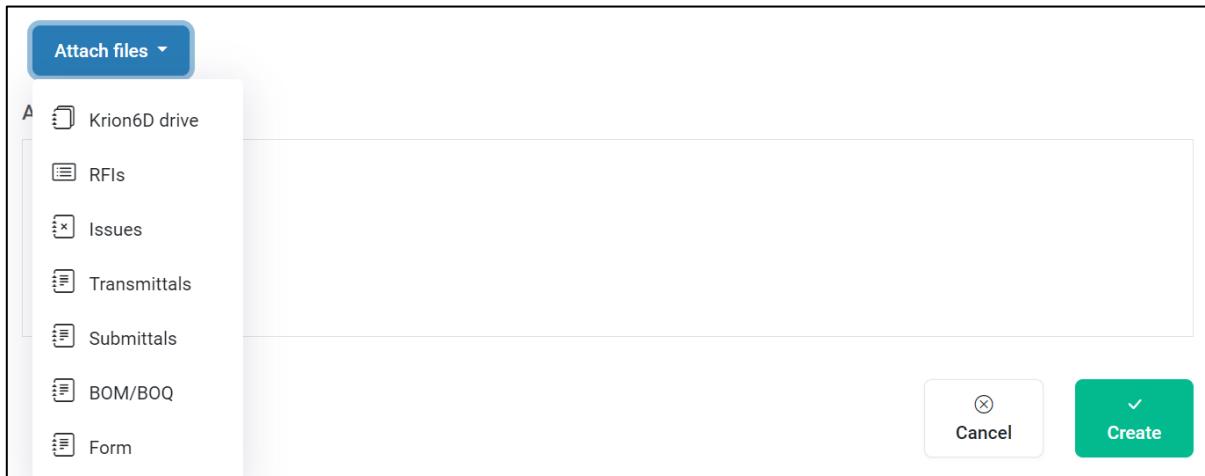


Drag and drop files

or click here

- Attach Files: Enables you to attach files from Krion6D, RFIs, Issues, Transmittals, Submittals, BOM/BOQ or Forms pertaining to the project

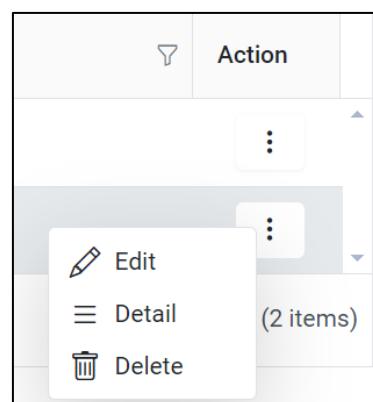
Finally click create to finish creating the meeting.



Actions on Meetings

Meetings can be retrieved by searching through the list and the columns displayed in the meeting list can be customized by selecting the required fields.

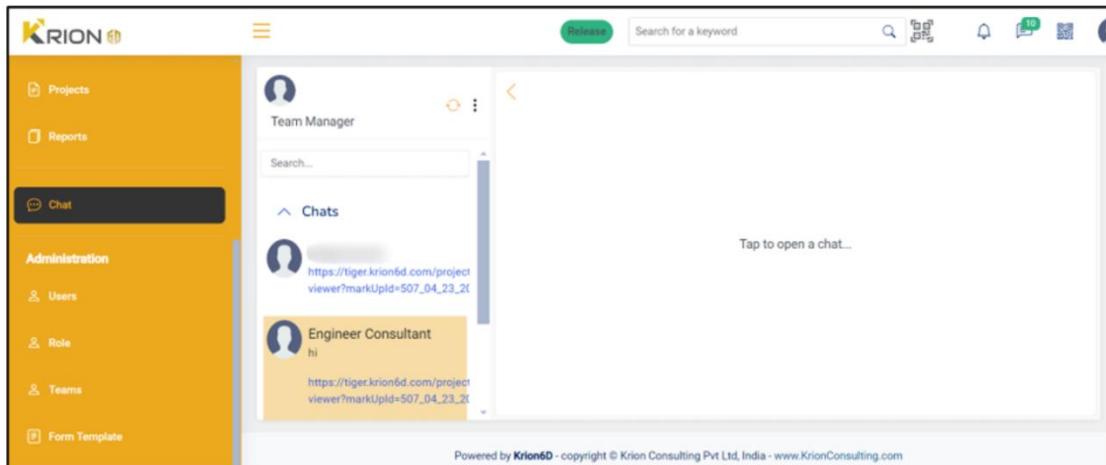
By clicking on : under the action column we can Edit, view details, or delete a meeting



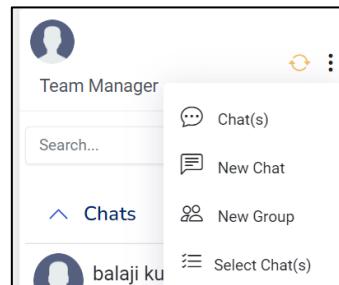
Note: The URL link of the meeting can also be attached to Review, Issue, RFI, etc., if required

Chats

Chat tool in Krion6D application helps instantly connect with your organization's team members. Chat tool can be found in the navigation pane above the Administration tools



Chat tool in Krion 6D enables you to Chat with individual users or with a group of users. Clicking on the shows options to open existing Chat(s) or start a New Chat.



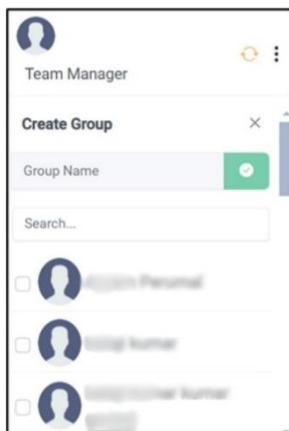
Shows all the previous chats of the user

Start a new chat with a user



To Create a new Chat Group

A new chat group can be created by selecting New Group. Enter a Group Name for the chat group and select the users to be added from the list or use the search tool.



Select chats shows the list of previous chats to be selected and start a chat

Reports

Krion6D application lets you create various reports in the Reports tool. The tool provides a central location for project members to view and share reports. With Reports, project members can communicate important project data and distribute this data among the people who need it most.

The reports tool can be accessed under the Design section from the navigation pane.

Project Report:

This report lists the list of various projects under your organization.

Project report

Drag a column header here to group its column

Excel Export | Search | Options ▾ | Columns ▾

C...	Name	Zero Date	Design...	Catego...	Owner	Location	Status
0002-...	Multistorey Buil...	21 Apr 2024	Residential b...	PRIVATE		Chennai, Tam...	In Progress
0001-...	CDD Demo proj...	08 Mar 2024	Architectural ...	Design		CHENNAI, Ta...	In Progress

Project Log Report

Project log report references to each project's log details.

Reports > Reports > Projects Log report

Project Log report

Drag a column header here to group its column

Excel Export | Search | Options ▾ | Columns ▾

Activity Id	Project Name	Entity	Entity Id	Description	module	Type
5677	CDD Demo project	checklist	69	created checklist ...	design	Checklist created
5676	Project name test 1	issue	104	updated issue	design	Issue updated
5674	Project name test 1	issue	104	created issue with ...	design	Issue created

Reports > Reports > Documents report

Document report

Drag a column header here to group its column

Excel Export | Search | Options ▾ | Columns ▾

Project	Code	Name	Version	Size	Last Updated	Updated By	Status
CDD Demo project	76		1.0	308 kb	04/06/2024	Team Manager	Workflow-1
Krion Construction Site			1.0	0 kb	25/05/2024	Team Manager	N/A
CDD Demo project	71		1.0	556,084 kb	24/05/2024	Team Manager	Workflow-1

Transmittals Report

Displays a list of all transmittals under all the projects in your organization

Transmittal report							Options ▾				
Drag a column header here to group its column							Search	Columns ▾			
Excel Export											
Project Name	Y	Name	Y	Revision	Y	State	Y	Vault Folder	Y	Date Version Created	Y
CDD Demo project		Arch Multi-Category Schedule.xlsx	3.0					Vault link		05/23/2024 16:23 PM	
CDD Demo project		Snowdon Architectural_version1 ...	3.0					Vault link		05/16/2024 16:52 PM	
CDD Demo project		Snowdon - Floor Plan - L1 mm.pdf	2.0					Vault link		04/26/2024 16:04 PM	

System File report

This report displays a list of all drawing files of all the projects

System File report							Options ▾		
Drag a column header here to group its column							Search	Columns ▾	
Excel Export									
File Name	Y	Extension	Y	Revision	Y	State	Y	Last checked in	Y
Snowdon Towers Sample Architectural - ...		dwf		1.0				06/05/2024 14:46 PM	
Snowdon Towers Sample Architectural - ...		dwg		1.0				06/05/2024 14:44 PM	
Snowdon Towers Sample Architectural - ...		dwf		1.0				06/05/2024 14:43 PM	
Krion_6D_ReviewDoc.pdf		pdf		1.0				06/04/2024 13:52 PM	

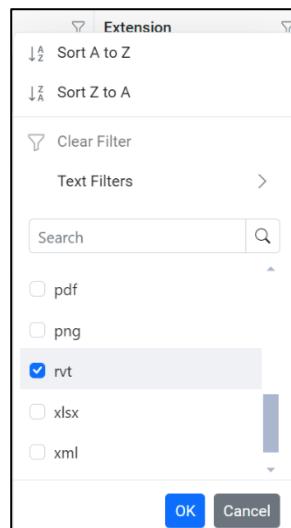
Review Report

Review report							Options ▾								
Drag a column header here to group its column							Search	Columns ▾							
Excel Export															
Code	Y	Name	Y	Start Date	Y	End Date	Y	Priority	Y	Parent Code	Y	Parent Task	Y	Status	Y
2324-XXXX-XX01-R...		check task		06/05/2024 05:30 ...		06/06/2024 05:30 ...		Medium		0001-XXXX-XX01-I...		23093			
0001-XXXX-XX01-R...		hhjkhkjh		05/08/2024 05:30 ...		06/02/2024 05:30 ...		High		0001-XXXX-XX01-I...		Form 1			
0001-XXXX-XX01-R...		Testerera		05/23/2024 05:30 ...		05/23/2024 05:30 ...		Low		0001-XXXX-XX01-I...		Testerr			

Note:

- Columns displayed in the report can be customized by clicking on **Columns ▾**
- Report list can be filtered by clicking on

For example, if you want to filter .rvt files (Revit Files), click on the filter button of the Extension column and check on rvt.



- Report entries can also be grouped by dragging and a column to the space provided, as shown below

Here the project report has been grouped by Category column. One or more columns can be grouped using this tool.

Create a Custom Report Template

Custom Report tool lets you create customized reports to generate data relevant to your project. Custom Report can be accessed from the reports list

Reports

Home > Reports > Custom report

Custom Report List

Drag a column header here to group its column

	Rep...	Report Name	Project Name	Report Type	Action
<input type="checkbox"/>	5	Overall		user	⋮
<input type="checkbox"/>	3	Test	Test - 01, SampleProject1, Test - 02, test	ticket	⋮

+ Add

To create a new custom report, click on **+ Add**, the custom report dialog will open

Custom Report

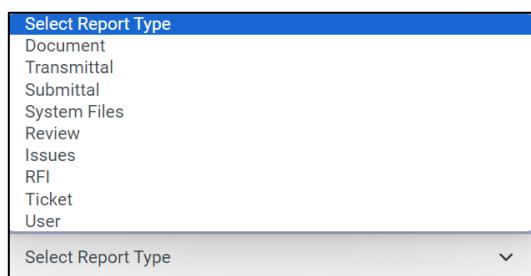
Home > Reports > Custom Report List > Custom Report

Custom Report (*****) Required

Report Name *	Project Name *
<input type="text" value="Enter Report Name"/>	<input type="text" value="Select project"/>
Report Type *	Display Columns *
<input type="button" value="Select Report Type"/>	<input type="text" value="Select Columns"/>

Cancel Submit

1. Report Name: Enter a report name
2. Project Name: This field can be selected from the list of projects that your organization is working on
3. Report Type: Choose a report type from the available list of reports



4. Display Columns: Once a report is selected from report type all the fields from that report will populate in the display column. Choose the fields that you want in your report. Repeat this by selecting another report from where more columns of data for your reports need to be taken.

5. After selecting all the necessary columns click on **Submit** to finish creating a template for a custom report.

Generate Report

To Generate a report for the custom report created click on the designed template from the Reports list.

Click on either **Excel Export** or the Options tool to download the report as an Excel file

3D Viewer Interactive tools

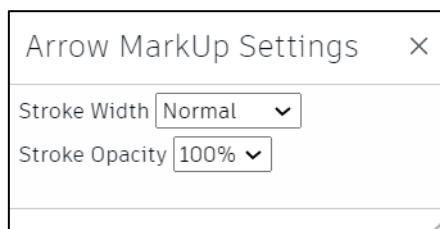
There are many tools available in the Krion 6D application to interact with the 3D Model/drawings.



Details of the tools:

- Select: Choose specific elements or areas within the drawing for closer inspection or manipulation.
- Orbit: Rotate the viewpoint around the drawing to view it from different angles and perspectives.
- Pan: Move the view horizontally or vertically to explore different parts of the drawing without altering the zoom level.
- Zoom: Magnify or reduce your view of the drawing to focus on details or see the bigger picture.
- First Person: Navigate the drawing from a first-person perspective, simulating walking through the model. When we click on first person view various options to use along with shortcut keys will be displayed
- Camera Interactions: Manipulate the camera settings to change viewing angles and perspectives dynamically. This tool has various options:
 - Roll: Adjusts the orientation of the camera view by rotating it around its axis. This feature is useful for achieving precise angles or for aligning the view with specific elements in the model.
 - Focal Length: Changes the focal length of the camera, altering the perspective of the view. Increasing the focal length narrows the field of view, resulting in a zoomed-in appearance, while decreasing it widens the field of view, providing a broader perspective.
 - Fit to View: Automatically adjusts the camera settings to fit the entire model within the current view window. This feature ensures that the entire model is visible without the need for manual adjustments, making it easier to navigate and work with large or complex models.
- Measure: Calculate distances and dimensions within the drawing to verify accuracy and scale.
- Section Analysis: Cut through the drawing at specified planes to examine internal structures and layouts. The various options in section analysis are:

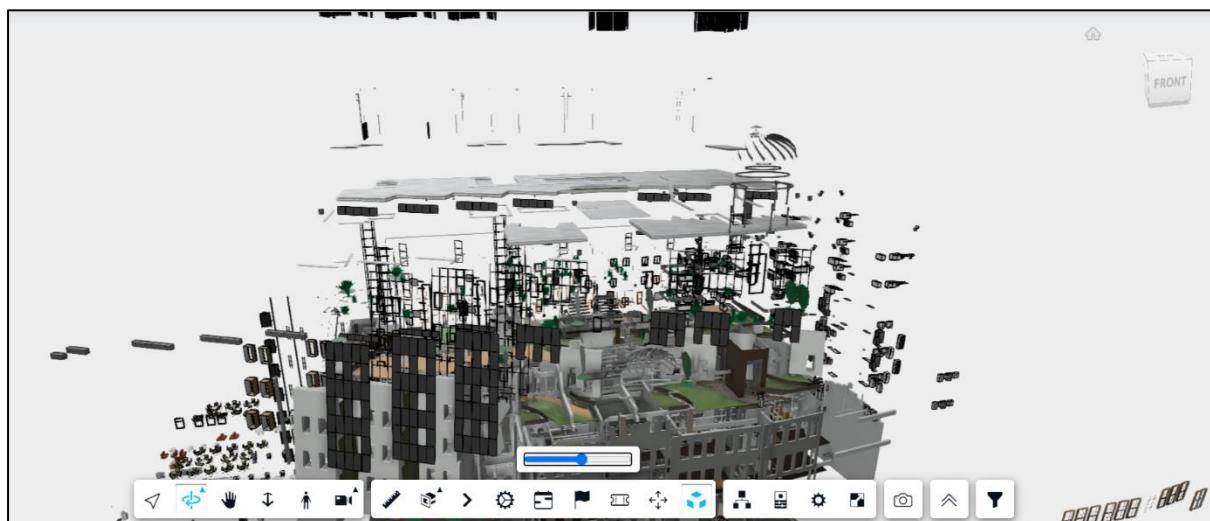
-  Add Box: Defines a rectangular box within the model to create a section cut, allowing users to analyze specific areas in detail.
-  Add Z Plane: Inserts a vertical plane across the model, enabling users to create a section cut perpendicular to the Z-axis, revealing internal details along that plane.
-  Add Y Plane: Inserts a horizontal plane across the model, facilitating the creation of a section cut perpendicular to the Y-axis, exposing internal components along that plane.
-  Add X Plane: Inserts a vertical plane across the model, facilitating the creation of a section cut perpendicular to the X-axis, revealing internal features along that plane.
-  Markup: Annotate the drawings with notes, symbols, or sketches to provide feedback or highlight important features. Various Markup Options are as below:
 -  Arrow Markup
 -  Cloud Markup
 -  Dimensions Markup
 -  Ellipse Markup
 -  Freehand Markup
 -  Label Markup
 -  Polyline Markup
 -  Rectangle Markup
 -  Close



All the markups have settings for changing the Stroke Width and Stroke Opacity

-  External Data: Incorporate additional data from external sources into the drawing for enhanced analysis and comparison.

-  Timeline: Review the progression of the project stages and changes over time through a chronological display.
-  RFI/Issues: Track and manage Requests for Information and other issues directly within the project environment. While analysing and viewing models if there are any issue found, Issue or RFI can be created by marking the item in the model itself.
-  Ticket Creation: Generate and assign tickets for tasks or issues that need attention, facilitating project management.
-  Model Placement: Position and orient models within the project environment to ensure they fit into the overall design.
-  Explode Model: Break down the model into its constituent parts for a detailed examination of its construction.



Note:  This button can be used to increase/decrease the exposure level of each item.

-  Model Browser: Navigate through a list or hierarchy of all model elements, making it easier to locate specific components.



Model Browser dialog box lists down all the elements of the 3D model which can be viewed individually by clicking on  button.

-  Properties: View and edit properties and metadata of selected elements or the overall drawing.



-  Settings: Adjust the configuration of the 3D viewer tool to suit project needs or user preferences.

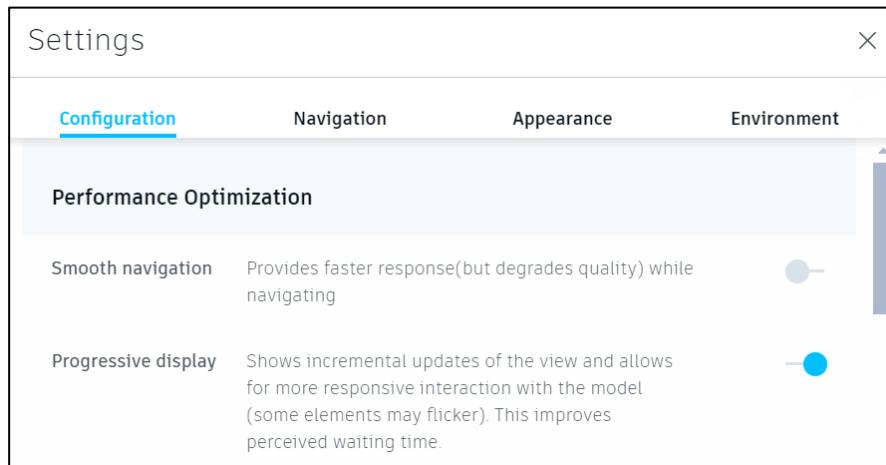
There are various settings available in the tool for Viewing the 3D model

Note:

- Settings can be restored to default by clicking on [Restore all default settings](#)
 - Settings dialog can be resized to view all the options.
- Configuration Settings Customize various parameters and preferences within the 3D viewer to tailor the user experience according to specific requirements or preferences including Performance Optimization, Display, and Selection.

Various options under Configuration settings are:

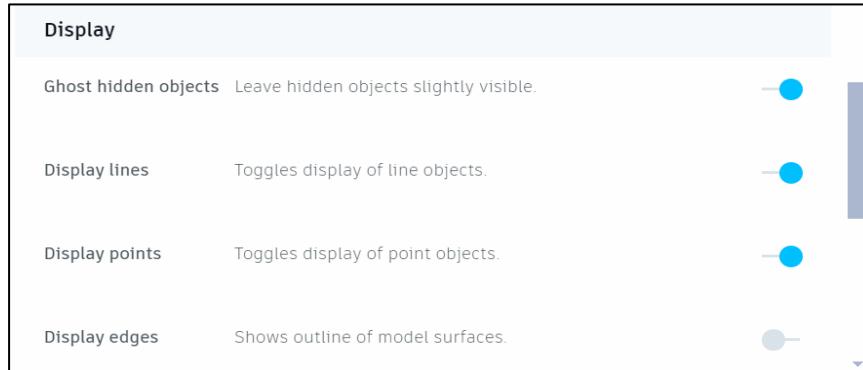
- Performance Optimization: The various options under these settings can be toggled on/off.



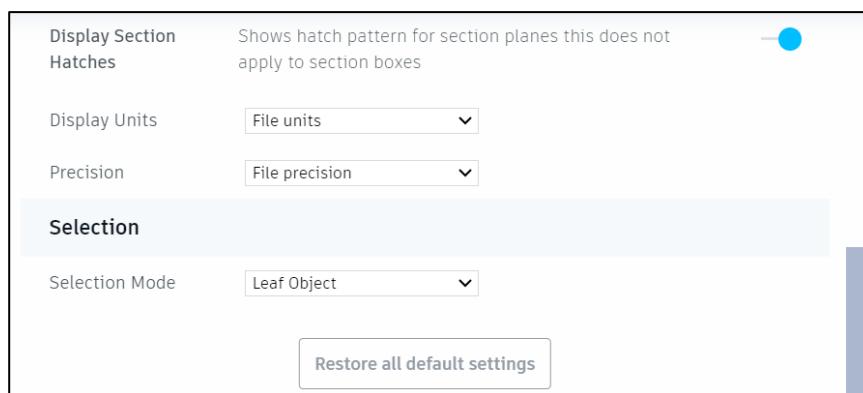
- Smooth Navigation: Provides faster response (but degrades quality while navigating)
- Progressive display: Shows Incremental updates of the view and allows for more responsive interaction with the model (some elements may flicker). This improves perceived waiting time

- o Display

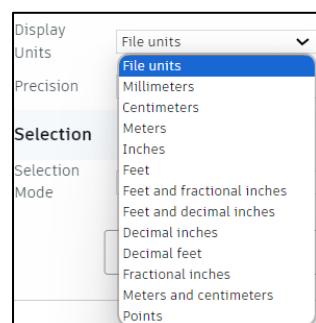
- Ghost hidden objects: Leave hidden objects slightly visible
- Display lines: Toggle display of objects
- Display Points: Toggle display of point object
- Display Edges : Show outline of model surfaces



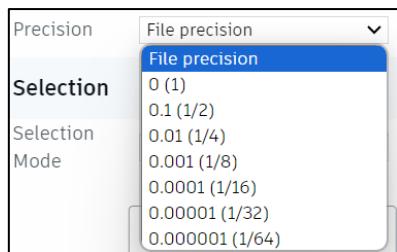
- Display section Hatches:



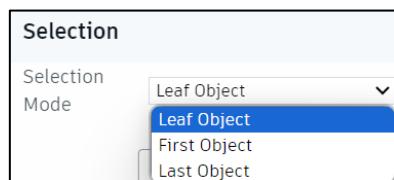
- Display units: Can be selected from the drop down



- Precision: Display precision can also be selected from the options



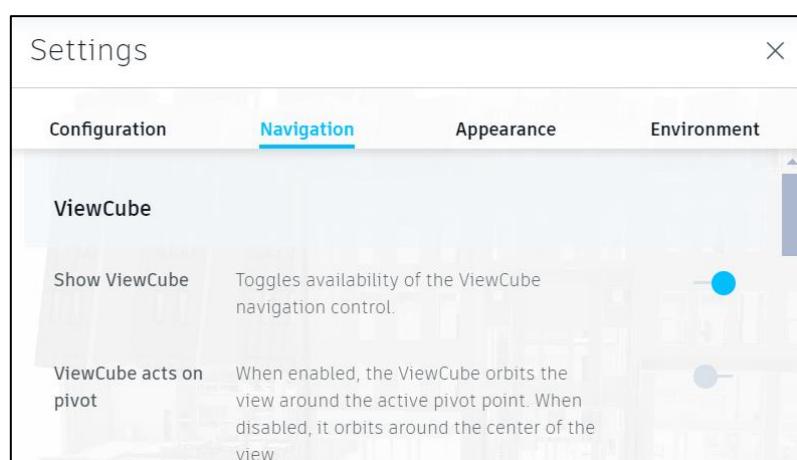
- Selection Mode can be selected from the list



- Navigation Settings Adjust the controls and options related to navigating through the model or drawing, such as mouse sensitivity, keyboard shortcuts, or navigation modes.

View Cube

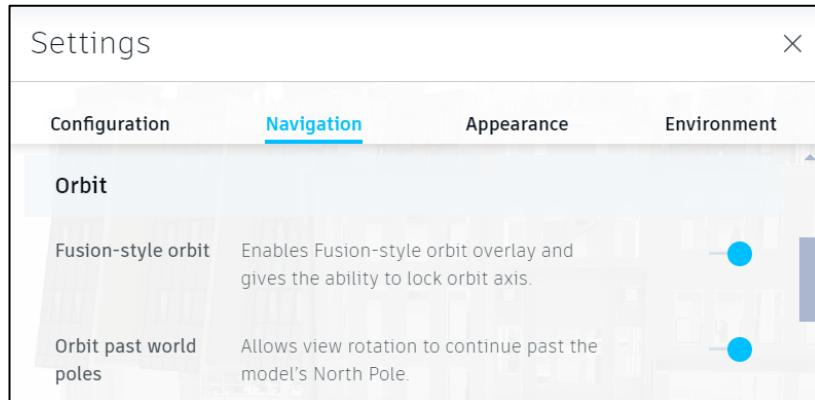
- Show view Cube: Toggles the availability of the view cube navigation control
- View Cube acts on Pivot: When enabled, the View Cube Orbits the view around the active pivot point. When disabled, it orbits around the center of the view.



Orbit

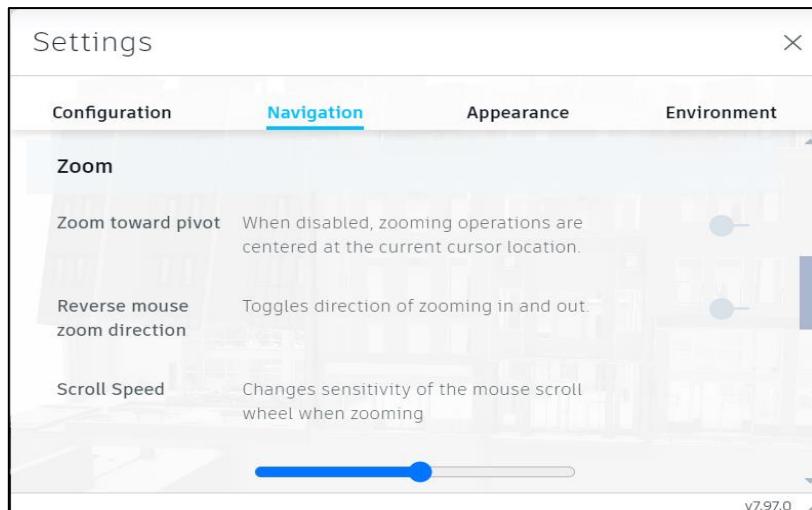
- Fusion-Style Orbit: Enables Fusion-Style orbit overlay and gives the ability to lock orbit axis

- Orbit past world poles: Allows view rotation to continue past the model's North Pole



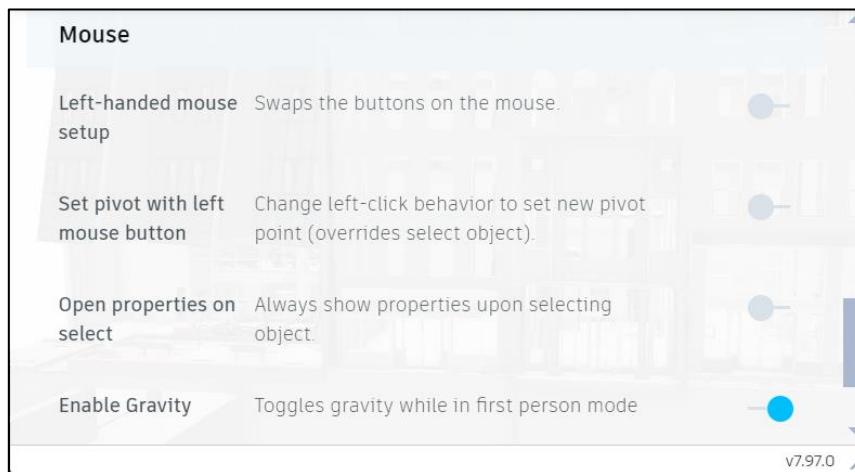
Zoom

- Zoom toward pivot: When disabled, zooming operations are centered at the current cursor location
- Reverse Mouse zoom direction: Toggles direction of zooming in and out
- Scroll Speed: Changes the sensitivity of the mouse scroll wheel when zooming
- Drag Speed: Changes sensitivity of mouse movement with the Zoom tool



Mouse

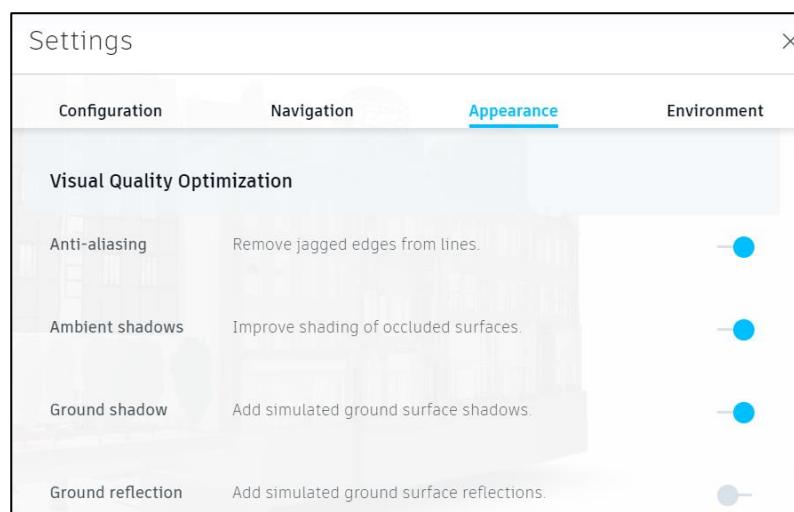
- Left-handed mouse setup: Swaps the buttons on the mouse setup
- Set Pivot with left mouse button: Change left-click behaviour to set new pivot point (Overrides select output)
- Open Properties on Select: Always show properties upon selecting an object
- Enable Gravity: Toggles gravity while in first-person mode



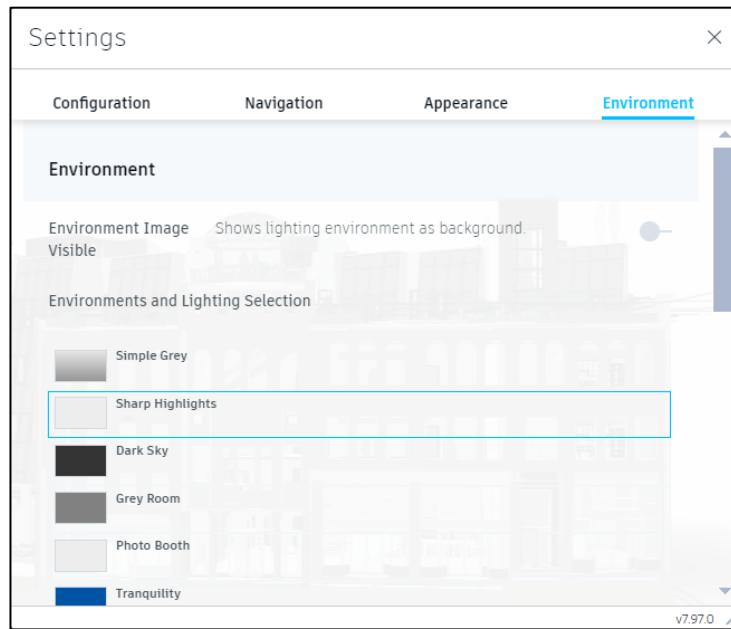
- Appearance settings Modify the visual presentation of the model or drawing, including options for Shadows, rendering quality, and display settings to optimize visualization.

Visual Quality Optimization

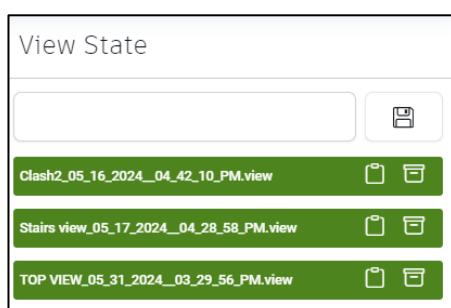
- Anti-Aliasing: Remove jagged edges from the lines
- Ambient Shadows: Improve Shading of Occluded surfaces
- Ground Shadow: Add simulated ground surface shadows
- Ground Reflection: Add simulated ground surface reflections



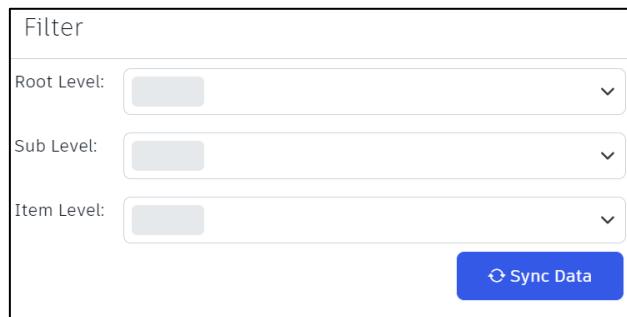
- Environment settings Configure environmental factors affecting the model, such as lighting conditions, background settings, ambient effects, and other environmental elements to simulate real-world conditions or enhance visualization.



- Environment Image Visible: Shows lighting environment as a background
- Environment and Lighting selection: Enables to choose from a range of color options for lightening.
- Full Screen: Expand the viewing area to fill the entire screen, eliminating distractions and focusing on the drawing.
- View State: Save or restore a particular view setup, including camera angle, zoom level, and visible layers.



- View can be saved and later retrieved
- Saved state can be copied to be used in Issues/RFI creation.
- View State can also be deleted.
- Navigation Viewer: Use interactive tools to smoothly navigate through the drawing, enhancing user control and orientation.
- Filter: Apply criteria to display only those parts of the drawing that meet specific conditions or attributes. By clicking on this tool Filter options will be displayed. You can add necessary filters by selecting from the options listed.



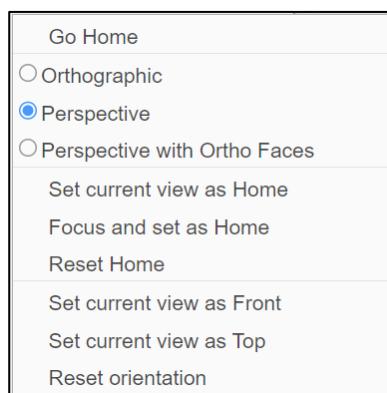
Items can be filtered by root level, Sublevel and item level by selecting from the drop-down menu.

Changing Views

The Views can also be changed by clicking on the below 3D view tool



A brief description of the various options under this view is given below:



- Go Home: Return to the default or previously defined "home" view of the drawing for a familiar orientation point.
- Orthographic: Switch to a 2D view where all the elements are uniformly scaled, eliminating perspective to allow for accurate measurements.

- Perspective: View the model in a 3D perspective where elements are scaled relative to their distance from the viewpoint, enhancing depth perception.
- Perspective with Ortho Faces: View the model in perspective, but flatten specific faces to orthographic view to combine depth with measurable accuracy on key surfaces.
- Set Current View as Home: Define the current view as the "home" view, allowing you to quickly return to this perspective at any time.
- Focus and Set as Home: Center the view on a selected element and define this focused view as the new "home" view.
- Reset Home: Revert the "home" view to the default or the last saved view state, discarding any changes made since.
- Set Current View as Front: Designate the current view as the front view, standardizing the orientation for future reference.
- Set Current View as Top: Establish the current view as the top view, providing a consistent overhead perspective for accessing the model.
- Reset Orientation: Return the view to the original or default orientation, disregarding any rotational changes made during the session.

Clash

Clash tool in Krion 6D helps in analyzing intersections between models. When the supported documents are added and then viewed in the 3D viewing space, they are automatically analyzed and a clash data report is shown in a dialog. Each item in the Clash Data can be individually viewed on the 3D model and analysed.

To Visualise Clash of drawings following two documents are required

- Navisworks Document (file extension: .nwd)
- XML file corresponding to the respective Navisworks document (file extension: .xml)

Prepare documents for Clash Detection

The .xml file and the .nwd file of the project should be already available under the same folder in the Documents section of a project. Select the required files and click on  Add Compare

0001-CDDM-XX01-0001-A-P01.01
CDD Demo project ▾

Search for a keyword Filter 10

Select File Type

Upload Files

Mass Upload

FOLDERS

- > Other
- Document
- Design
- MEP
- NWD** ...
- DWG

Design > NWD

Drag a column header here to group its column

	Ver	Name	Type	Rev	Size	L...	U...	Stat	C...	A...
<input checked="" type="checkbox"/>	1.0	Entire... <small>XML</small>	xml	1.0	1...	14 May...	Kirubak...	Creat	Download	...
<input type="checkbox"/>	1.0	Arch ... <small>XML</small>	xml	1.0	4...	14 May...	Kirubak...	Creat	Download	...
<input type="checkbox"/>	1.0	Arch ... <small>XML</small>	xml	1.0	1...	14 May...	Kirubak...	Creat	Download	...
<input checked="" type="checkbox"/>	1.0	Snow... <small>NWD</small>	nwd	2.0	1...	15 Apr ...	Kirubak...	Creat	Download	...
<input type="checkbox"/>	1.0	Snow... <small>NWD</small>	nwd	1.0	3...	15 Apr ...	Kirubak...	Creat	Download	...

Add Clash Add Compare Add Simulation Add Mu...

Enter a Document name for the Clash View and click update

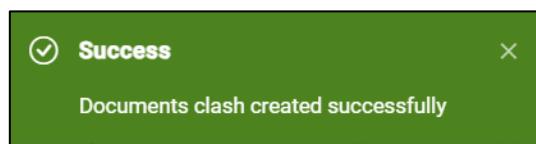
Document Name X

Document Name *

Clash Detection Demo

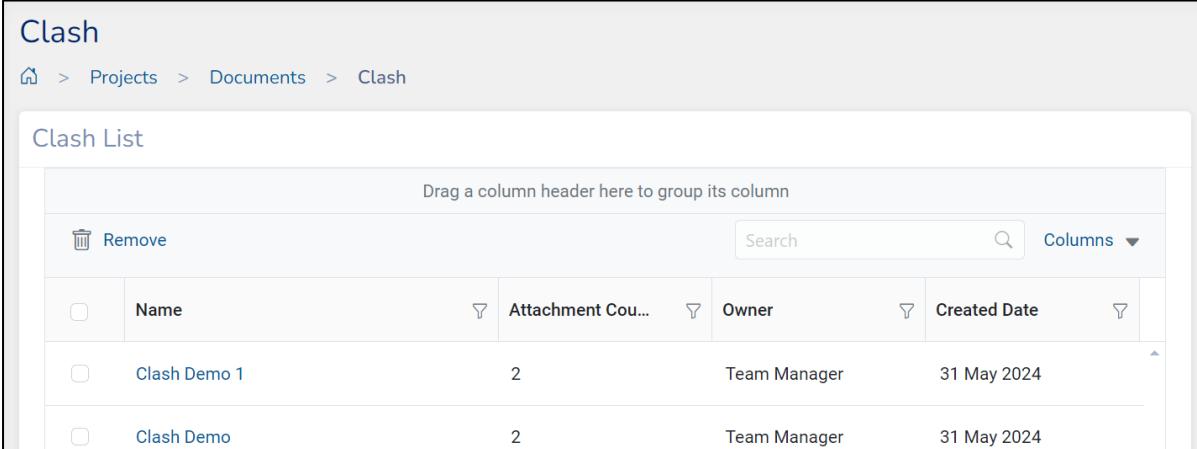
Cancel Update

Once the Clash Document is created successfully a message will be displayed



Clash List

Navigate to Views under Projects and Click on  Clash . The Clash List shows the list of documents created for Clash view.



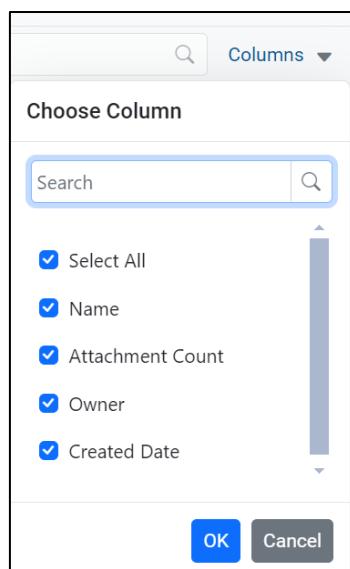
<input type="checkbox"/>	Name	Attachment Cou...	Owner	Created Date
<input type="checkbox"/>	Clash Demo 1	2	Team Manager	31 May 2024
<input type="checkbox"/>	Clash Demo	2	Team Manager	31 May 2024

Clash List displays the following data:

- Name: Displays the document file created for viewing the clash
- Attachment Count: Displays the number of documents added for the clash check
- Owner: Displays the User who created the clash check file
- Created Date: Shows the date on which the clash document file was created

Note:

- Clash documents can be removed by selecting and clicking on  Remove
- Clash list columns can be customized by selecting the Columns from drop down



View Clash

To view a Clash document select the document from the Clash List.

Here “Clash Detection Demo” document is Selected

The screenshot shows the KRION software interface. On the left, there is a vertical sidebar with icons for Documents, Actions, Attachments, Share, Views, Compare, Clash, Simulation, and Multi Model View. The 'Clash' icon is highlighted. The main area is titled 'Clash' and shows a 'Clash List'. The list has columns for Name, Attachment Count, Owner, and Created Date. There are five items listed:

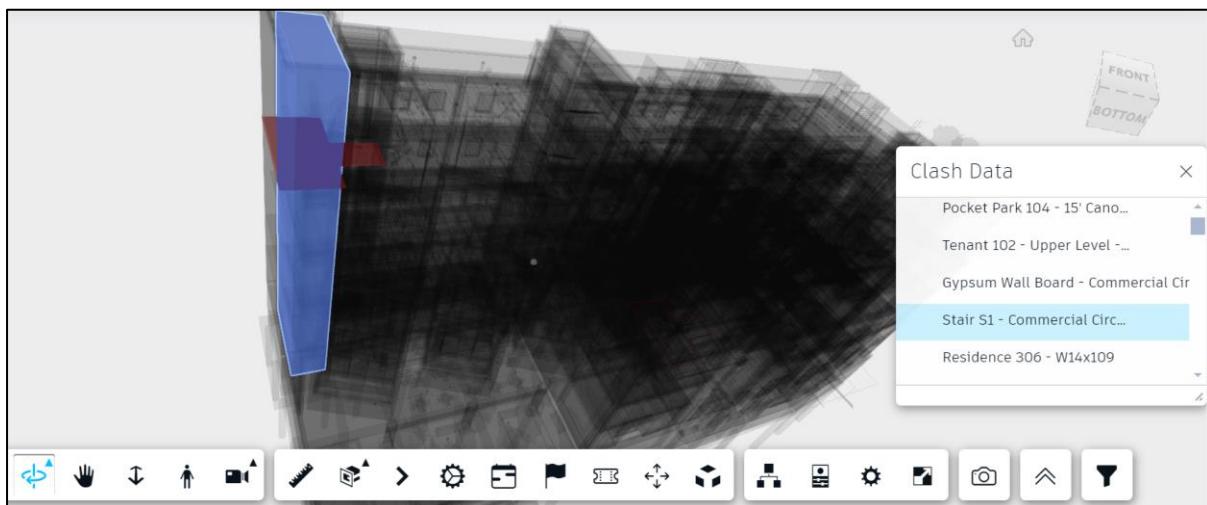
Name	Attachment Count	Owner	Created Date
Clash Detection Demo	2	Team Manager	15 May 2024
Snowden Clash model.nwd - Arch Systems ...	2	Kirubakaran Candasamy	14 May 2024
Snowden Clash model.nwd - Arch Struct Cla...	2	Kirubakaran Candasamy	14 May 2024
Snowden Sample Project.nwd - Entire Clash...	2	Kirubakaran Candasamy	14 May 2024

The tool will detect the clashes and show a Clash Data Report in a dialog box as shown below along with the 3D viewer

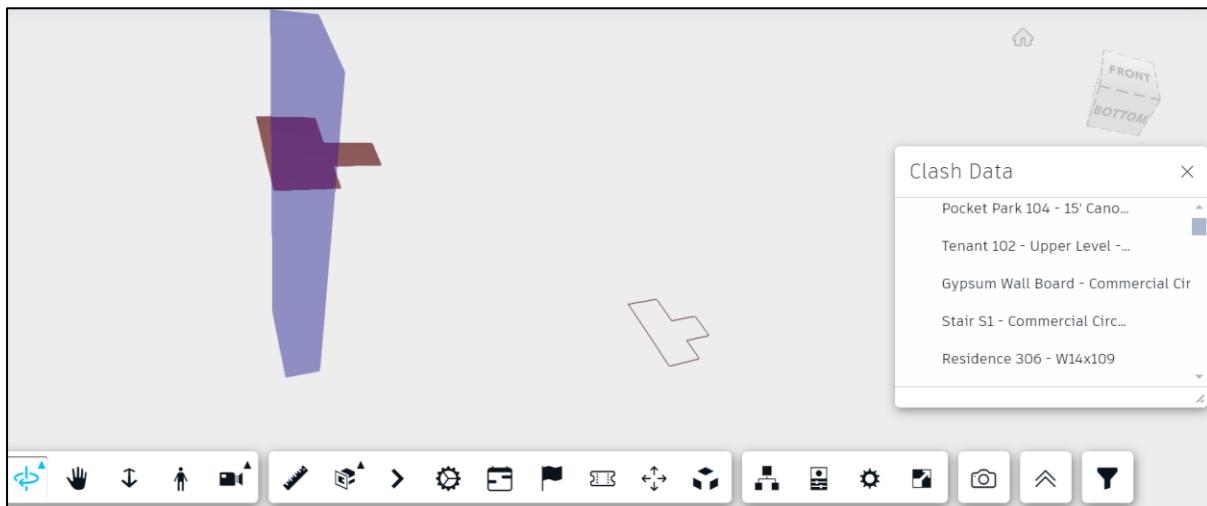
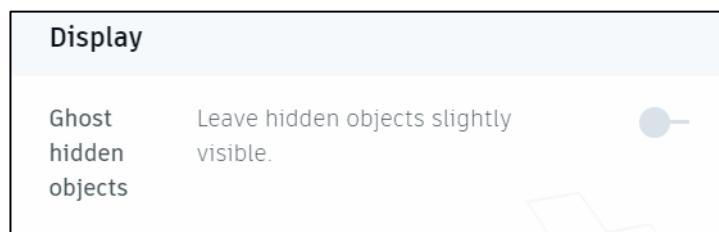
The screenshot shows the KRION software interface with a 3D building model. A 'Clash Data' dialog box is open on the right side, showing a list of detected clashes. The list includes:

- Metal Deck - W Shapes-Co...
- Tenant 301 - W10x49
- Tenant 401 - W10x49
- Metal Deck - W10x49

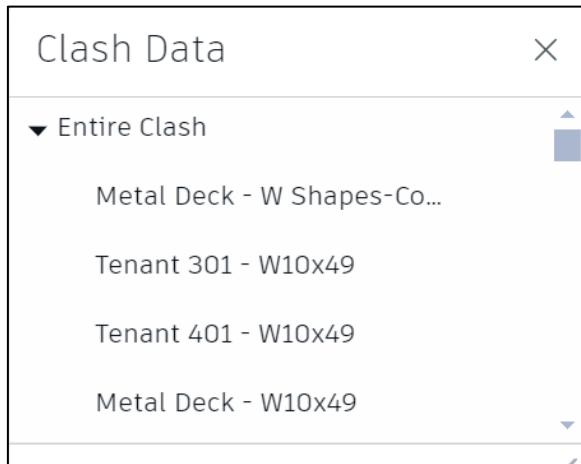
The Clash elements are highlighted below:



Note: To view only the Clash elements in the display Settings toggle off Ghost Hidden Objects



Clash data report lists all the items in which clashes have been detected.



You can click on each item and view its location of the clash on the 3D model Viewer.

Multi Model View

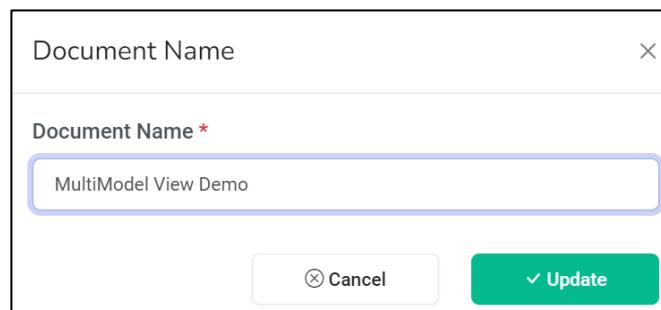
A multi-model view in Krion 6D application is a comprehensive visual representation that integrates 2D multiple drawings and 3D models into a single view. Federating a multi model view integrates or combines multiple individual discipline-specific models into a single, cohesive model. The federated model encompasses all the different aspects of the building project, such as architectural, structural, mechanical, electrical, and plumbing systems etc.,.

Prepare documents for Multi-Model View

The required drawings for federating the model should be already available under the same folder in the Documents section of a project. Select two or more documents to federate and click on [Add Multi Model View](#)

- .rvt + .rvt
- .dwf + .dwf
- .rvt + .dwf + .dwf or any other combinations as required or applicable.

The screenshot shows the KRION 6D interface. On the left, there's a sidebar with a yellow header 'Design' containing 'Dashboard', 'Documents' (which is expanded), 'Actions', 'Attachments', 'Share', 'Views', 'Compare', and 'Clash'. In the main area, the title bar says '0001-CDDM-XX01-0001-A-P01.01' and 'CDD Demo project'. A search bar at the top right has 'Search for a keyword'. Below it is a 'Select File Type' dropdown. The main content area shows a 'FOLDERS' tree with 'Other' expanded, showing 'EXCEL SHEETS' and 'archive' (which is selected and highlighted in blue). To the right is a table titled 'Other > archive' with columns: Ver, Name, Type, Rev, Size, Last Modified, User, Status, Created By, and Actions. The table lists several files, including 'Snow...', 'PUH...', and 'G3 M...'. There are also buttons for 'Sync with BIM 360' and 'Sync'.



View Multi-Model

Navigate to Views under Projects and Click on Multi Model View . The “Multi Model Demo” document will be in the Multi-model View List. Select the file to view the comparison.

The screenshot shows the KRION 6D interface. The sidebar includes 'Actions', 'Attachments', 'Share', 'Views' (which is expanded), 'Compare', 'Clash', 'Simulation', and 'Multi Model View' (which is selected and highlighted in orange). The main area shows a breadcrumb path: 'Projects > Documents > Multi Model View'. Below it is a table titled 'MultiModelView List' with columns: Name, Attachment Count, Owner, and Created Date. The table lists three items: 'MultiModel View Demo' (Attachment Count: 3, Owner: Team Manager, Created Date: 13 May 2024), 'Complete' (Attachment Count: 8, Owner: Kirubakaran Candasamy, Created Date: 08 Apr 2024), and 'Snowdon Towers Sample Plumbing.rvt - Sn...' (Attachment Count: 4, Owner: Kirubakaran Candasamy, Created Date: 08 Apr 2024).

The multi model view will open in the viewer. Use the 3D interactive tools to analyze the model.

Compare

Compare Tool is an important feature of Krion 6D, designed to enhance collaboration and accuracy in construction projects. It enables project members to thoroughly compare multiple drawings, ensuring consistency and precision in project execution.

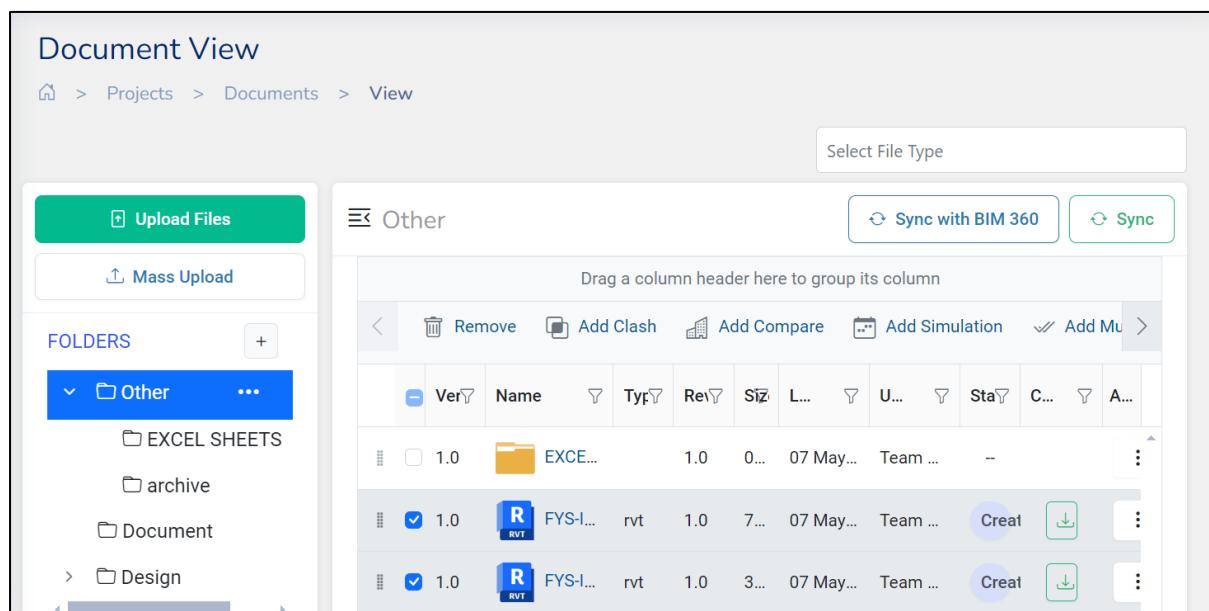
To utilize the Compare Tool, users must first upload the drawings as documents within the project in Krion 6D. The tool supports detailed comparison for the following types of files:

- 3D Revit drawings (file extensions: .rvt)
- 2D CAD drawings (file extensions: .dwg)

This capability allows users to analyse and compare two or more project drawings simultaneously, facilitating effective decision-making and project management.

Prepare documents to Compare

Drawings to be compared should be already available under the same folder in the Documents section of a project.

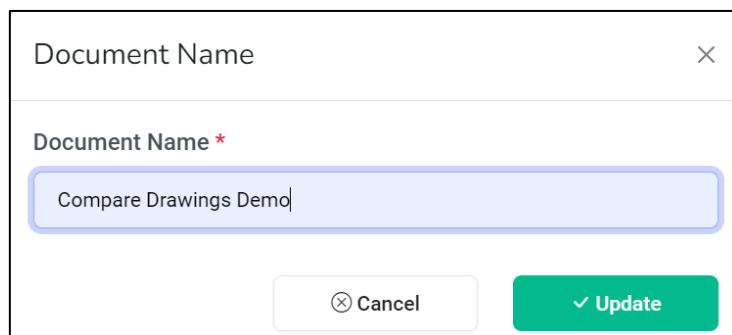


The screenshot shows the 'Document View' interface in Krion 6D. The left sidebar shows a tree view of project documents, with 'Other' selected. The main area displays a table of files under the 'Other' folder. The table has columns for Name, Type, Rev, Size, Last Modified, User, Status, Comments, and Actions. Three files are selected: 'EXCE...' (Type: EXCEL SHEETS), 'FYS-I...' (Type: rvt), and another 'FYS-I...' (Type: rvt). Action buttons for 'Add Clash', 'Add Compare', 'Add Simulation', and 'Add Mu...' are visible above the table. A 'Sync with BIM 360' button is also present.

	Name	Type	Rev	Size	Last Modified	User	Status	Comments	Action
1.0	EXCE...	EXCEL SHEETS	1.0	0...	07 May...	Team ...	--		<input type="button" value="..."/>
1.0	FYS-I...	rvt	1.0	7...	07 May...	Team ...	Creat	<input type="button" value="Download"/>	<input type="button" value="..."/>
1.0	FYS-I...	rvt	1.0	3...	07 May...	Team ...	Creat	<input type="button" value="Download"/>	<input type="button" value="..."/>

- Select the Drawings for comparison and click on  **Add Compare**
- A dialog will open prompting to enter the Document name and finish by clicking update

- Click on Update to finish creating a compare file



View Model Compare

Navigate to Views under Projects and Click on Compare. The “Compare Drawings Demo” document will be in the compare list. Select the file to view the comparison.

Name	Attachment Count	Owner	Created Date
Compare Drawings Demo	2	Team Manager	08 May 2024
checking all snowdon drgs	3	Team Manager	07 May 2024
Snowdon Towers Sample Structural compar...	2	Ayyam Perumal	23 Apr 2024
Snowdon 2D compare demo	2	Kirubakaran Candasamy	22 Apr 2024

Changes

- 1 Added
- 2 Removed
- 14 Modified

Disciplines affected:

- Floor [665246]
- W Shapes [640539]
- W Shapes [651438]
- W Shapes [651504]
- W Shapes [652459]
- W Shapes [669299]

Change List Toolbar

When comparing two versions of a 3D model, you can identify object-level information about what has been Added (green), Removed (red), or Modified (yellow) between the two versions. The color-coding is displayed on the model, and against the elements in the Changes and Information dialogs. As you select items from the change list, their position on the model is highlighted.

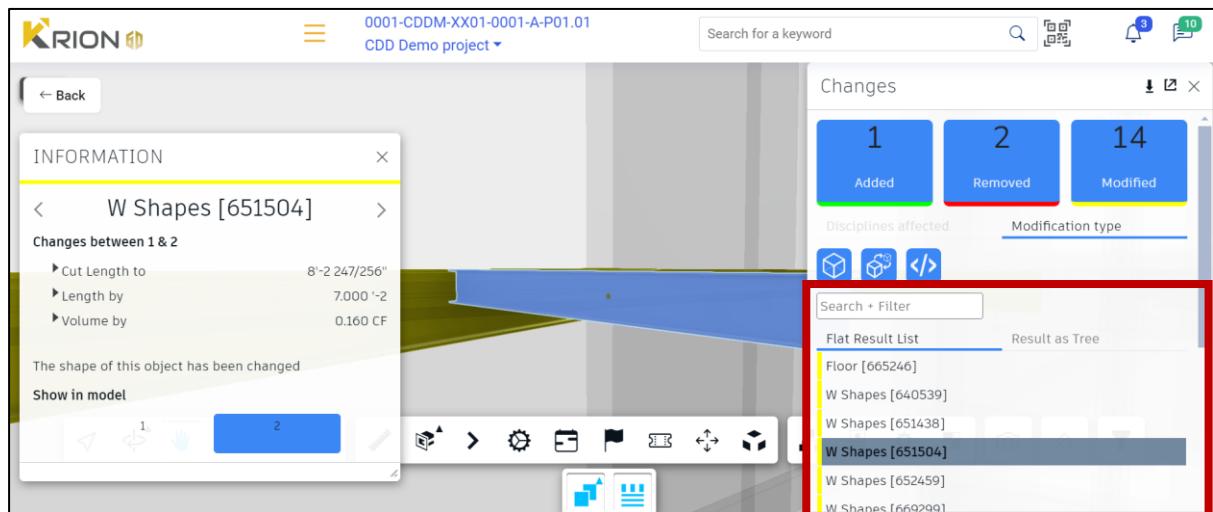
Note:

The Change List can also be downloaded as an Excel file by clicking on

Change results are displayed in 2 different ways in the

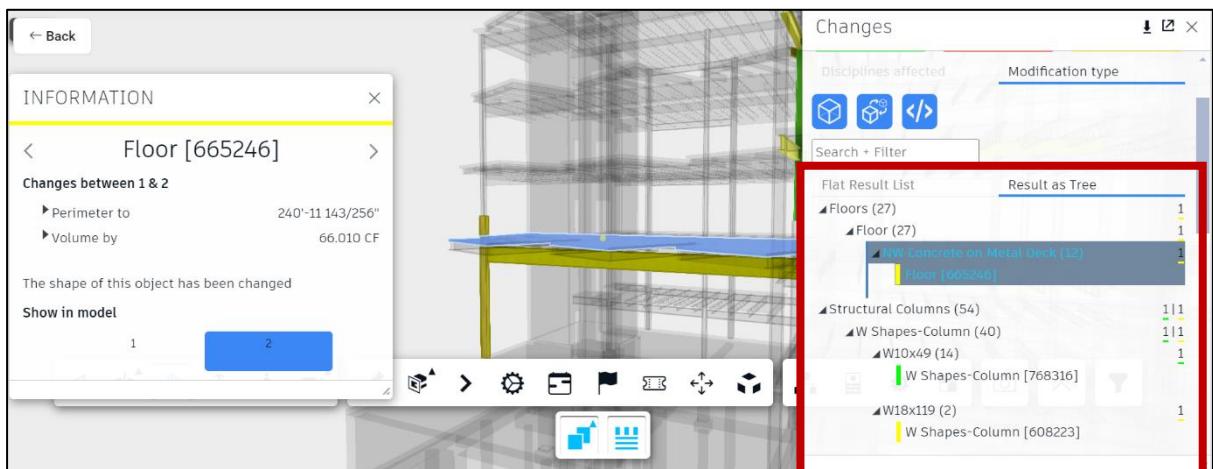
1. Flat result List

When we click on an item under the flat result list it shows the details of the items on the model view pane



2. Result as Trees

This list shows items in stepwise (Tree) view



Note: Toggle the following icons to view/hide changes

: Hide Shape changes

: Hide Transformations

: Hide Property changes

Simulation

The simulation tool in Krion 6d is a valuable tool which enables visualization of the projects drawings along with its timeline of completion.

The simulation tool in Krion 6d, provides a dynamic visualization of the project construction process over time. This simulation tool integrates 3D models with schedules and timelines to create a simulation that shows how a project will evolve from start to finish.

Users must first upload the drawings as documents within the project in Krion 6D to utilize the Simulation Tool. To view the simulation of drawings, the following two documents are required

- Navisworks Document (file extension: .nwd)
- XML file corresponding to the respective Navisworks document (file extension: .xml)

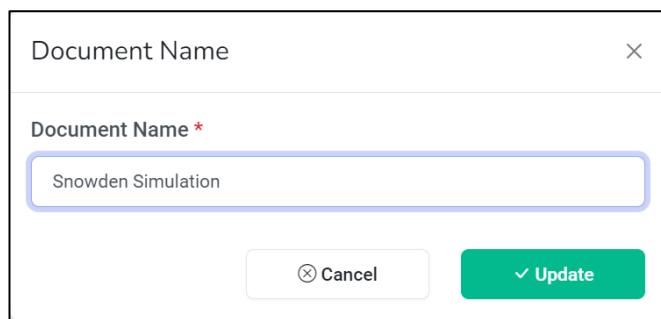
Prepare documents to run simulation

The .xml file and the .nwd file of the project should be already available under the same folder in the Documents section of a project. Select the required file and click

on Add Simulation

Name	Type	Version	Size	Last Modified	User
Snowden Sample Project.nwd	nwd	1.0	3...	15 Apr ...	Kirubak...
Snowden Sample timeline.xlsx	xlsx	1.0	1...	08 Apr ...	Kirubak...
Snowden Clash model.nwd	nwd	2.0	1...	15 Apr ...	Kirubak...

Enter a Document name for the simulation will in the dialog and click Update



View Simulation

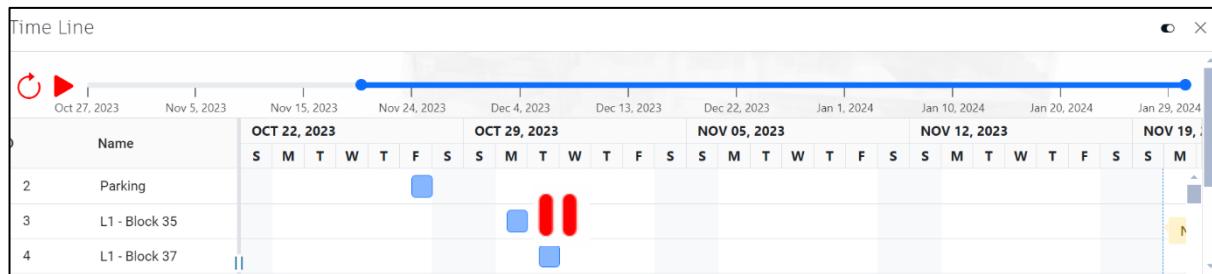
Navigate to Views under Projects and Click on Simulation. The “Snowden Simulation” document will be listed under the Simulation list. Select the file to view the Simulation.

	Name	Attachment Count	Owner	Created Date
<input checked="" type="checkbox"/>	Snowden Simulation	2	Team Manager	13 May 2024
<input type="checkbox"/>	Snowden stimulation 24	2	Ayyam Perumal	23 Apr 2024
<input type="checkbox"/>	Snowden Sample timeline.xlsx - Snowden C...	2	Kirubakaran Candasamy	08 Apr 2024

The simulation view along with the timeline will open



- Click on to play and view the simulation of the drawing
- Click on button will toggle the timeline view to a more details about the project



- The scroll bar can be adjusted to view the activity planned for a particular time frame
- Timeline view can be also be closed by clicking on and the 3D model can be viewed without it.

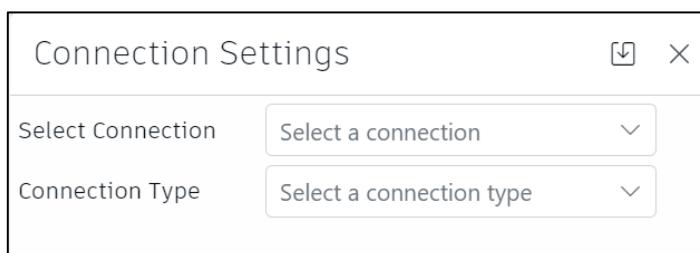
IoT Data Connection

The IoT data connection feature in Krion 6D enables the analysis of all data related to the 3D structural model of a project. This tool allows users to connect any data in spreadsheets (XLS, CSV, DB) with the 3D model. The spreadsheet data is mapped through a unique ID, such as the IfcGUID. Once the data connection is established, users can use charts to slice and dice the data for further analysis.

Setting up the Data Connection

Open the 3D model to be analysed from the Documents list. Once the Drawing/Model opens in the 3D viewer, Click on the External Data Tool.

Connection Settings Dialog Open up

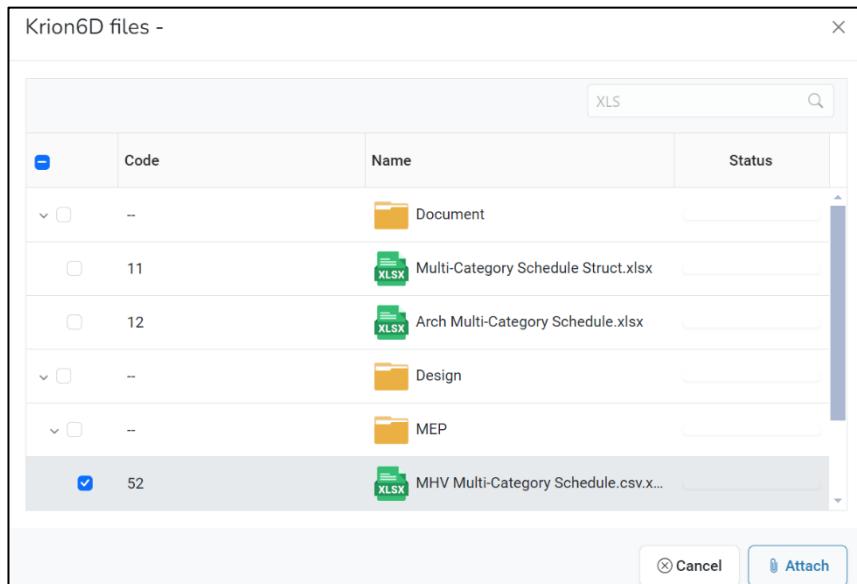


- Select Connection: This lets you select the connections that has already being made.
- Connection Type: Select the Connection type from XLS, CSV, or DB based on the file format of the Data file.

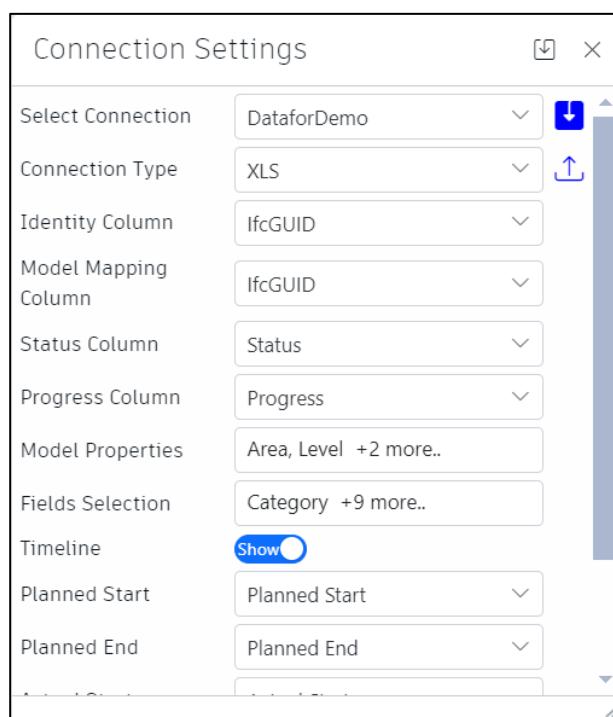
Once the Connection type is selected an Icon to upload the Data file will show up

Connection Type	XLS	
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Select the file to upload the Excel Data file and click Attach.



Once the file is uploaded other options will populate for selection.



The screenshot shows a "Connection Settings" dialog. It includes fields for "Select Connection" (set to "DataforDemo"), "Connection Type" (set to "XLS"), "Identity Column" (set to "IfcGUID"), "Model Mapping Column" (set to "IfcGUID"), "Status Column" (set to "Status"), "Progress Column" (set to "Progress"), "Model Properties" (set to "Area, Level +2 more.."), "Fields Selection" (set to "Category +9 more.."), "Timeline" (set to "Show"), "Planned Start" (set to "Planned Start"), and "Planned End" (set to "Planned End"). There is also a "Cancel" button at the bottom left and an "OK" button at the bottom right.

Identity Column: Select the specific column in a database table that uniquely identifies each Record like the IfcGUID (Industry Foundation Classes Global Unique Identifier)

Model Mapping Column: Model mapping column refers to aligning columns from the source data with the corresponding columns in your data model or schema. This ensures that data from the source fits correctly into the target structure.

Status Column: The status column is used to indicate the current state of a record, such as 'active', 'inactive', 'pending', etc. This is useful for tracking the lifecycle or workflow status of each record

Progress Column: The progress column is used to track the progress of a process related to each record. This could be a percentage, a completion status, or some form of milestone tracking, indicating how far along a record is in a given process

Model Properties: Model properties refer to the metadata and configuration settings of the data model. This can include attributes like data types, constraints, relationships, and other settings that define how the data should be structured and validated

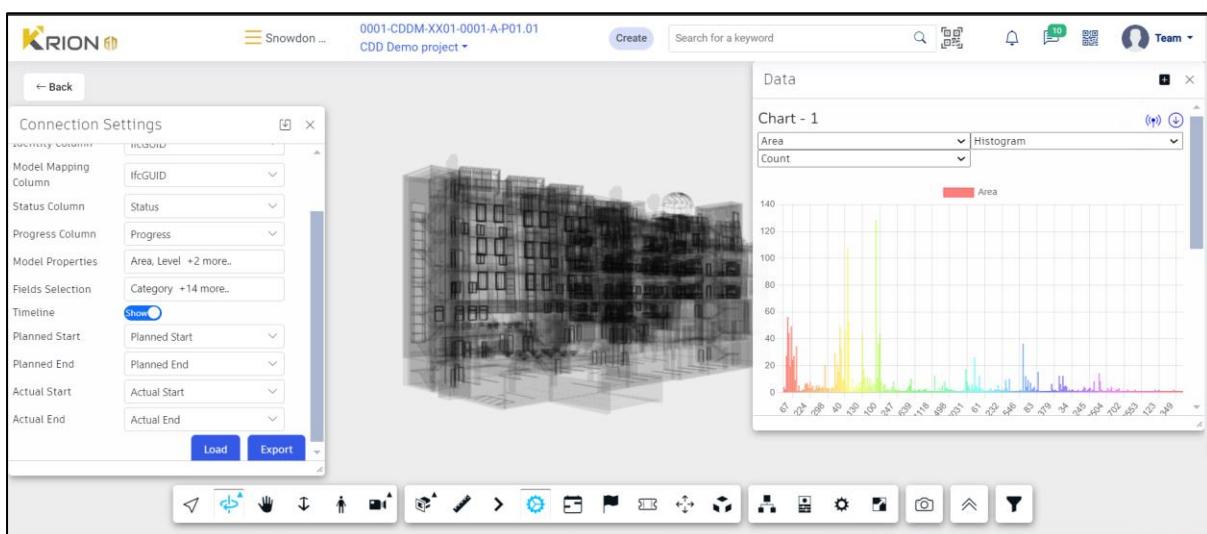
Field Selection: Fields selection allows you to specify which fields (columns) from the data source should be included in the connection or operation. This is useful for filtering out unnecessary data and focusing only on the relevant fields

Timeline: The timeline feature, is typically used to display or conceal a timeline view of data or events. It is a chronological display of records, changes, or activities related to the data. The toggle button allows users to expand or collapse this view for better clarity or focus on other aspects of the interface. When we Click on Show Timeline, Timeline related fields will show up like Planned Start, Planned End, Actual Start, Actual End.

After selecting all the fields, the click on to save the configuration settings.

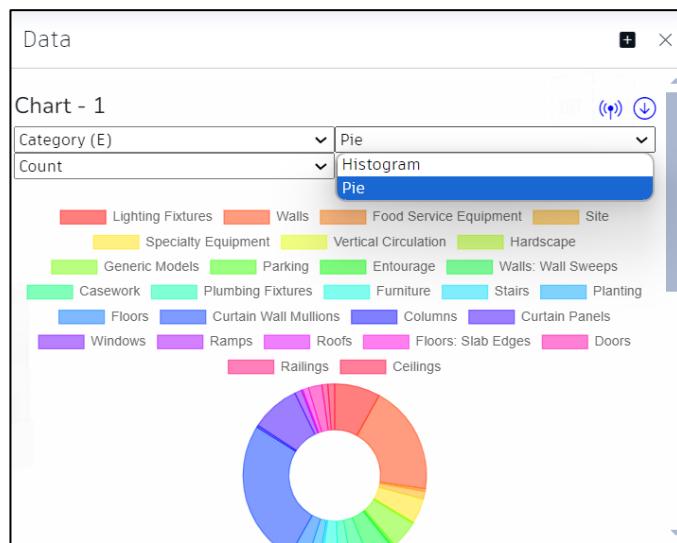
Click on the to see the data. The Data Dialog will open.

Data Visualization Chart



- The Data Dialog window will display the Charts where Model properties can be selected and viewed.

- The Model Items to be displayed in the 3D Viewer can be also Filtered from the Chart Elements or by using the Filter tool
- For the Model Properties (Viz Area, Level, Length) that we have selected either Sum or Count of the elements can be shown in the Chart Data
- Chart Type can be switched between Histogram and Pie Chart



Child chart

When we choose any Element in Chart 1 (Parent), A Child Chart is shown below for further data analysis on the selected element.



Multiple Child Charts can be generated based on the data we want to analyse.

Note: The  tool available in the top right corner of the Data Dialog visualizes the data. Along with the timeline tool, it enables the user to view the project's progress at each instant of time. The Icon turns green when the timeline view begins

 tool enables users to view or hide a chart.