



• Getting Started in Infrastructure Cloud for Team Members

Training Overview

2025

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Bentley®

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ProjectWise Web View

ProjectWise Web View is web portal to view ProjectWise data. On this portal user will have just **“Read-Only”** permission for any document. This platform should be preferred if no editing / file creation is required.

- It can be accessed through <https://connect-projectwisewebview.bentley.com/>.
- Login can be done by entering username & password (like ProjectWise explorer) or by selecting Use Bentley IMS authentication checkbox (authentication will be performed using mail ID) depending upon the datasource.

ProjectWise Web View

ProjectWise Web View

Home Bentley Systems Inc Assets Projects

ProjectWise Web View

Datasources

Administration

- > aecom-uk-pw-test
- > aeil-pw
- > aeil-pw-tmp
- > aen-pw
- > aen-pw-ws.bentley.com
- > Bentley Americas Learn 01
- > Bentley Americas LEARN 16
- > bridgepw21
- > bytp-eu1-pw-ws-test
- > cbmntest
- > decide-ind-pw-01
- > Decide US 02
- > devpw13-pw-01
- > EC_WSG
- > EMEA-BENTLEY-DEMO-0001
- > EMEA-BENTLEY-TS-DEMO_Local...

Sign in

Enter your ProjectWise credentials for devpw13-pw-01:

User name

Password

Use Bentley IMS authentication

Sign in

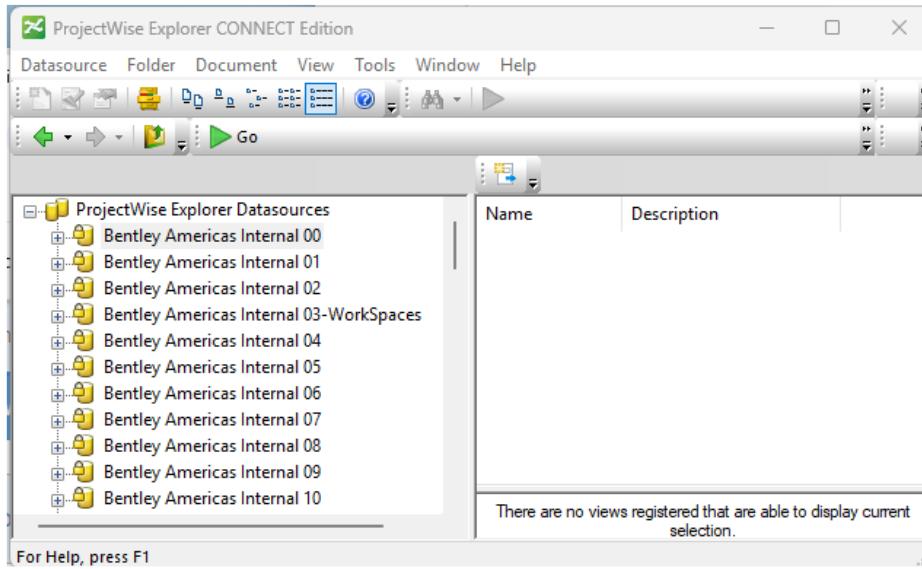
Bentley Infrastructure Cloud Introduction

Bentley Infrastructure Cloud Introduction

Bentley Infrastructure Cloud is cloud-based content and collaboration tool.

- Bentley Infrastructure Cloud can access documents from hosted ProjectWise servers.
- It is network independent as it only required internet access i.e., no network configuration requirement, no Network or VPN requirement.
- It is mainly focused on non-design integrated userbase as it can't be integrated with any applications.
- Currently supported browsers are Google Chrome, Microsoft Edge, Mozilla Firefox.
- Access control from ProjectWise Explorer and Administrator is going to be respected in Bentley Infrastructure Cloud.

Moving From Dedicated Application to the Web



ProjectWise Explorer Application

- Application based dependency to access documents.
- Network configuration requirements to make datasource available for access.
- Requires when working in design integrated environment.

A screenshot of the Bentley Infrastructure Cloud web interface. The top navigation bar includes a logo and the text 'Infrastructure Cloud'. Below it is a 'Back to home' link and a 'Projects' section. The 'My projects' tab is selected, showing a table with columns 'Project number', 'Project name', and 'Location'. The table contains five rows of data:

Project number	Project name	Location
1_ALDOT_MR_B_PDB	1_ALDOT_MR_B_PDB	EXTERNAL DESIGN
10_ALDOT_MR_B_PDB	10_ALDOT_MR_B_PDB	EXTERNAL DESIGN
Test 1	12345	EXTERNAL DESIGN
123456tb	123456tb	DESIGN

Bentley Infrastructure Cloud

- No application-based dependency, can be accessed through internet browser.
- Easy and lite when working in non-design integrated environment specifically office documents and PDFs.

Bentley Infrastructure Cloud Home Page

- Search Option is available only after selecting "All Projects" at bottom of homepage "Recent" pull down menu, from here one can add projects to Favorites. Enterprise Administration is available; it is in the waffle icon to the left of Resource Center (Help).

Infrastructure Cloud Enterprise Services User Profile

Bentley Infrastructure Cloud Project Homepage

- Once clicked on any project, say IC-04-28, project homepage like below will appear.
- Work tab once selected has flyouts of My Work, Deliverables Issues and Design Task
- Documents has 5 Flyouts – Documents, Media Explorer , Plan Set, Specifications and Components
- Documents includes Project Documents and ProjectWise data
- Media Explorer to Search photos in Project intelligently enter text name of photo to find it, because AI technology is used behind the scenes, it extracts information from the photo. This only works for photos stored in Documents folder provided in the Project, not in ProjectWise work area.

ProjectWise | Validate

IC-04-28
test-IC

DESIGN ★

+ Create

Home

Work

Documents

Deliverables

IC-04-28
test-IC ★
Orlando, FL

TUESDAY, MAY 7

76°F
76° 58°
Sunny

WED

85° 60°
Partly Cloudy

THU

72° 52°
Thunderstorms

FRI

60° 47°
Showers Early

SAT

63° 48°
Showers Late

My recent activity

Design Issue #ISS-00001
Expired
15 minutes ago

Viewed

My work

My work

My role

ID: ISS-00001
Expired

Assigned to Meeta/Tarun/Deepak

Create

Design Document Review

Design Issue

Bentley

Documents Section / Project Work Area

Project Homepage

New button to create new folder, upload files, etc.

Download button to download selected item

Generate sharable link for selected item

More options such as Delete, rendition, etc.

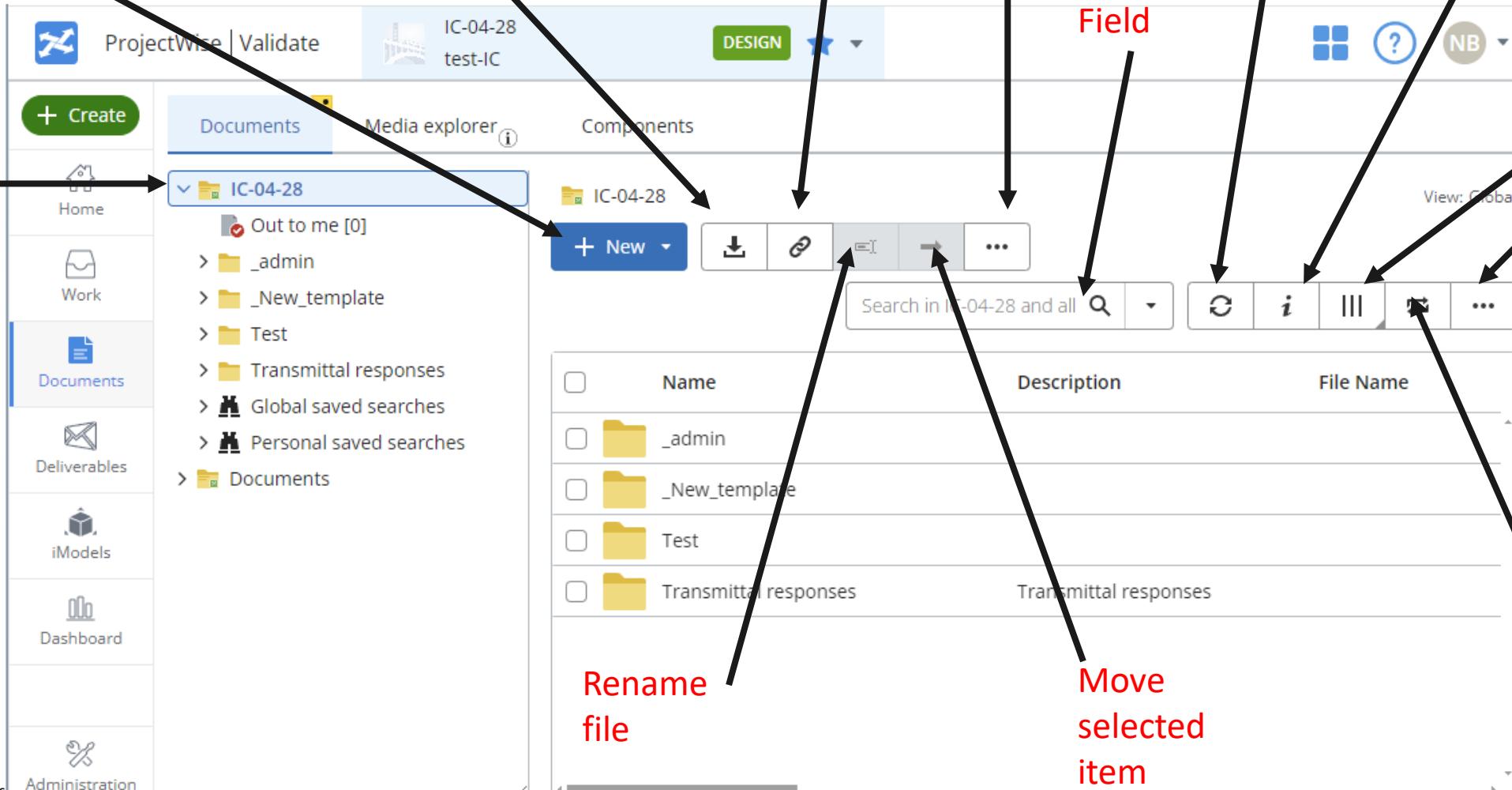
Refresh Button

Info such as Details & Audit Trail

Column Views

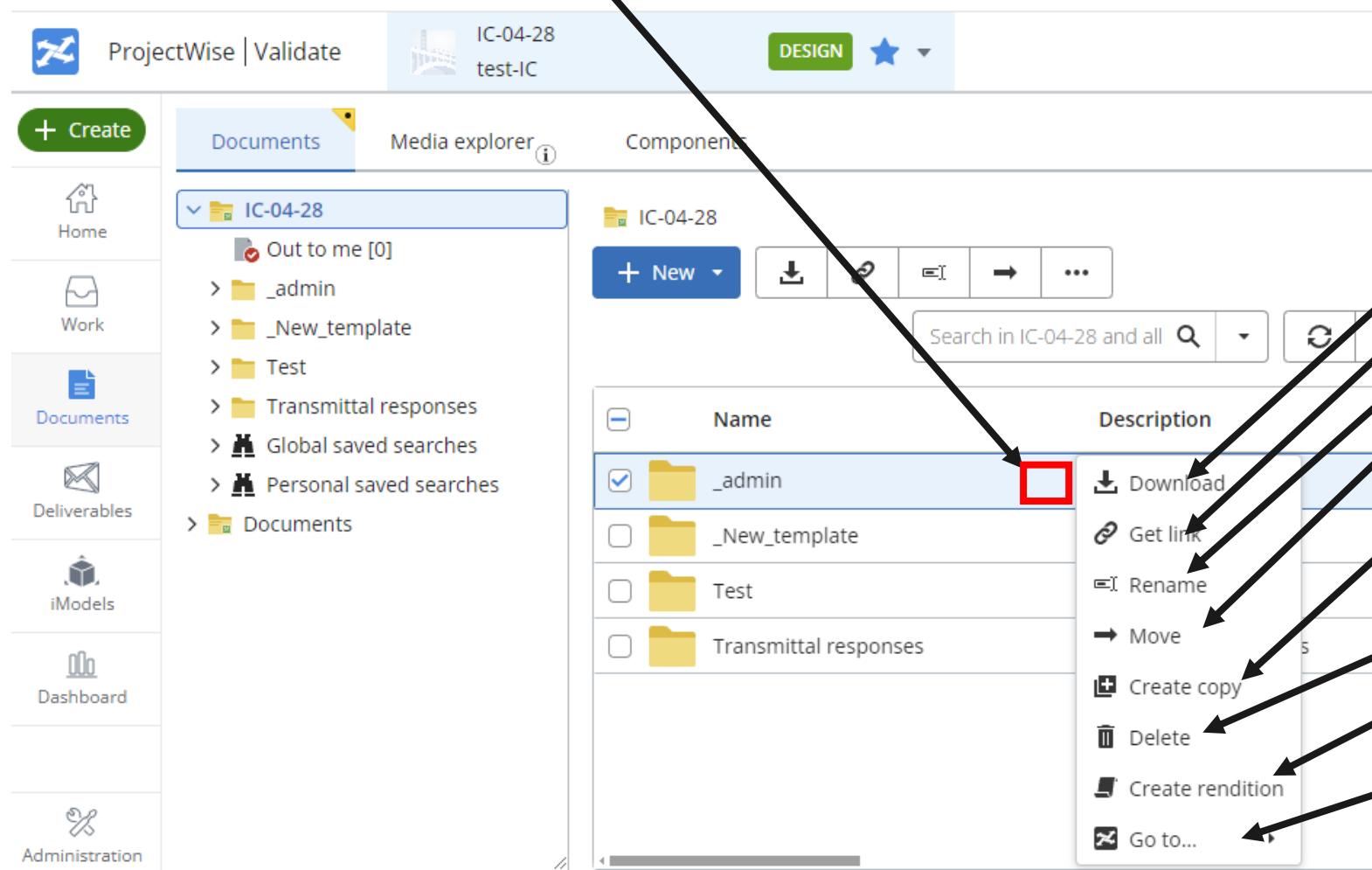
More options such as download progress, display options and sign out button

ProjectWise Drive option



Work Area - Folder Actions

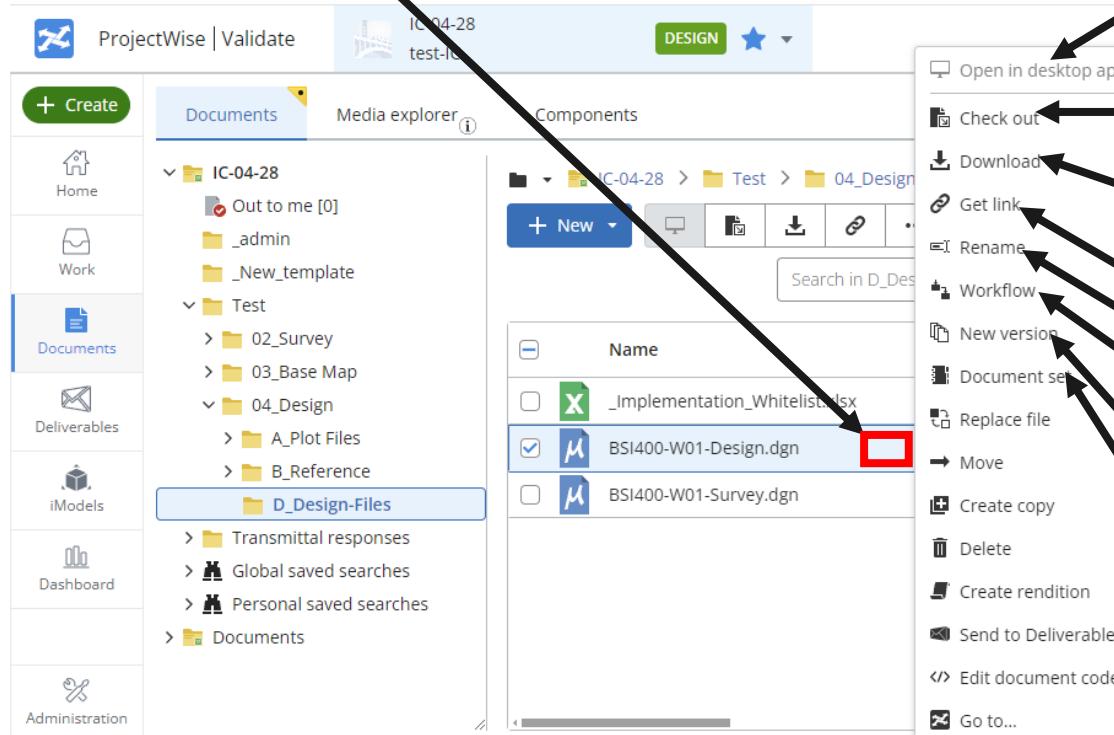
- When cursor is hovered over any folder, 3 dots will appear. After clicking on it, additional actions will be shown.



- Download** – It'll download zipped folder
- Get Link** - Generates sharable link
- Rename** – To rename folder
- Move** – To move folder to some other path in work area
- Create Copy** – To make copy of folder to some other path in work area
- Delete** – To delete folder
- Create Rendition** – To create rendition of content within it
- Go to...** – To open selected item in ProjectWise Explorer/Drive

Work Area - Document Actions

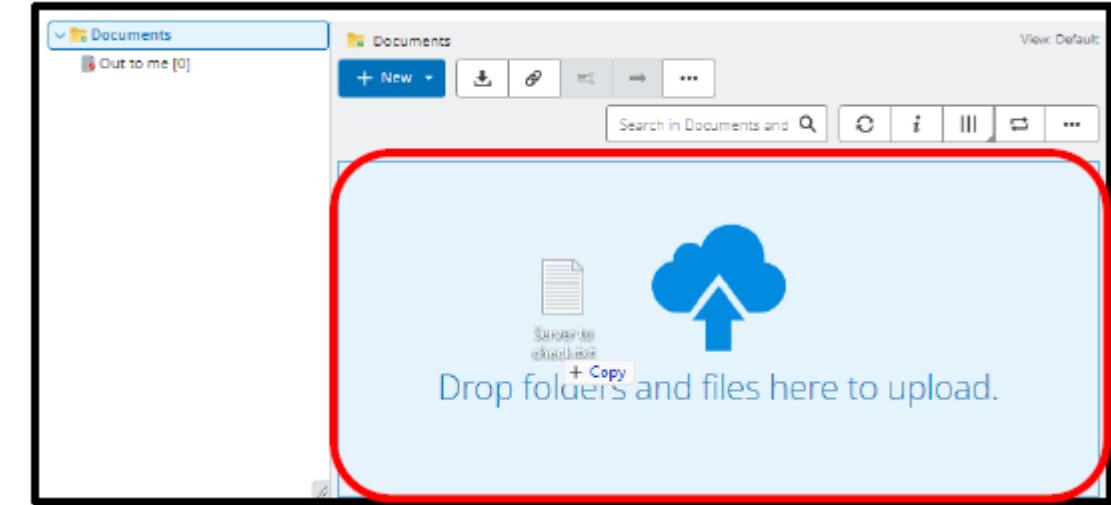
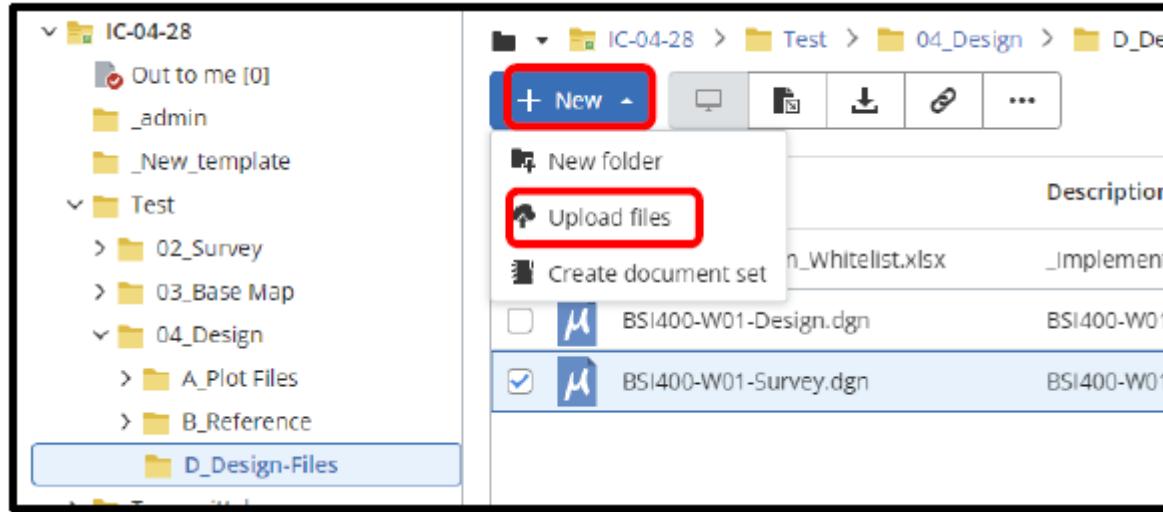
- When cursor is hovered over any document, 3 dots will appear. After clicking on it, below actions will be available to perform.



- Open in desktop app** – It opens file from ProjectWise Drive in the default application for that file type.
- Check out** – It checks out document & download it in download directory of browser.
- Download** – It just download it in download Directory of browser.
- Get Link** - Generates sharable link
- Rename** – To rename document
- Workflow** – To move document in pre-defined workflow
- New version** – To create new version of document
- Document Set** – To create flat set for document collection

Document Creation

- There are 2 ways to create document in Bentley Infrastructure Cloud.



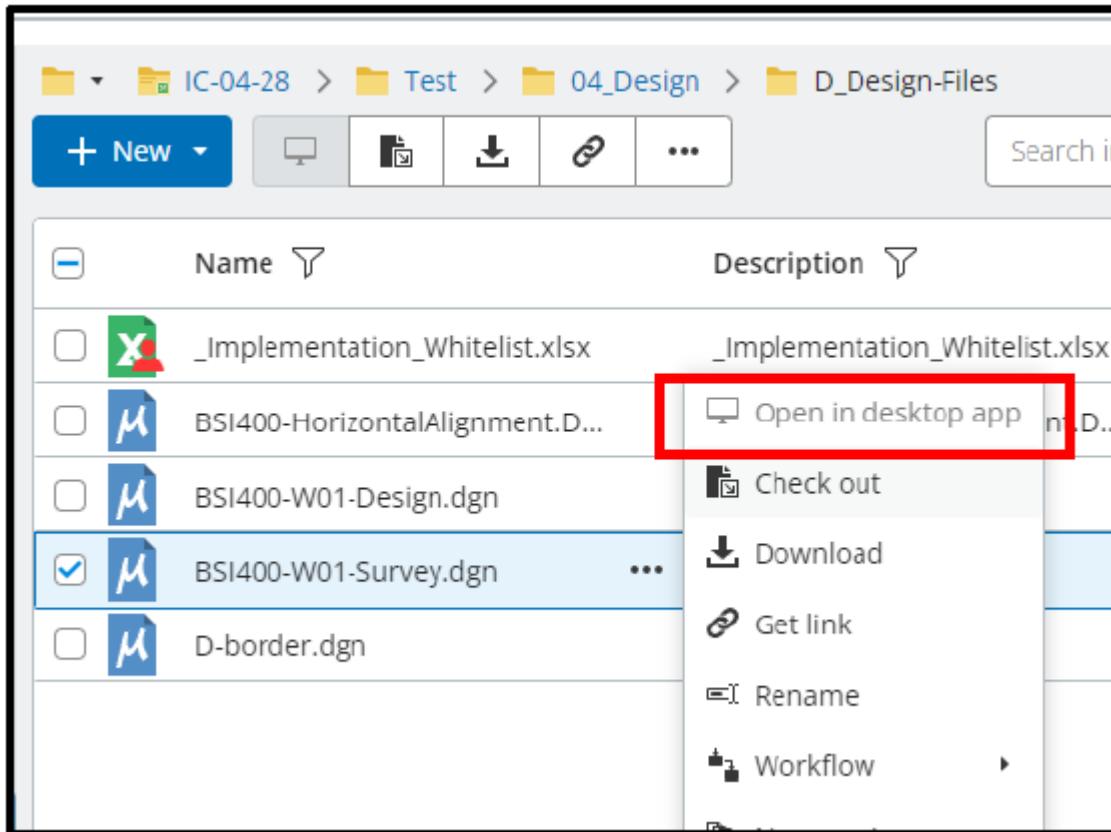
From the New button, select “Upload files”.

- File selection dialog box will appear.
- Select required files and click on Open to upload documents

Simple drag & drop method.

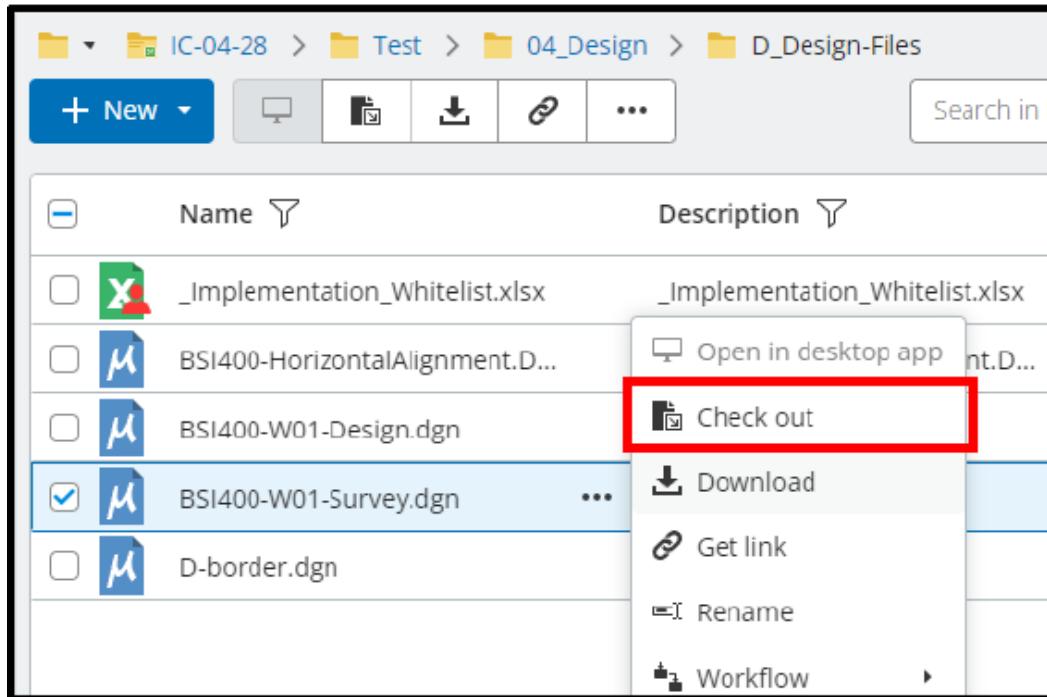
- Select required files and drop in the document area to upload them.

Work Area - Document Actions – Open in desktop app



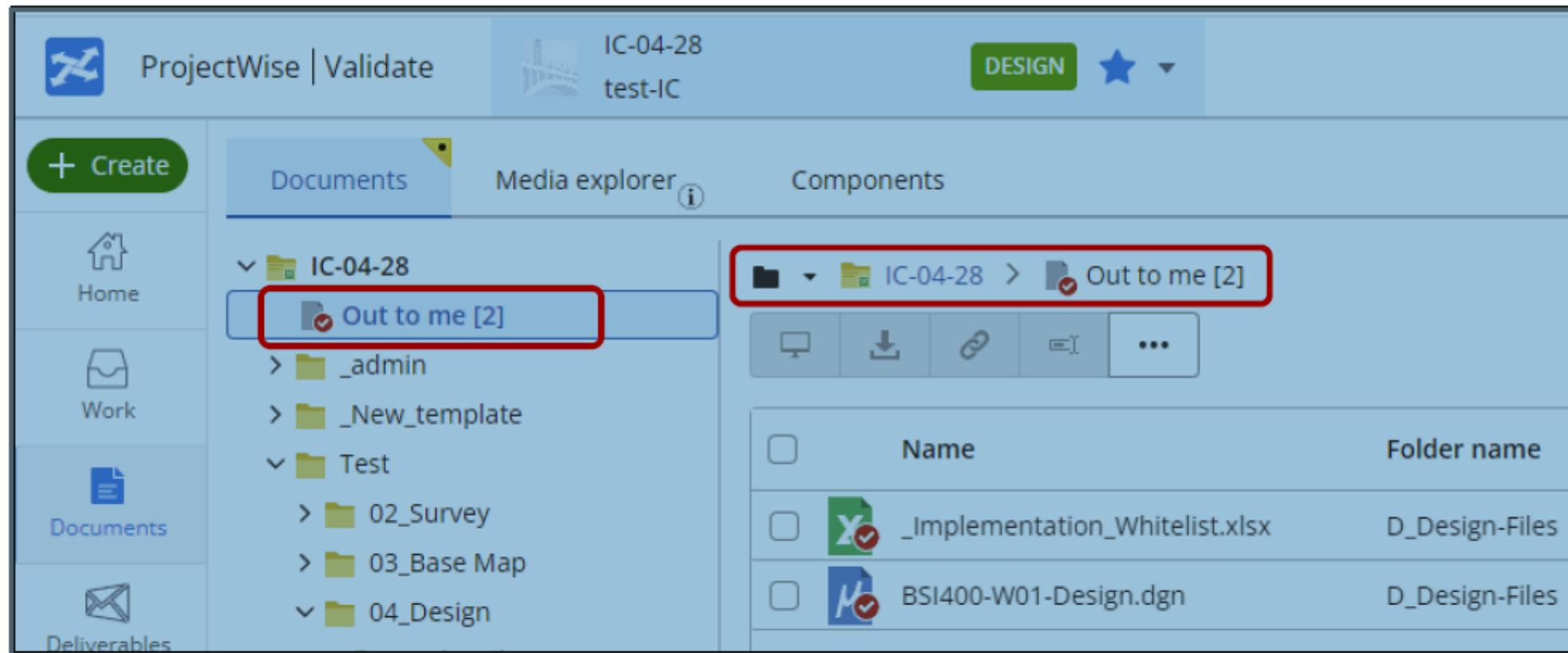
- This option will get enabled once ProjectWise Drive is installed on machine and project is synchronized.
- It'll automatically check out document and open file from ProjectWise Drive.
- This will open file in the default application set for the file type.

Work Area - Document Actions – Check out



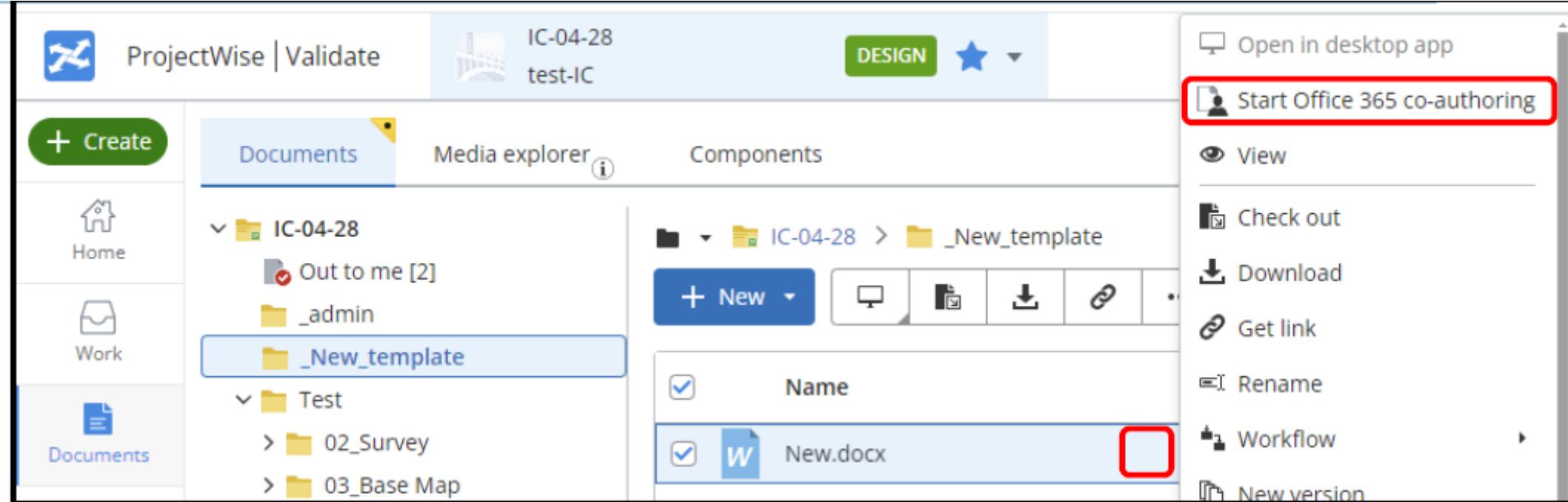
- This command will check out document to user and download to the download directory set in browser.
- This download will be similar to other downloads performed in browser. Please note it'll add (Number) in file name if the same file already exists in download directory.
- Recommended way to check out and open document is to select “Open in desktop app” option.

List of checked out documents



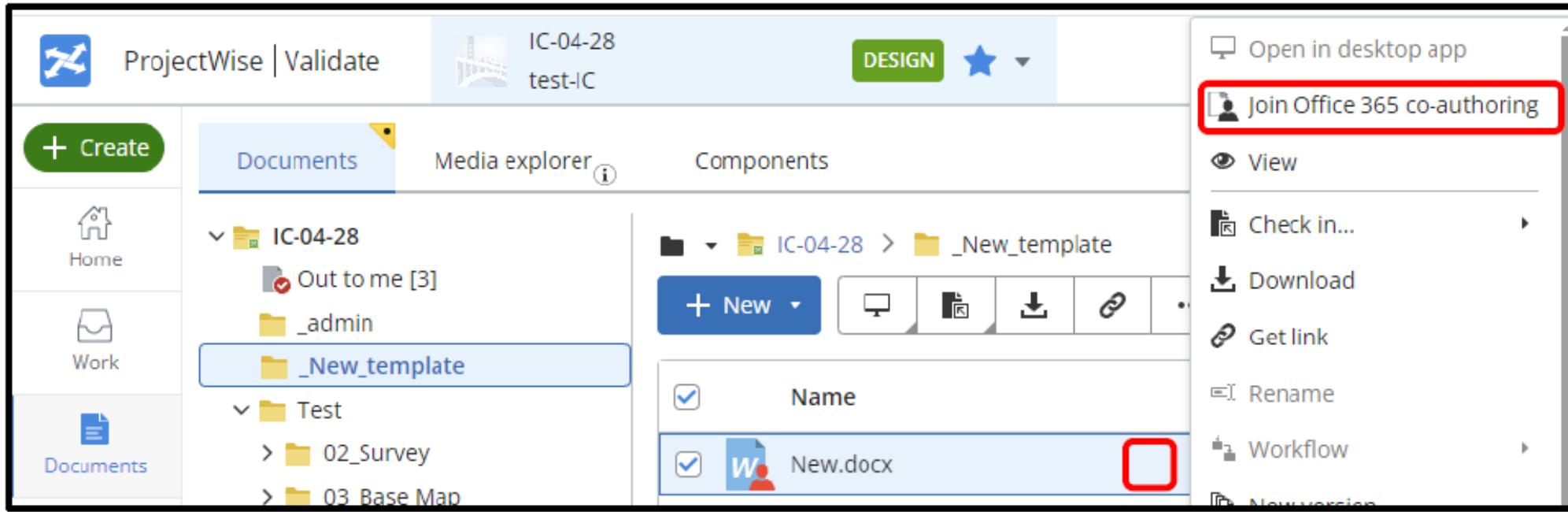
- To see the list of self checked out items in project, click on “Out to me” option just below the project name.

Work Area - Document Actions – Start Office 365 co-authoring



- This option is exclusive for MS Office documents with docx, xlsx and pptx file formats.
- This is available for Halff domain users only.
- This can be triggered by clicking 3 dots at the end of file name and then selecting “Start Office 365 co-authoring”. It’ll first verify user identity and then open file in OneDrive web session. If ProjectWise drive is installed, then it’ll open in desktop app.
- To end co-authoring session, select “Check in” then “End Office 365 co-authoring” to close co-authoring and check in the file. Prior to checking in, it’ll prompt if someone is still working within co-authoring session.

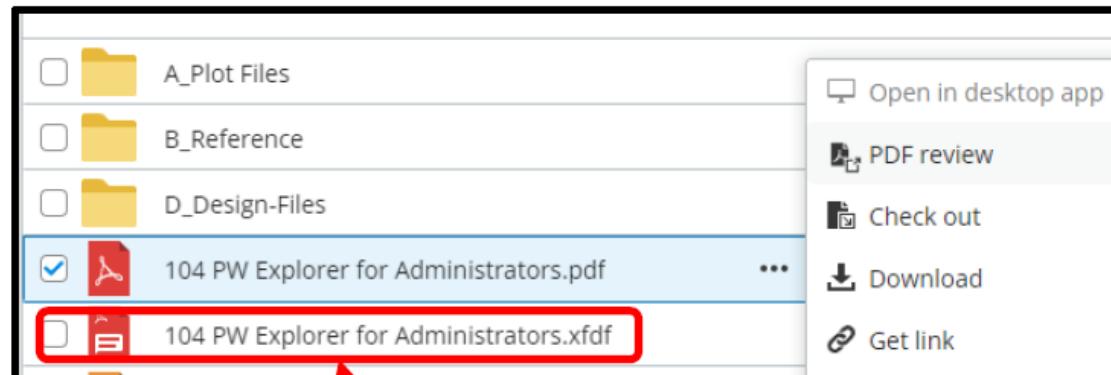
Work Area - Document Actions – Join Office 365 co-authoring



- To join existing Office 365 co-authoring session, right click on office document or click on 3 dots next file and select “Join Office 365 co-authoring”.
- It'll first verify user identity and then open file in OneDrive web session. If ProjectWise drive is installed, then it'll open in desktop app.

Work Area - Document Actions – PDF Review

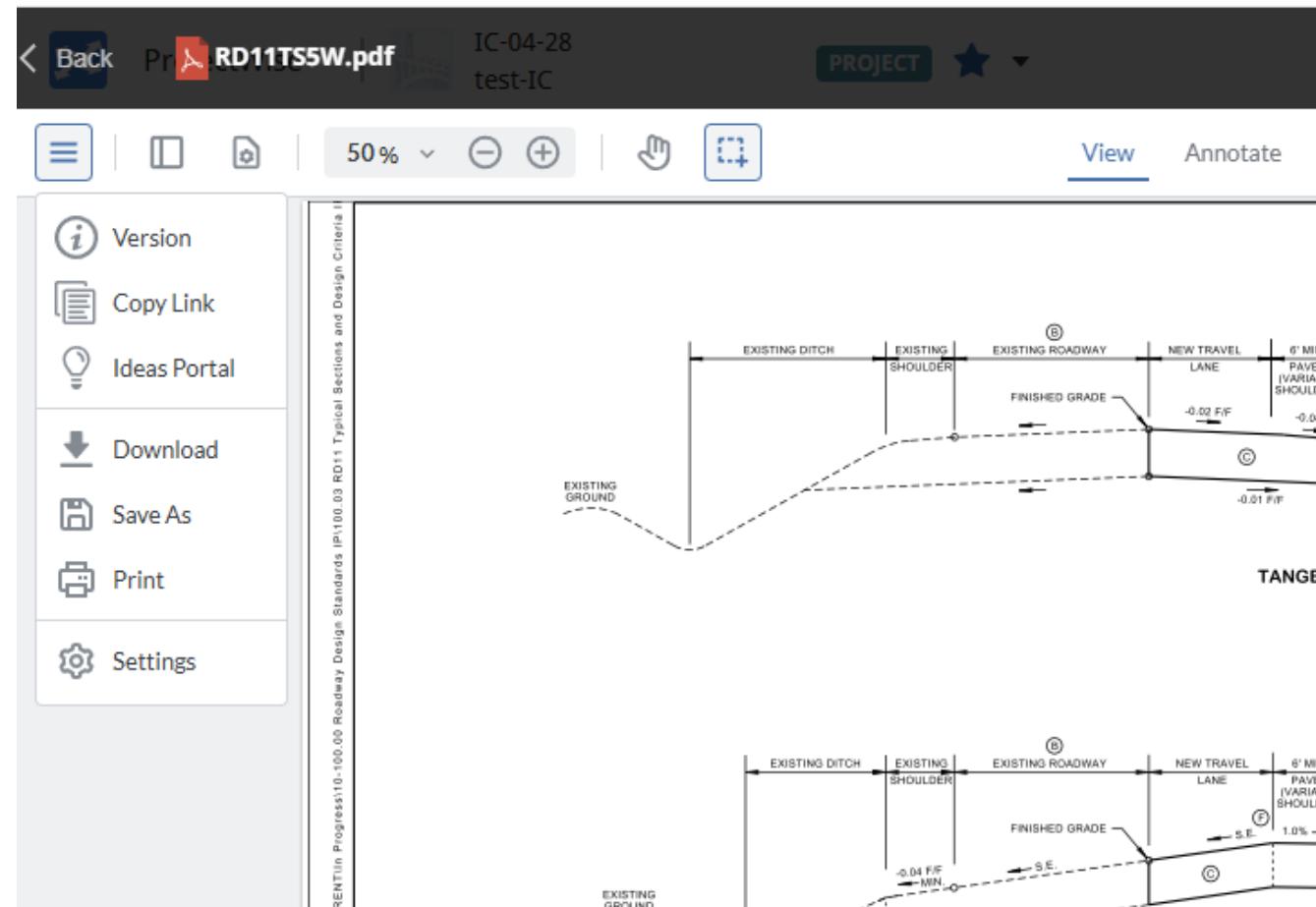
- This option is exclusively for PDF files.
- This does not replace current market sector review tool.
- The PDF opens in PDF Markup Service within the current ProjectWise Web browser tab.
- Mark-up enabled for current version only.
- Multiple users can do review and markup simultaneously.
- It has an ability to “create issue” and assign to stakeholder.
- Please note that main PDF file doesn’t store mark-ups. A separate XFDF file with same name as parent file is automatically generated which contains mark-up data. XFDF file can’t be opened as a standalone file. Refer next slide for guide to downloading file with mark-up.



XFDF File – Autogenerated
XFDF file containing mark-ups

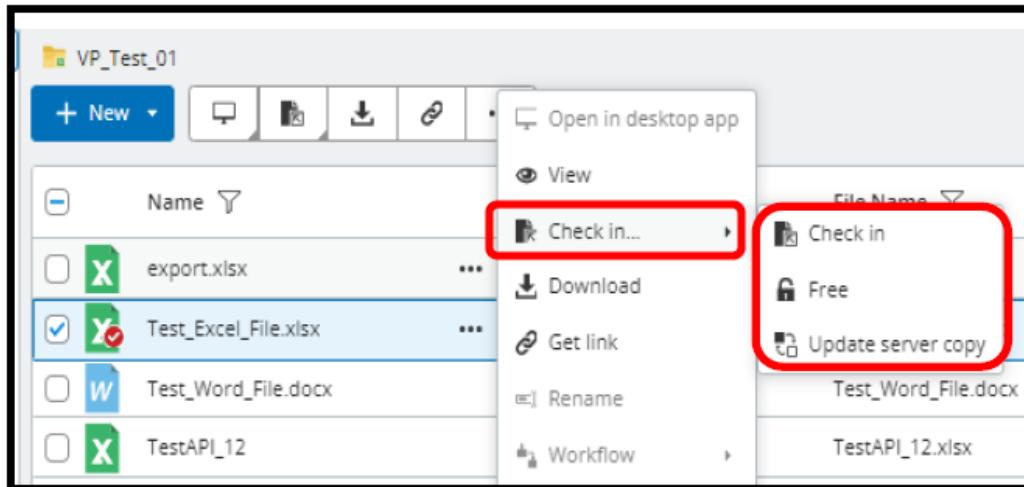


Work Area - Document Actions – PDF Review (contd.)

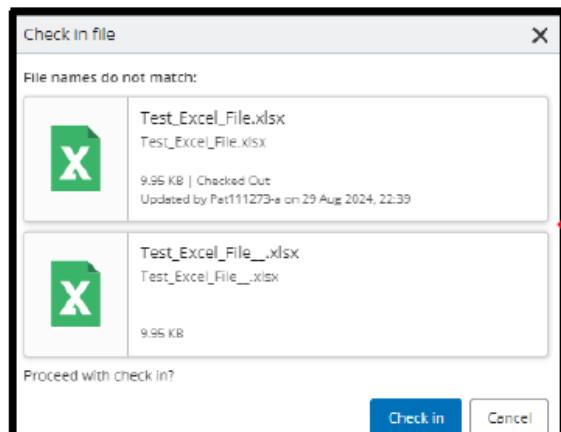


- Right click and download PDF, will download plain PDF without mark-ups.
- To download PDF with mark-ups, click on the PDF and it'll open in the PDF Mark-up Service. This is same as PDF review option. Then from settings option (three horizontal lines in top-left corner), select "Download". It'll attach mark-up file (XFDF file) to the main file and download it.

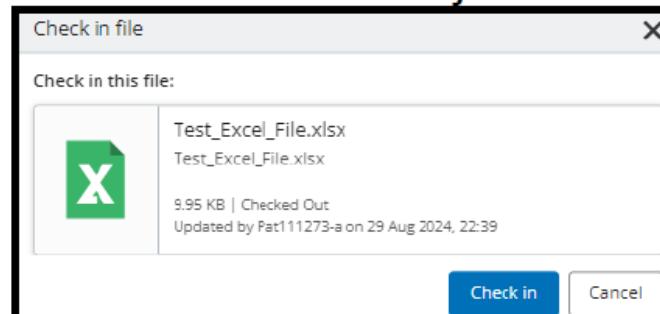
Work Area - Document Actions – Check in...



- While checking in, three options are there, same as PWE, Check in, Free & Update server copy.
- Once finished with updates in checked out file and selecting check in option, a pop-up will appear for file selection. Select the file in which updates are performed. If selected file name is different than PW file name, it'll show “File names do not match” warning. Confirm the name and select appropriate option. Please note it won't change name of the document in PW.
- With project synced in ProjectWise Drive, selecting check in option will check in the checked-out document from ProjectWise Drive without any pop-up.

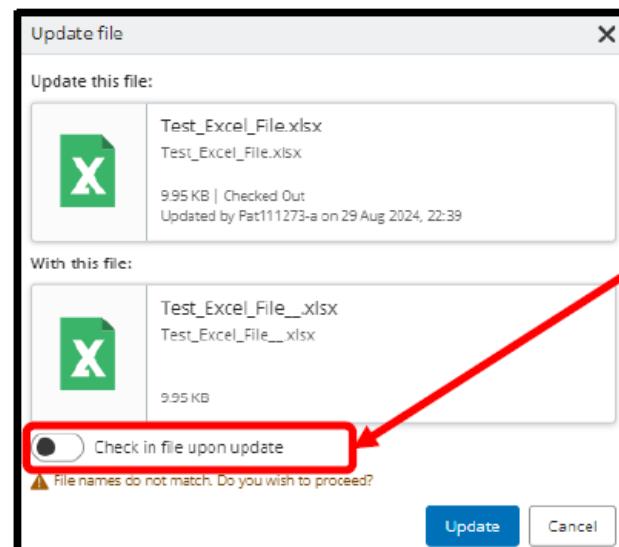
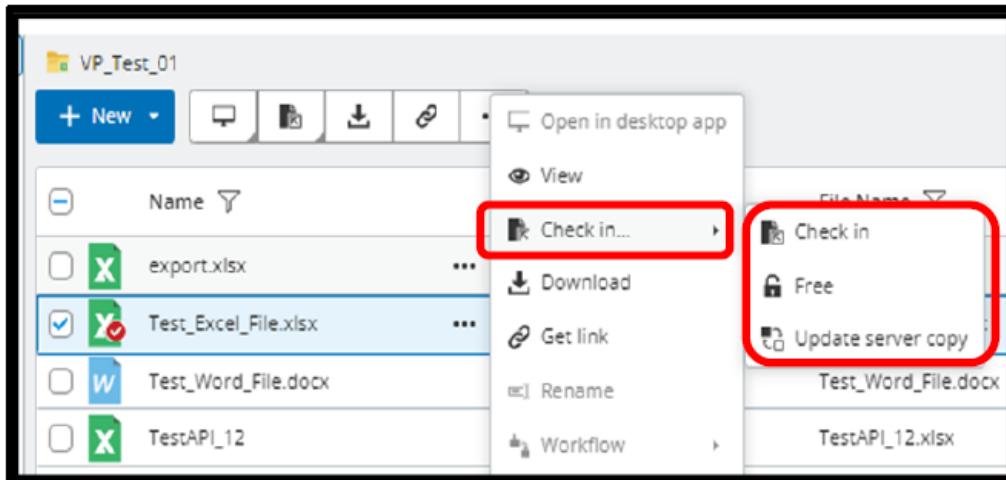


Checked out file name is different than PW file name

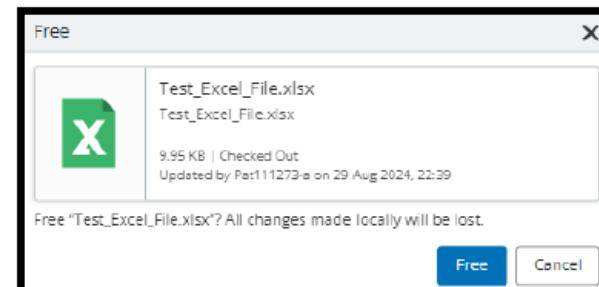


Checked out file name is same as PW file name

Work Area - Document Actions – Check in... (Contd.)



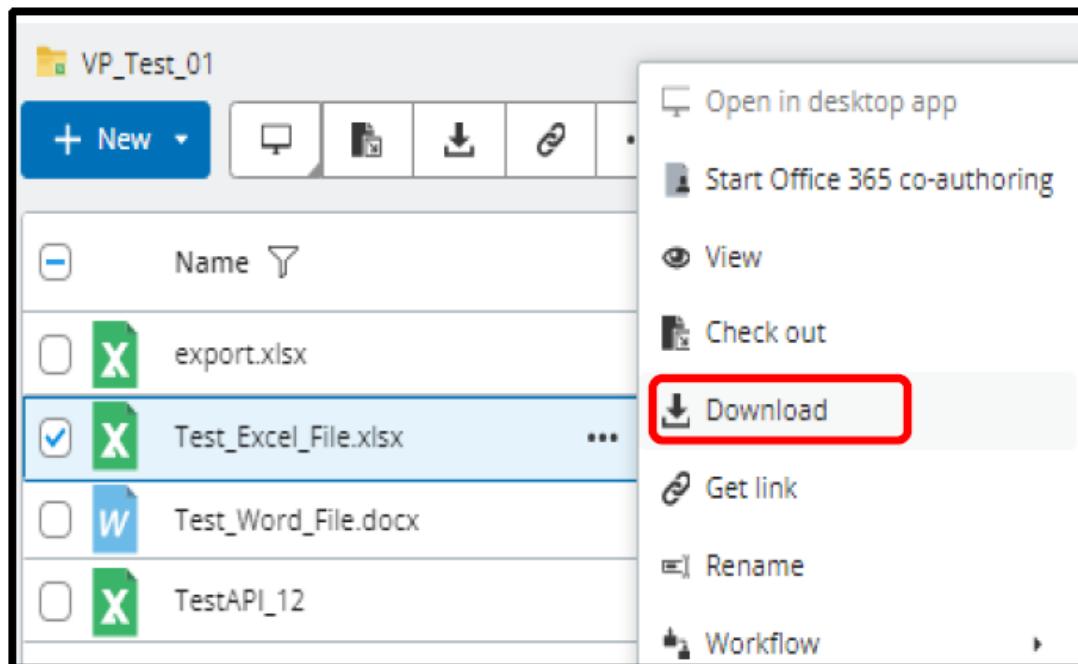
Checked out file name is different than PW file name



Free option pop-up

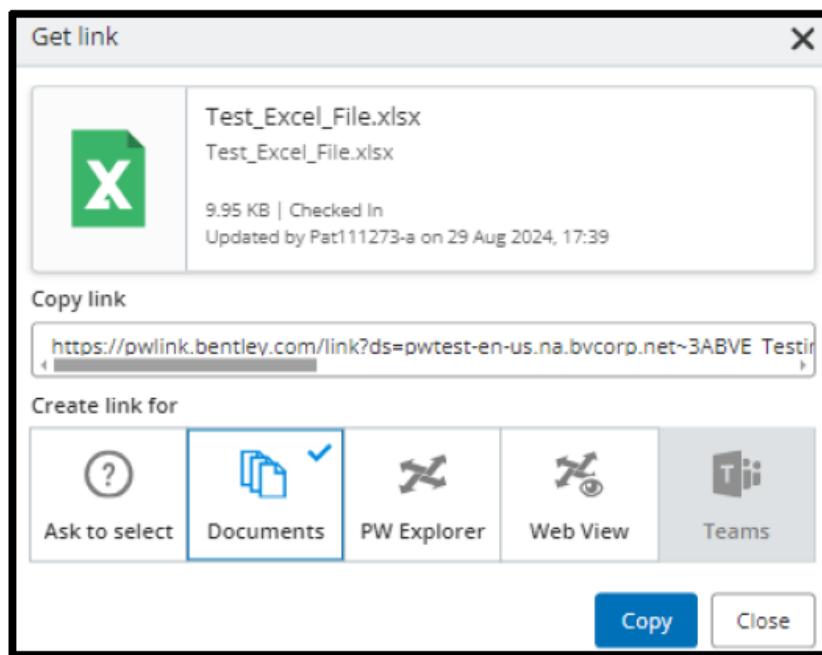
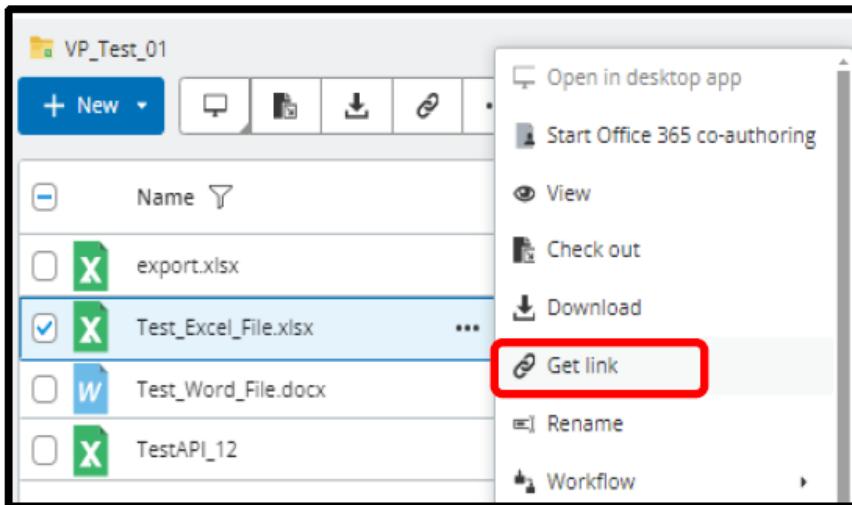
- Upon freeing the document, it'll confirm the loss of changes made on local file. Select appropriate option.
- Upon selecting “Update server copy” option, pop-up for file selection will come up. If selected file name is different than PW file name, it’ll show “Files names do not match” warning.
- Apart from that, a toggle switch is there for “Check in file upon update?” option. If it is required to check in file after updating server copy, turn that on, if not leave it disabled.

Work Area - Document Actions – Download



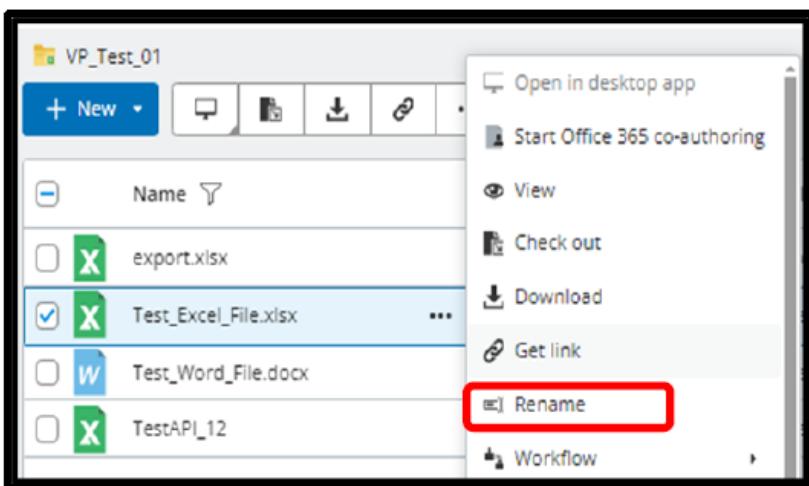
- This command will simply download the selected file in browser download directory.
- For folder download, it'll compress it in single zip file and download.
- It won't check out the document. So, it is preferred way to open any document in read-only mode.
- This is like exporting unmanaged copy in PWE.

Work Area - Document Actions – Get link

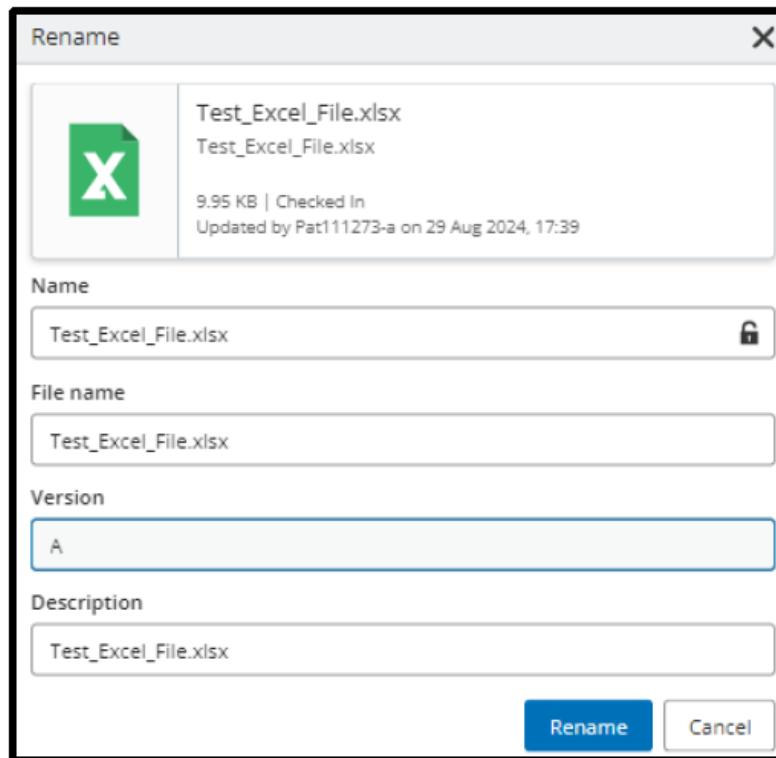


- It'll open pop up for various link generation as seen below.
- After selecting platform, click on Copy button to copy the link.
- Same feature is available in ProjectWise Drive.
- *Documents* option will generate sharable link for BIC platform.
- *PW Explorer* option will generate sharable link for PW Explorer platform.
- *Web View* option will generate sharable link for ProjectWise Web view (read-only) platform.

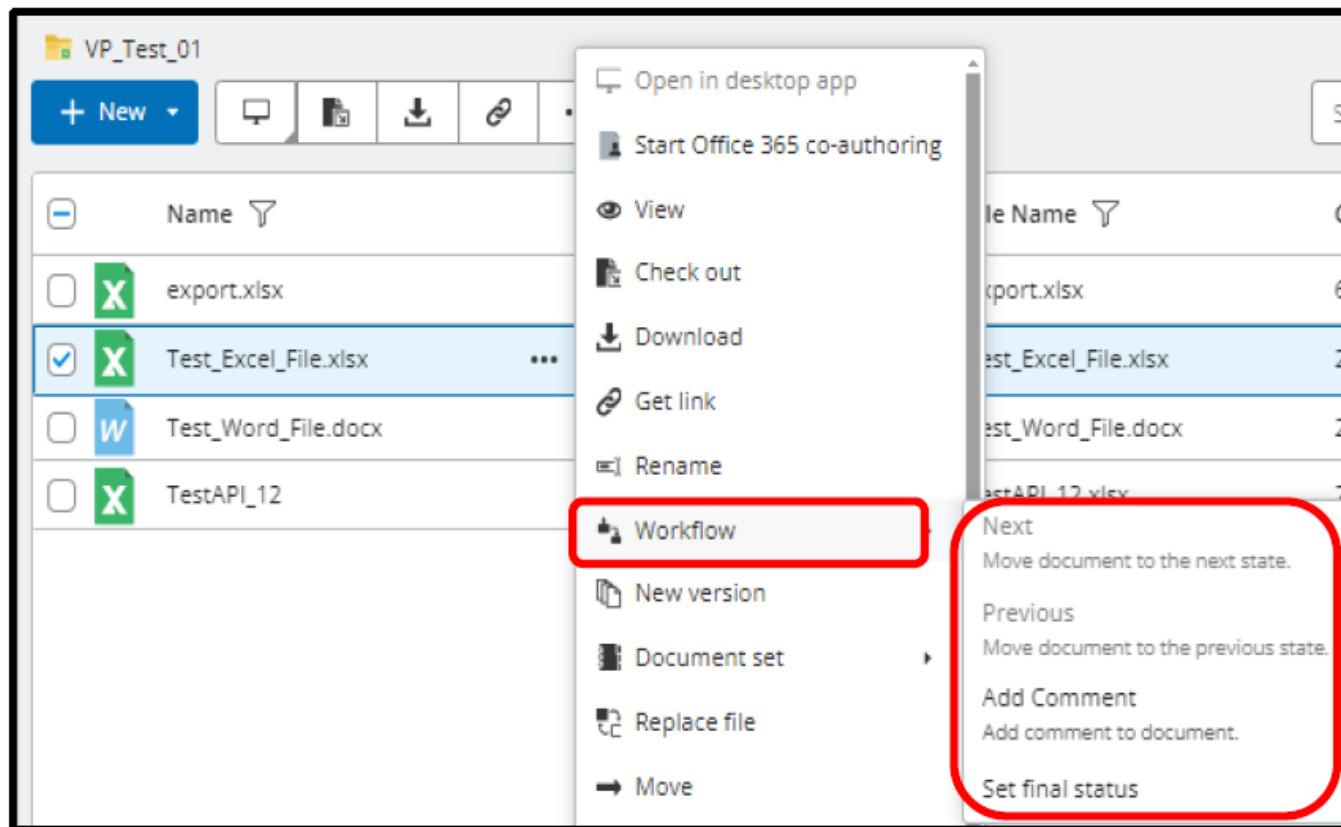
Work Area - Document Actions – Rename



- By clicking rename, below pop-up will appear.
- Name, File name, version and Description fields can be updated.
- This behaves same as PWE
- In ProjectWise Drive rename works only for name & file name field, not for description field.

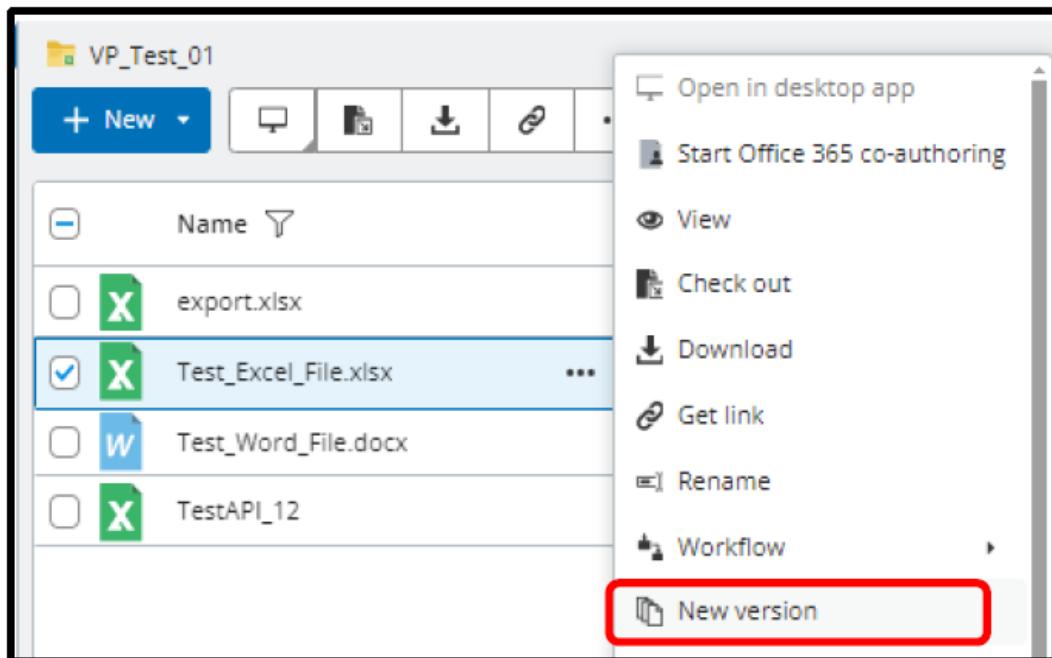


Work Area - Document Actions – Workflow

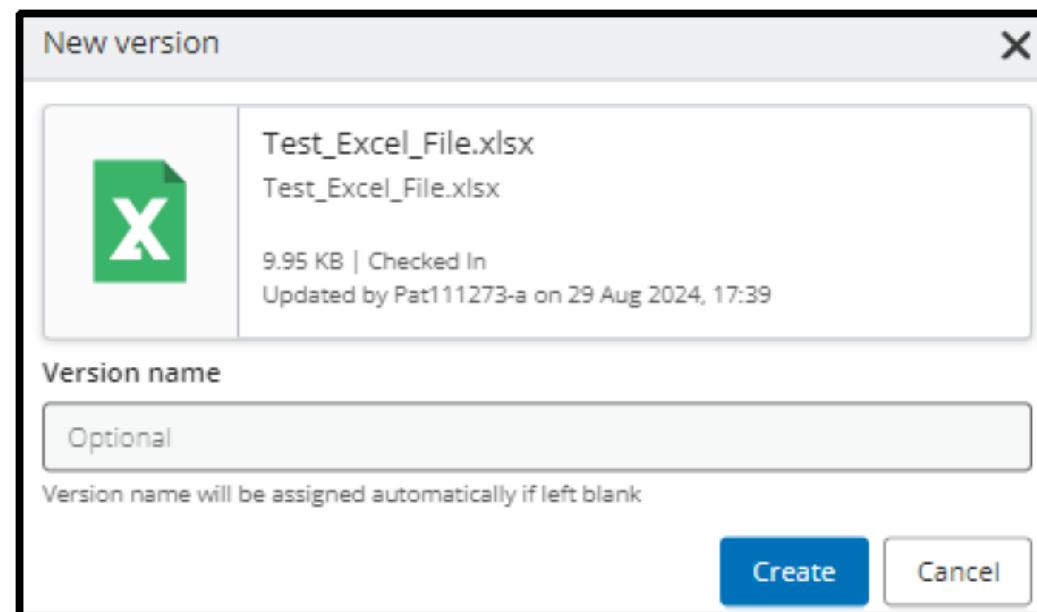


- This command will move document in predefined workflow set for the project.
- This feature is not available in ProjectWise Drive.

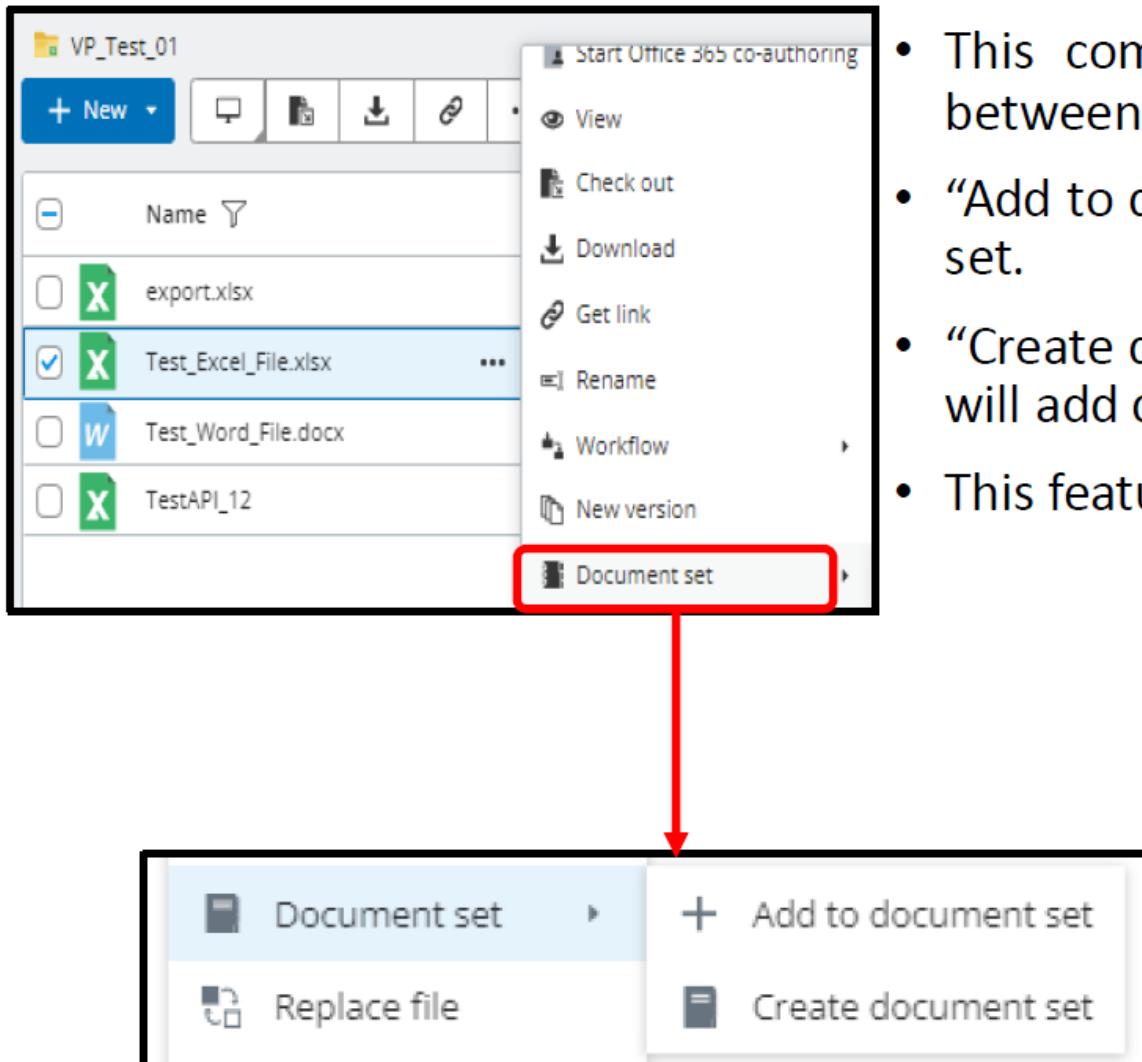
Work Area - Document Actions – New version



- This command will open pop-up for defining new version of selected document.
- This is same as PWE command Right Click -> New -> Version.
- This feature is not available in ProjectWise Drive.

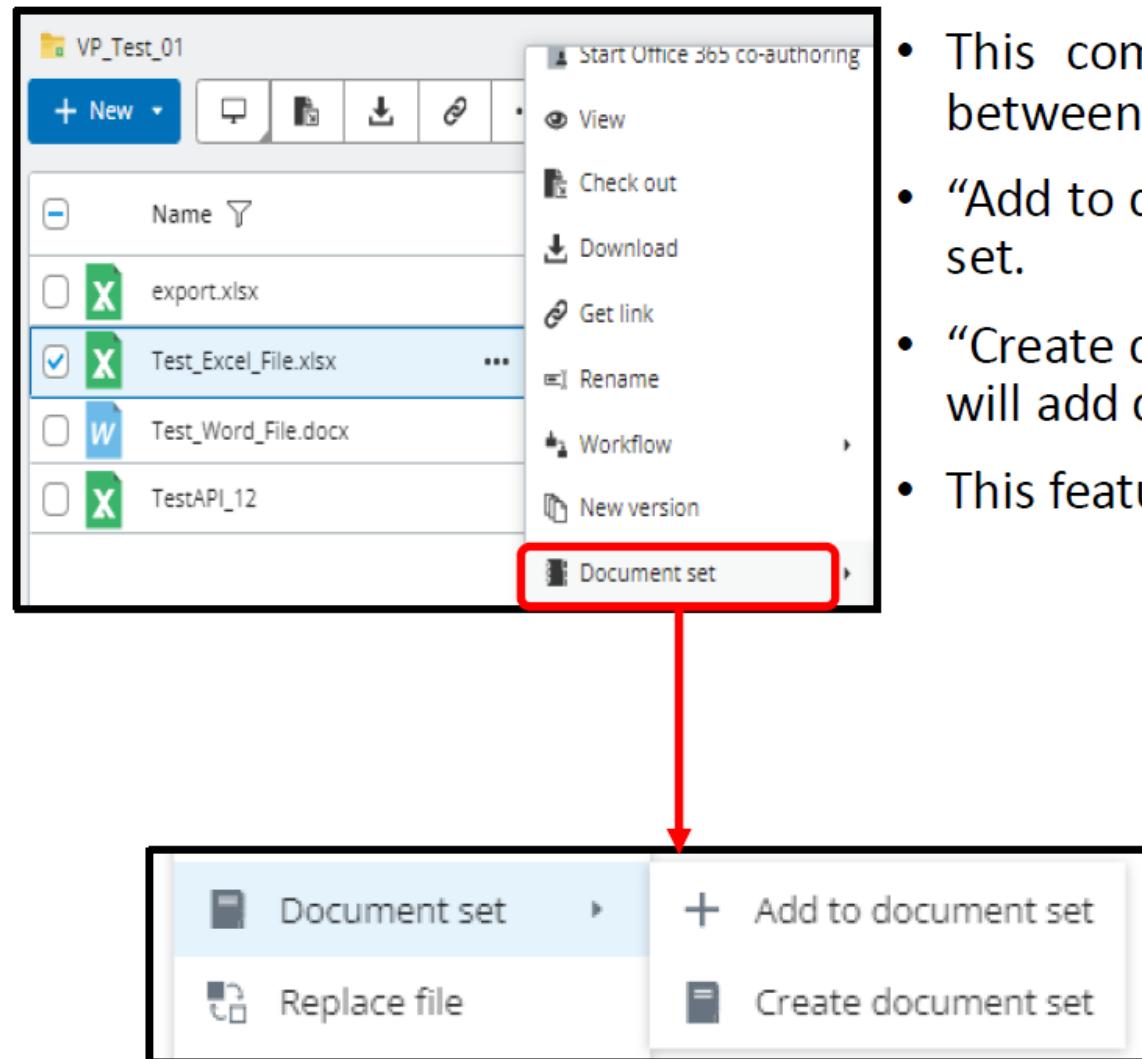


Work Area - Document Actions – Document Set



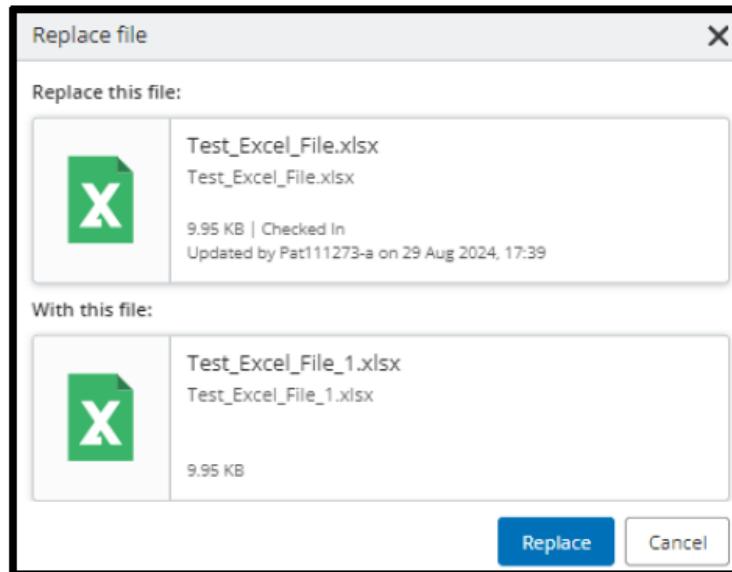
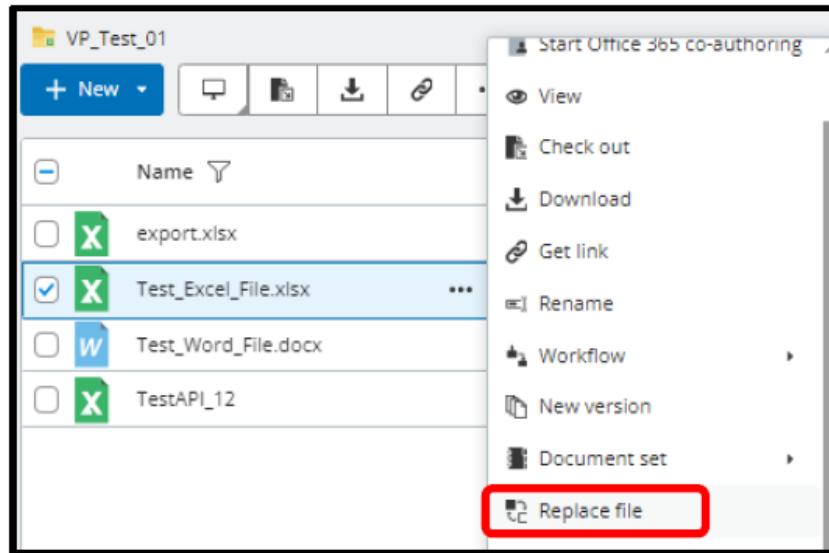
- This command comes with two options to create relationship between a flat set & a document.
- “Add to document set” will give choice to add document in existing set.
- “Create document set” will show pop-up for new flat set creation & will add document to it.
- This feature is not available in ProjectWise Drive.

Work Area - Document Actions – Document Set



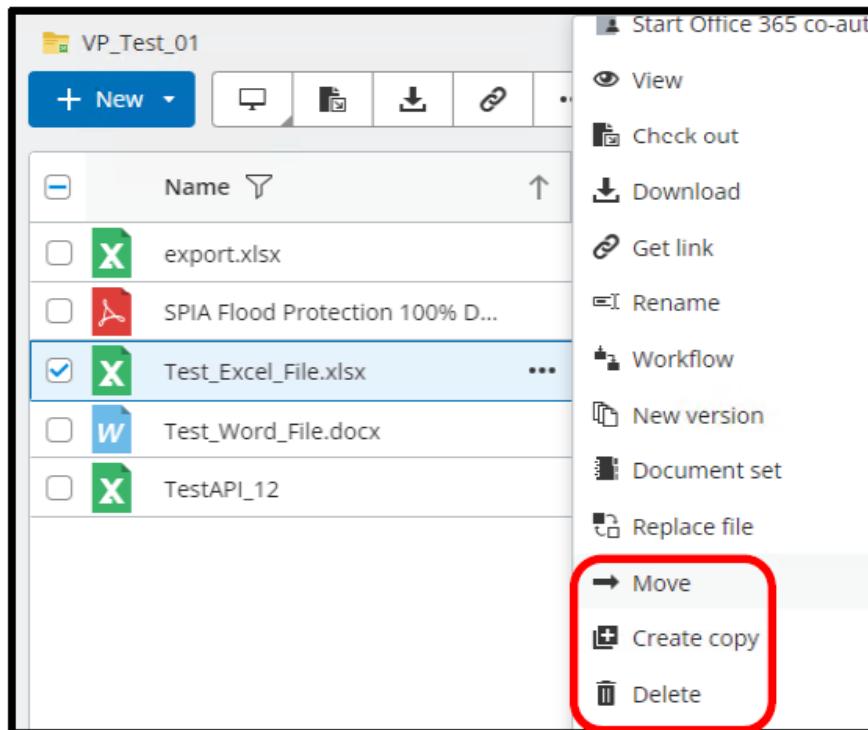
- This command comes with two options to create relationship between a flat set & a document.
- “Add to document set” will give choice to add document in existing set.
- “Create document set” will show pop-up for new flat set creation & will add document to it.
- This feature is not available in ProjectWise Drive.

Work Area - Document Actions – Replace file



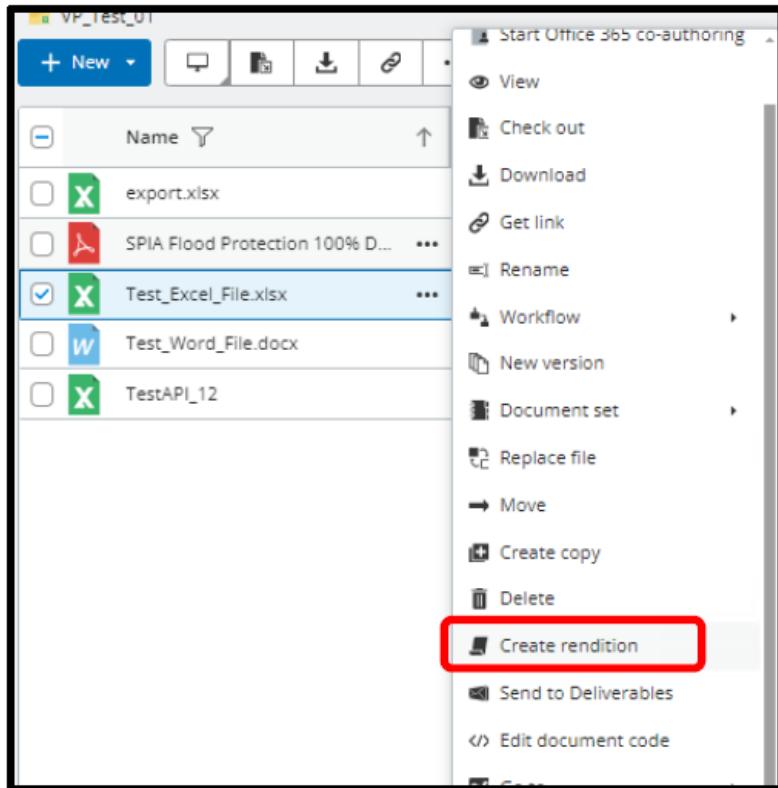
- This will open local file browser pop-up to select new file for replacing existing physical file.
- After selecting file, pop-up like shown in bottom left image will appear. Select appropriate option and proceed.
- This feature is not available in ProjectWise Drive.

Work Area - Document Actions – Move, Create copy, Delete

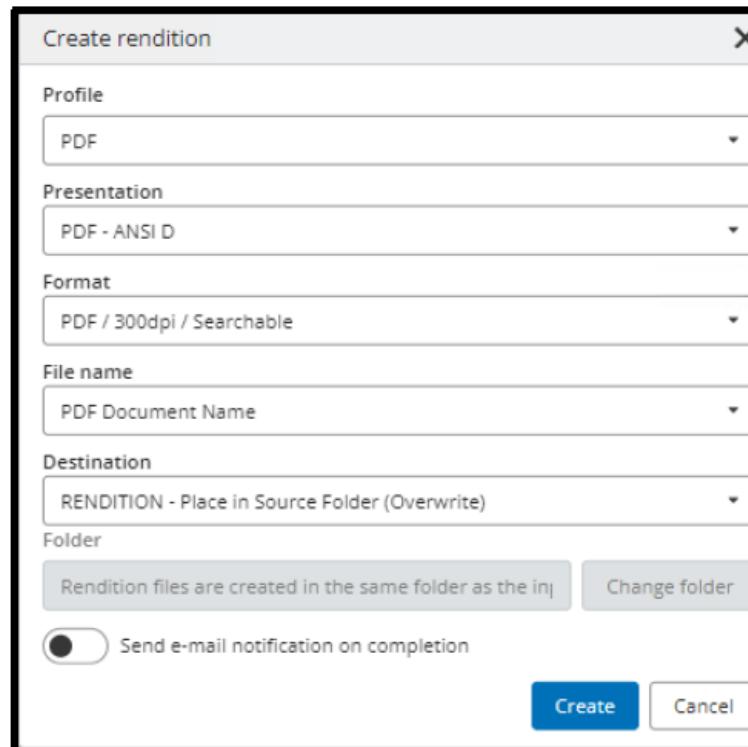


- Move command will open pop-up for selecting destination for moving the document along with versions or folder.
- Create copy command will open pop-up for selecting destination for creating copy of the document or folder.
- Delete command will delete selected items.
- Move and create copy features are not available in ProjectWise Drive.

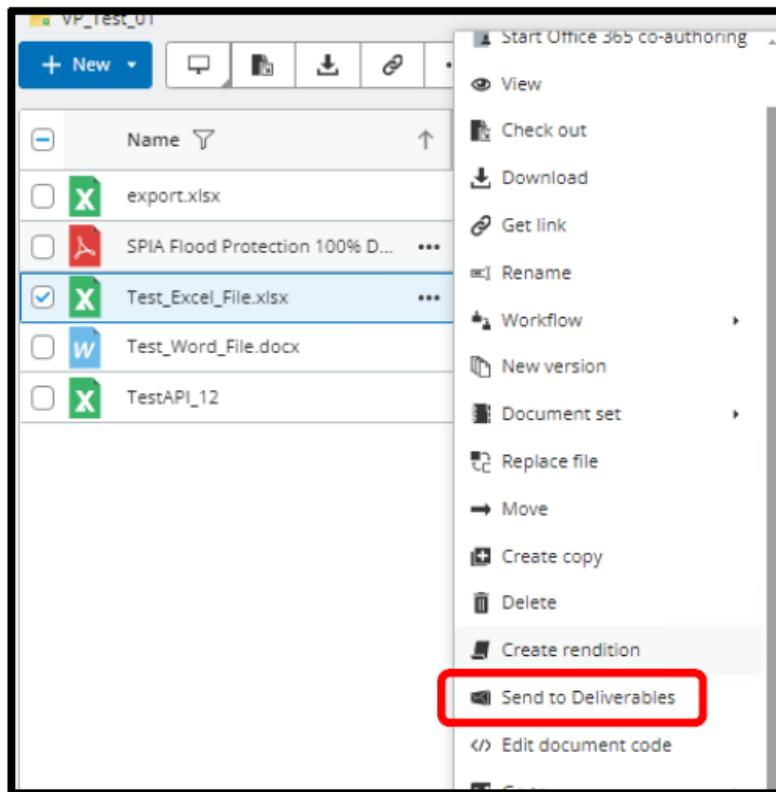
Work Area - Document Actions – Create rendition



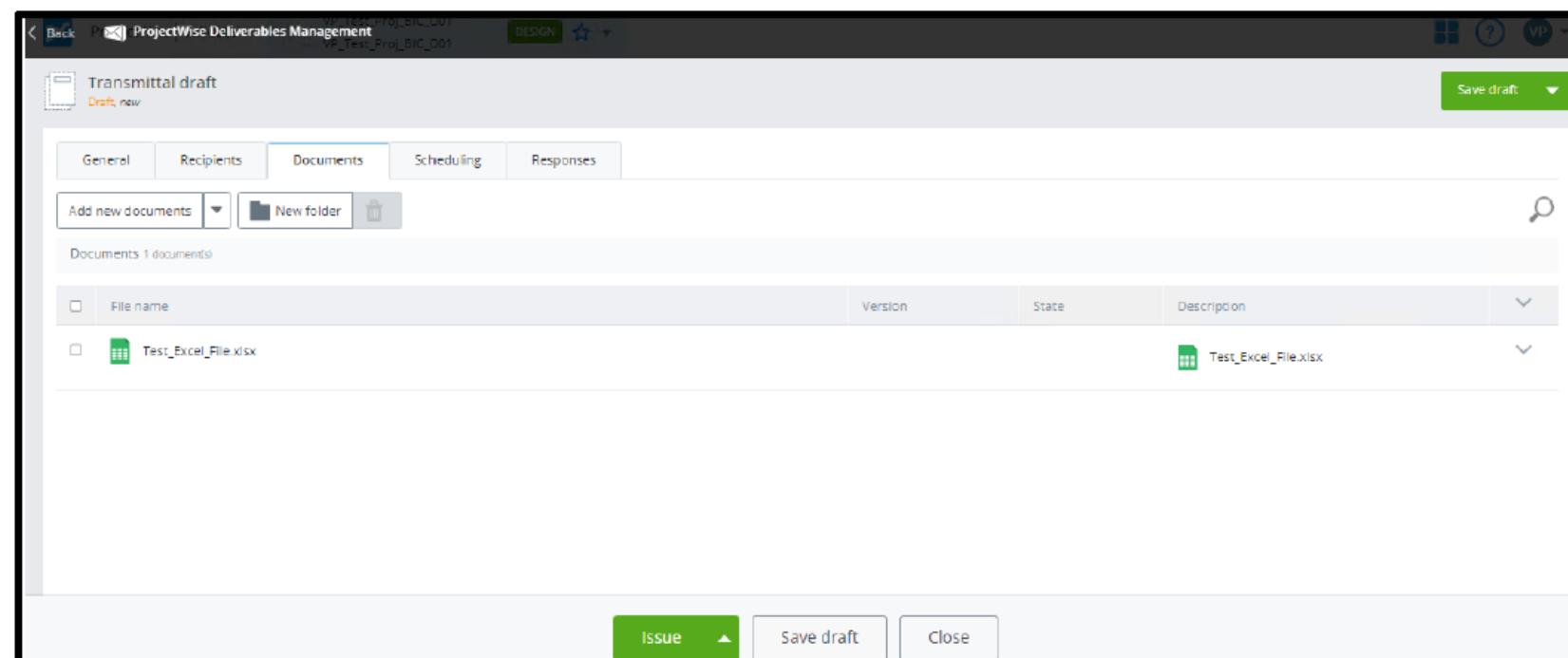
- Create rendition command will show pop-up with options same as ProjectWise explorer.
- This feature is not available in ProjectWise Drive.



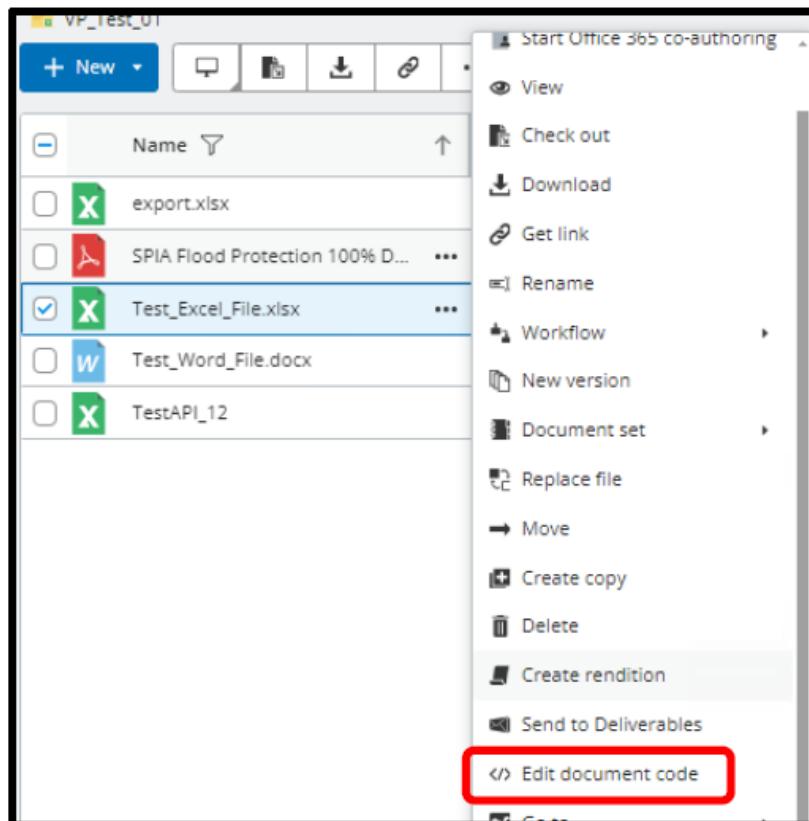
Work Area - Document Actions – Send to Deliverables



- Send to deliverables command will open transmittal draft form shown as below to create transmittal.
- This feature is not available in ProjectWise Drive.

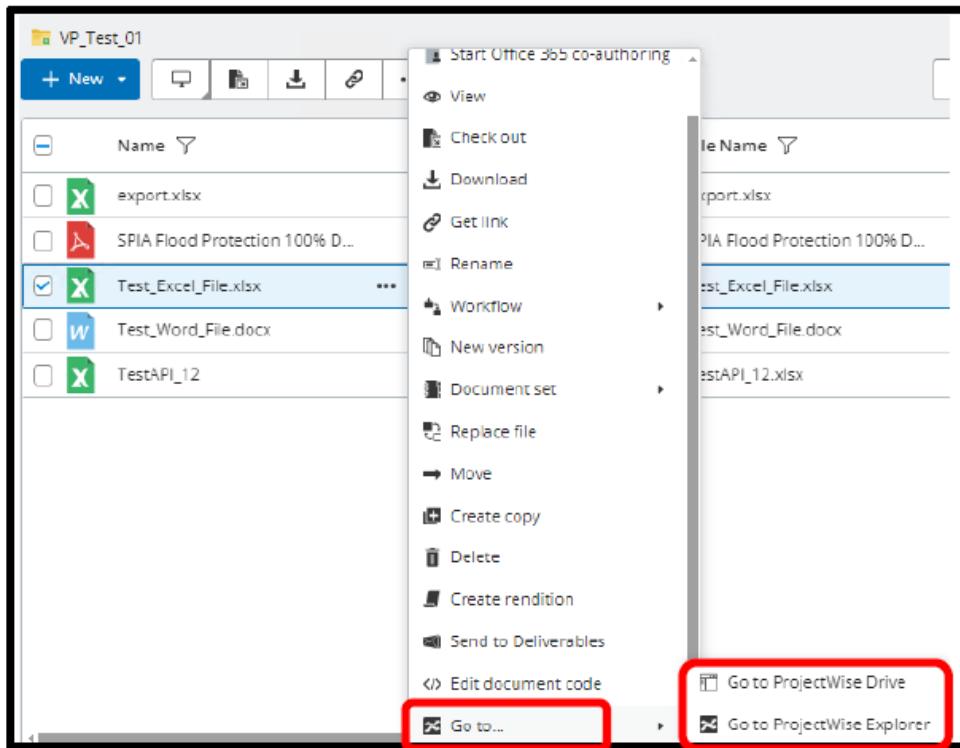


Work Area - Document Actions – Edit document code



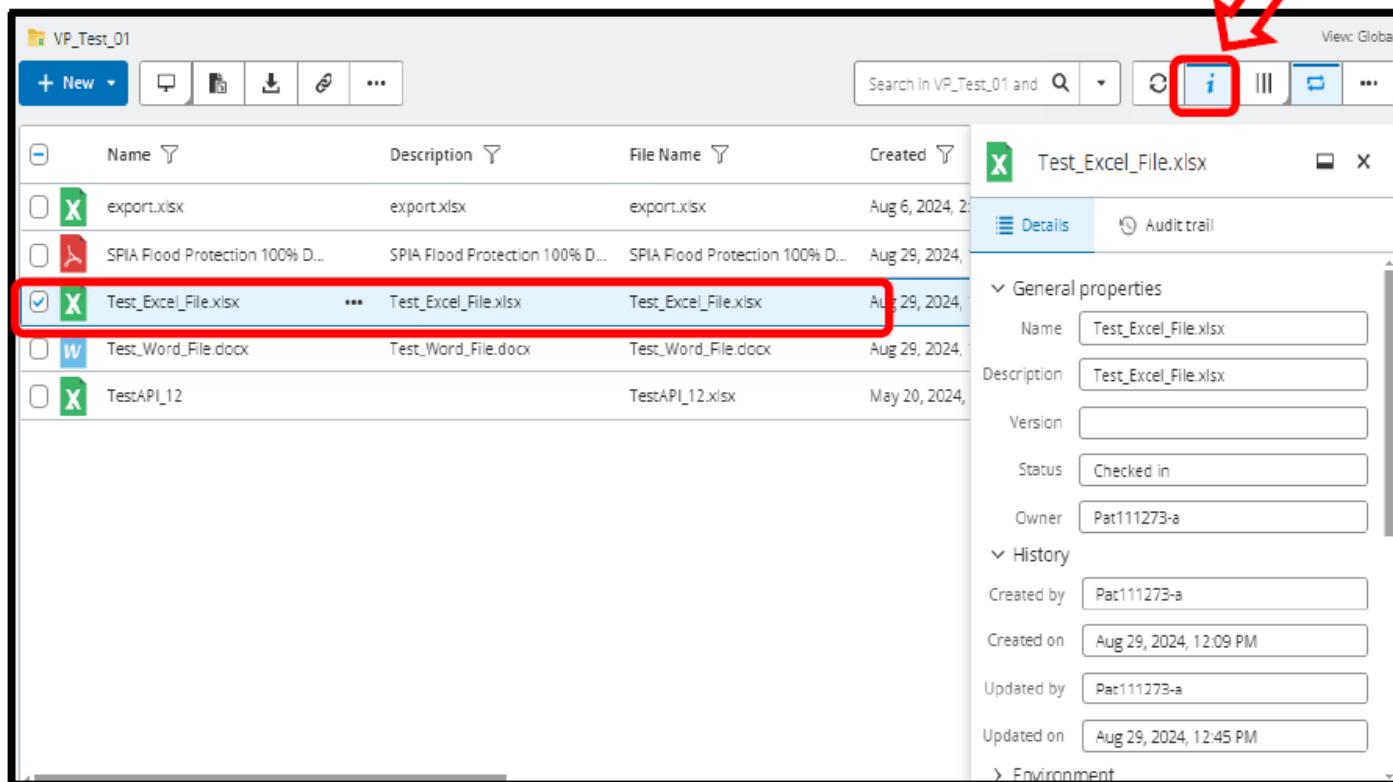
- Edit document code will open pop-up to edit document code as per the defined environment.
- This feature is not available in ProjectWise Drive.

Work Area - Document Actions – Go to...



- Go to... command will lead to “Go to ProjectWise Drive” and “Go to ProjectWise Explorer” options. Each will trigger ProjectWise Drive and ProjectWise Explorer to navigate to selected platform respectively.

Document or Folder information



VP_Test_01

+ New     

Search in VP_Test_01 and      

Name	Description	File Name	Created
 export.xlsx	export.xlsx	export.xlsx	Aug 6, 2024, 2:15 PM
 SPIA Flood Protection 100% D...	SPIA Flood Protection 100% D...	SPIA Flood Protection 100% D...	Aug 29, 2024, 12:09 PM
<input checked="" type="checkbox"/>  Test_Excel_File.xlsx	Test_Excel_File.xlsx	Test_Excel_File.xlsx	Aug 29, 2024, 12:09 PM
 Test_Word_File.docx	Test_Word_File.docx	Test_Word_File.docx	Aug 29, 2024, 12:09 PM
 TestAPI_12		TestAPI_12.xlsx	May 20, 2024, 12:09 PM

Test_Excel_File.xlsx

General properties

Name	Test_Excel_File.xlsx
Description	Test_Excel_File.xlsx
Version	
Status	Checked in
Owner	Pat111273-a

History

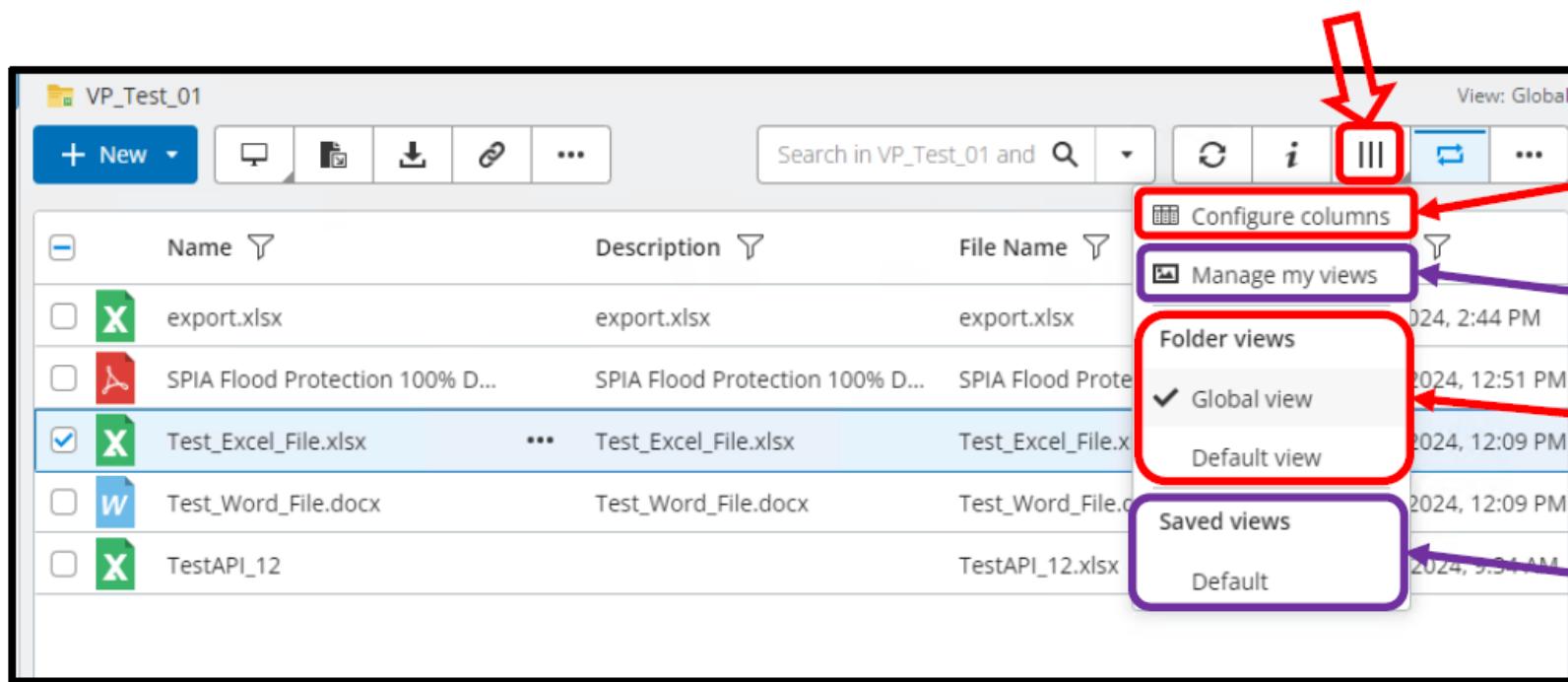
Created by	Pat111273-a
Created on	Aug 29, 2024, 12:09 PM
Updated by	Pat111273-a
Updated on	Aug 29, 2024, 12:45 PM

> Environment

- After selecting item, click on **i** button in top to see the details and audit trail for item.
- Audit trail can be exported if required using “Export to file” button in CSV format.
- This feature is not available in ProjectWise Drive.

Column Views

- Column views button (|||) can be selected from anywhere in work area.
- With this user can customize columns and save the view. Also, user can select predefined column views for work area.



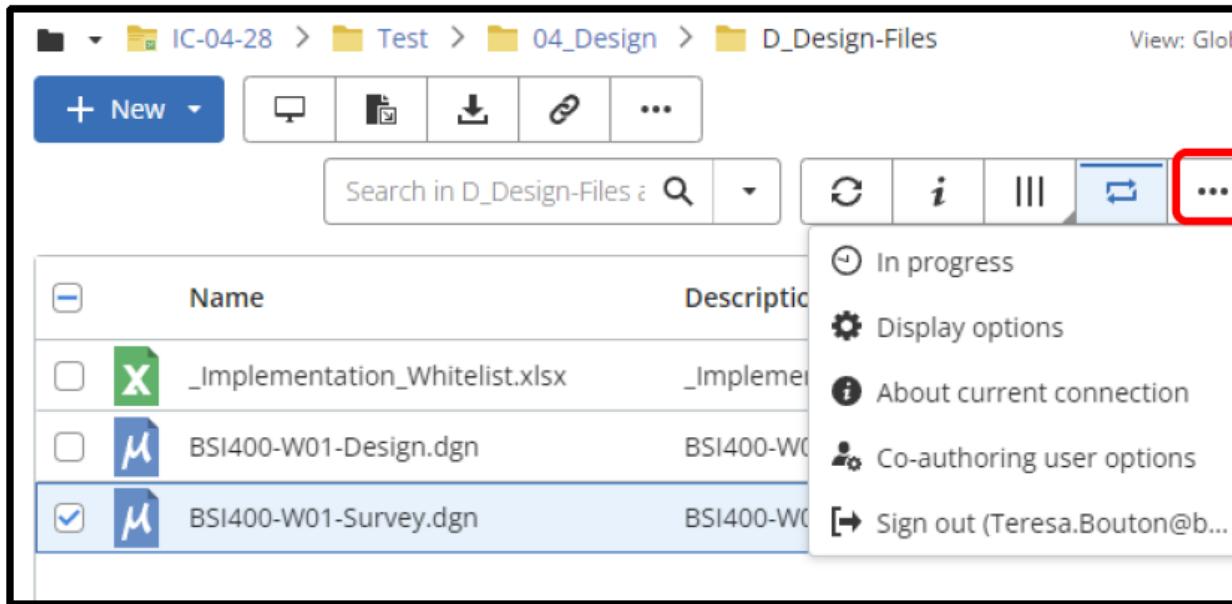
Configure columns – To customize columns list as per user requirement and save it as personal view.

Configure columns – To customize columns list as per user requirement

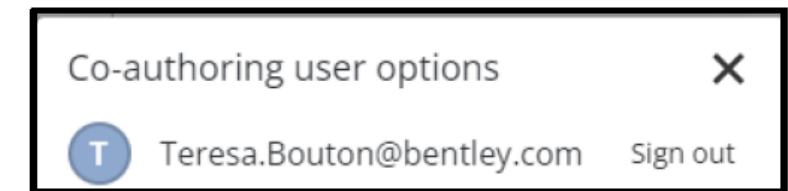
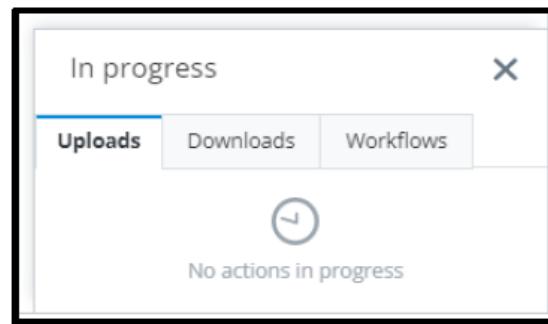
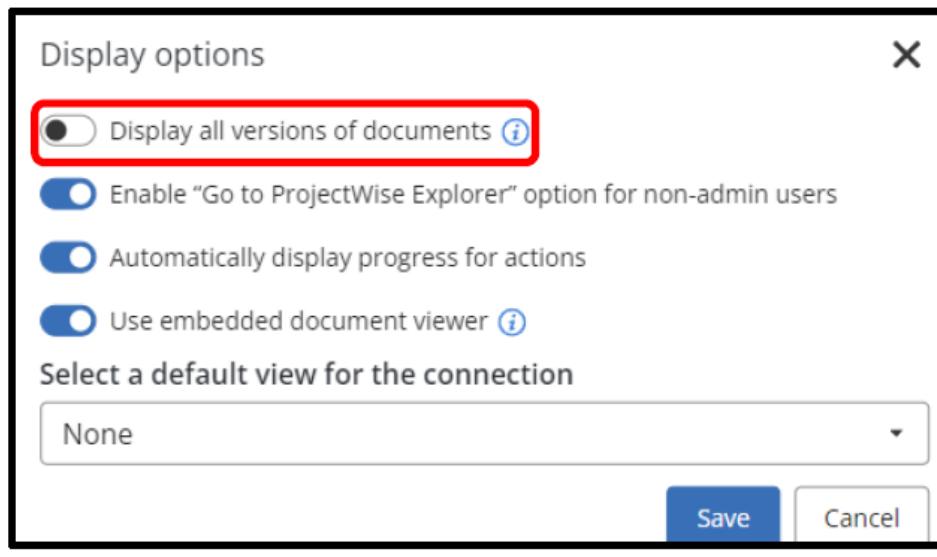
Folder Views – To select existing folder views.

Saved Views – To select saved views by user which are available for all Bentley Infrastructure Cloud connections.

More options



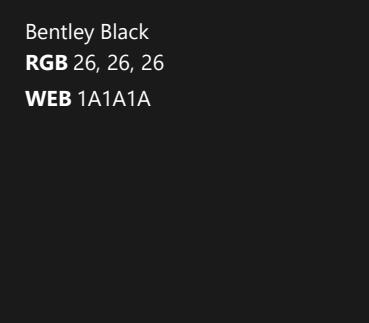
- More options button will show various options.
- “In progress” option will dock small window which will show any uploads, downloads or workflows in progress.
- “Display options” will shows options for turning on and off all versions for documents, progress for actions, etc.
- “About current connection” will show details of Web server and WSG plugin.
- “Co-authoring user options” will show details of user which is signed in into Office 365 for co-authoring.



Our Colors

CMYK | RGB | WEB | PMS

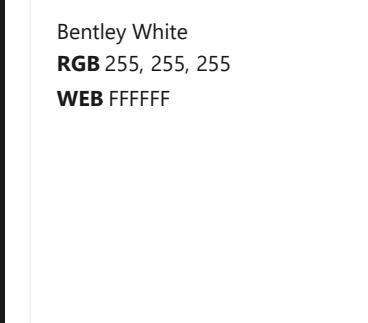
The Bentley color palette has been carefully crafted and has evolved to convey the ideas of a stable, professional, technical, and modern software company. The use of the colors represents the overall brand and maintains a sense of consistency throughout Bentley's marketing.



Bentley Black

RGB 26, 26, 26

WEB 1A1A1A



Bentley White

RGB 255, 255, 255

WEB FFFFFF

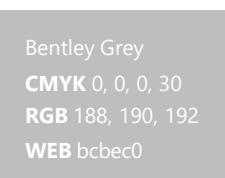


Bentley Green

RGB 68, 214, 44

WEB 44D62C

Pantone 802 C

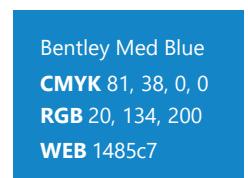


Bentley Grey

CMYK 0, 0, 0, 30

RGB 188, 190, 192

WEB bcbec0

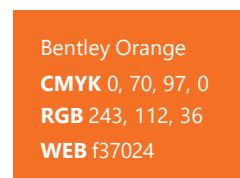


Bentley Med Blue

CMYK 81, 38, 0, 0

RGB 20, 134, 200

WEB 1485c7



Bentley Orange

CMYK 0, 70, 97, 0

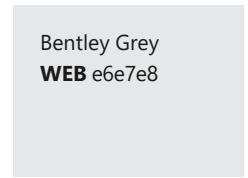
RGB 243, 112, 36

WEB f37024



Bentley Grey

WEB d1d3d4



Bentley Grey

WEB e6e7e8

Bentley PowerPoint Resources (hyperlinked)

All can be found on [Branding Portal](#)

PowerPoint Support Graphics Library

Inventory of graphics aligned with Corporate messaging, which should be proliferated in our presentations for consistency in how we communicate storylines. These graphics are also designed as PowerPoint objects to provide flexibility for color changes as needed.

Pre-made Slide Layouts

Some pre-designed slide layouts for some of the more common use cases (be sure to check the presenter notes for more details on each slide).

Industry Divider Slides

These are now hosted as a separate file to keep this main template simplified and a smaller file size.



Bentley Infrastructure Cloud Getting Started - Administrators

Training Overview

2025

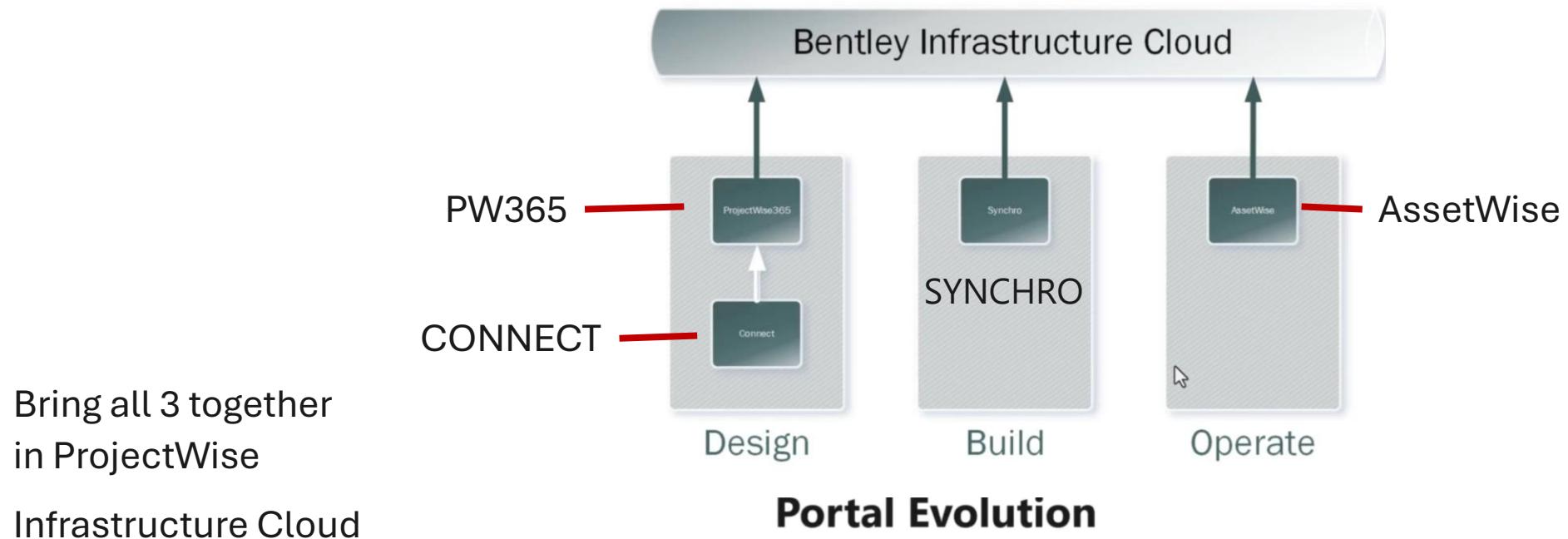
Teresa Bouton
Senior Consultant

Bentley[®]

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Portal Evolution from CONNECT to Bentley Infrastructure Cloud

Portal Evolution



Portal Evolution

Connect	ProjectWise365	Bentley Infrastructure Cloud
<ul style="list-style-type: none">• ProjectWise Web• Deliverables Management• Insights• Issue Resolution• Forms• iModel Manager• Design Validation	<ul style="list-style-type: none">• Project Template• Personal Work Inbox	<ul style="list-style-type: none">• SES Support• iModel Sync, Design Review & Clash Detection• Civil Validation & Analysis

Entitlements

In the Subscription Entitlement Service (SES), the term “**Entitlement**” simply refers to a user’s authorization to run a Bentley application. These entitlements are available to users at the organization based on the contractual obligations

Infrastructure Cloud - Project					
Entitlements					
		Manage	Engineer	Validate	Manage
					Project Owner
					Project Owner
					Project Owner
Administration	Manage Project Details	Edit			●
		Make available as Template			●
		Delete			●
	Manage Your Team	Invite & Configure Team Participants			●
		Create / Modify Team Roles & Permissions			●
		Remove Team Participants			●
	Manage External Organizations	Access Team Member and Role Management			●
		Invite / Remove invitation			●
	PDF Settings	Create a Plan Set			●
	Inspections Configuration	Configure Standard Inspections forms Workflows			●
	Cost Code Configuration	Setup Cost Codes to be used in SYNCHRO Modeler			●
	Manage Forms	Create / Modify Forms definition			●
Work		Delete Forms definition			●
		Upload / Download Reality Data			●
	Reality Management	Associate / Deassociate Reality Data			●
		Delete Reality Data			●
		Modify Attributes			●
	Document Settings	Create / Modify / Delete Connection			●
		Modify Office 365 storage settings			●
	Manage PowerBI Dashboards	Add			●
	Deliverables Settings	Create / Modify / Delete DM Settings			●
	Hierarchy tree configuration				●
Documents	Forms	View	●	●	●
		Create	●	●	●
		Comment	●	●	●
		Assign	●	●	●
		Approve	●	●	●
		Delete			●
Deliverables Management	Documents	Modify	●	●	●
		Set Folder Access	●	●	●
		Delete	●	●	●
		Read-Only	●	●	●
		Plan Set	View and Markup Plan Sets	●	●
iModel Manager	iModels	Specification	View	●	●
		Media Indexing	View and Markup images	●	●
		Component Center	View	●	●
		Transmittals / Submittals / RFIs / General	Read & Create Draft Packages	●	●
		Correspondance	Receive External Packages	●	●
iModel Viewer	iModels	Issue Packages	●	●	●
		Approve RFI Response	●	●	●
		Create			●
		Manage Content			●
		Manage Versions			●
		Export to IFC	●		●
Dashboards	Forms Dashboard	Edit			●
		Set Access			●
		Delete			●
		Access	●	●	●
4D	Project Insights	View	●	●	●
		Configure			●
		View	●	●	●
4D	Schedule	View Visual 4D Planning	●	●	●

Organization Enterprise Settings (Bentley IMS Admin)

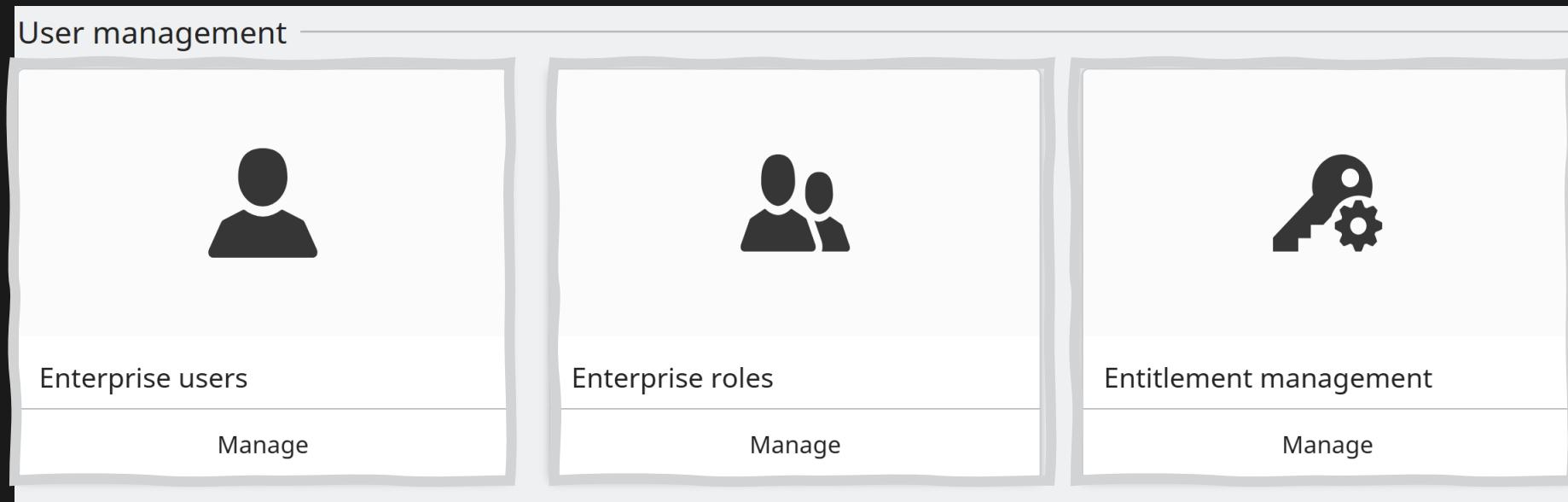
Enterprise settings are managed by the Bentley IMS Administrator.

Three enterprise applications configure users, roles, and entitlements/licensing

Enterprise Users: Manage user accounts and invitations.

Enterprise Roles: Assign roles for granular access control.

Entitlement Management: Set default entitlements, manage licensing, and assign to specific groups.



Entitlements

Entitlement Comparison Table

Entitlement	Typical User	Key Capabilities	Example Tasks
Manage	PM/Reviewer	Review, create issues	Oversight, issue creation
Engineer	Designer, Surveyor	Model, edit, collaborate	Design, <u>address</u> issues
Validate	Discipline Lead, BIM Coordinator	Manage <u>iModels</u> , project-wide validation	Model checking, superelevation review, clash detection

Example-Project Manager Needs:

- Markup PDFs
- Access files in ProjectWise
- Create Issues in iModels

Required Entitlements:

- ProjectWise Manage

Example-Surveyor Needs:

- Add survey models to project
- Use OpenRoads Designer to create Terrain
- Hand off terrain DGN to BIM Manager

Required Entitlements:

- ProjectWise Engineer
- OpenRoads Designer

Example-Civil Designer Software Needed:

- ProjectWise Explorer
- OpenRoads Designer
- Validation Tools in iModels

Required Entitlements:

- ProjectWise Validate
- OpenRoads Designer

Entitlements

Organization-wide Roles

- Allow or restrict iTwin services across ALL projects
- Available in all iTwins
- Includes OOTB Roles
 - Project Administrator
 - Team Member

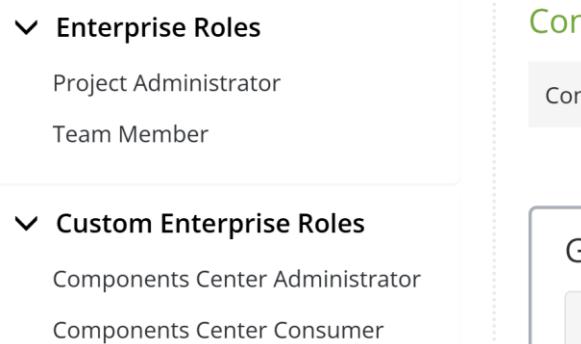
Owner Roles

- Only one type: **ITWIN OWNER**
- Automatically assigned to iTwin creator
- Full Control of iTwin

iTwin Roles

- Defined and maintained per iTwin
- Can be pre-defined in a template
- Examples included in Standard Templates

Enterprise Role Management



PROJECT

Standard Project Template

- Engineer
- Manage
- Validate

BUILD

Standard Construction Template

- Admin
- Contributor
- Project Manager

Entitlements vs. iTwin Roles

Entitlements

- Set by organization to control software and BIC services for its users
- iTwin Overrides for Project and Build

Roles

- Assigned per iTwin project for form assignments and access control.
- Control access to iModels, Documents, Deliverables, Dashboard.

NOTE:

ProjectWise Work Area access is managed in ProjectWise Explorer, not BIC.

Entitlements

Benefits of Role-Based Entitlements

- **Efficiency:** Right tools for the right users.
- **Governance:** Controlled access and accountability.
- **Collaboration:** Clear responsibilities.

Example – Project Manager

Needs:

- Markup PDFs
- Access files in ProjectWise
- Create Issues in iModels

Required Entitlements:

- ProjectWise Manage

Example – Surveyor

Needs:

- Add survey models to project
- Use OpenRoads Designer to create Terrain
- Hand off terrain DGN to BIM Manager

Required Entitlements:

- ProjectWise Engineer
- OpenRoads Designer

Example – Civil Designer

Software Needed:

- ProjectWise Explorer
- OpenRoads Designer
- Validation Tools in iModels

Required Entitlements:

- ProjectWise Validate
- OpenRoads Designer

Team Management

One way to Manage Entitlements:

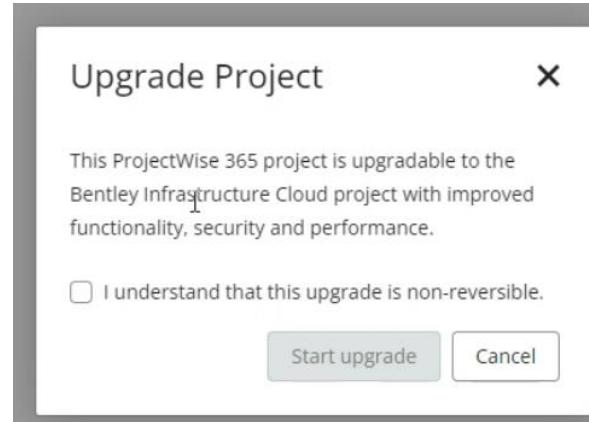
https://bentleysystems.service-now.com/community?id=kb_article_view&sysparm_article=KB0036134

Also read Access Control Best Practices:

https://bentleysystems.service-now.com/community?id=kb_article&sysparm_article=KB019690

Spreadsheet with Entitlements and Permissions: [Bentley Infrastructure Cloud - Administration – Manage Your Team – Communities](#)

Upgrade Path for Existing Cloud Projects to Infrastructure Cloud



This tool only reprovisions project, does not move data

Old links from ProjectWise365 will still work and take you to Bentley Infrastructure Cloud

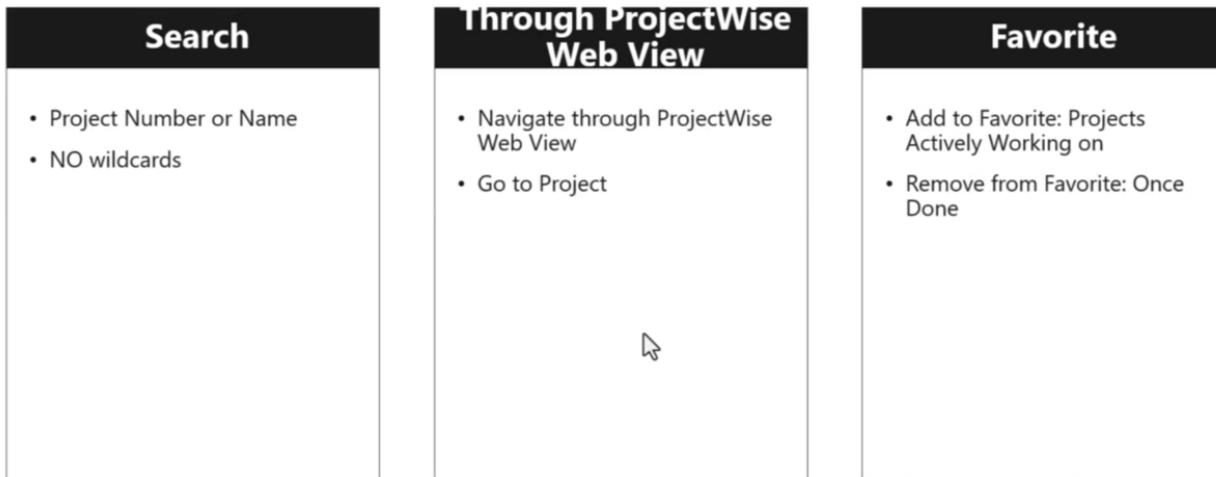
Work Area connections do not have to be reassociated at the work area

For Deliverables Management, External users don't need to upgrade the Project on their side, they can continue to use it even if the main Project is upgraded

Enterprise Roles have been exposed now so Team members will now have permission work in the Project

Forms and workflows with Enterprise roles are not able to be moved yet

Navigating Cloud Projects



Projects

Search Bar

My projects All projects Favorites

Register a project

Project number Project name Location Created on

10258 Alpha

10258 PW365 DESIGN MetroStation-ISO19650-PW365 Jan 13, 2021

Web View

ProjectWise Web View

Datasources Administration

AM-DEMO-DS-CONS1
AM-DEMO-DS-HORROCKS
AM-DEMO-DS-INF
AM-DEMO-DS-ITWIN-365
AM-DEMO-DS-METROSTATIO...
AM-DEMO-DS-SKYDOME
AM-DEMO-GEN-DS-365
AM-DEMO-GEN-DS-DM
AM-DEMO-GEN-DS-REVIEW
AM-DEMO-GEN-RLD-PWPPD
AM-DEMO-MFTR-CAID-JRR
AM-DEMO-PLNT-EXN-MBL

decide ISO19650 Transit

Name Description

MetroStation-ISO19650
MetroStation-ISO19650-Build
MetroStation-ISO19650.cfg
MetroStation-ISO19650.dgnws

Download Get link Go to project

Add to Favorite

D1000 Roadway Design Project

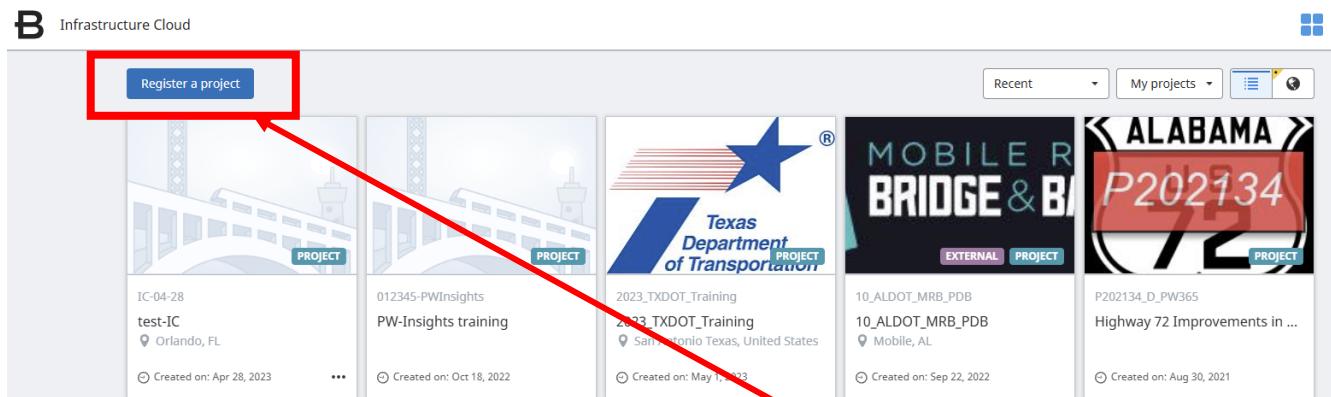
Created on: May 13, 2024

IC-Design-PoC
IC-Design-PoC

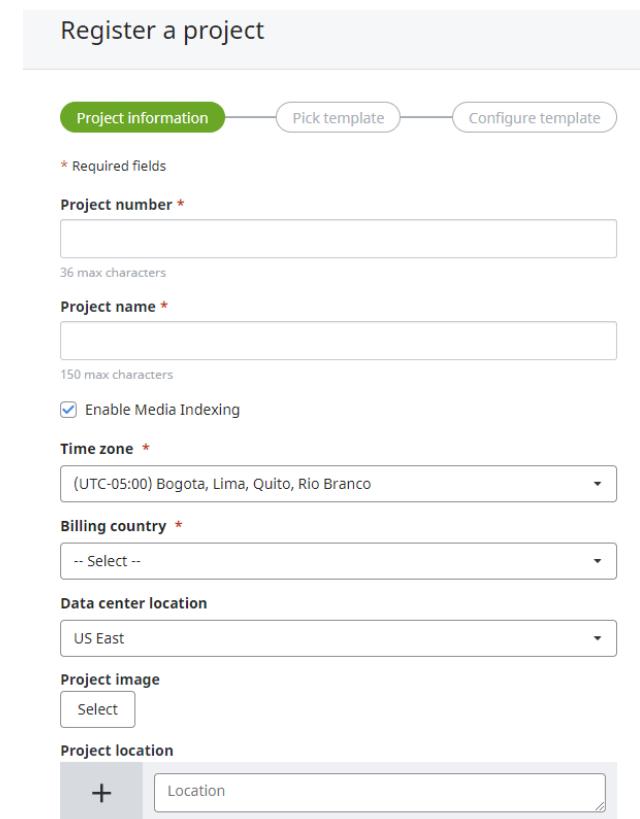
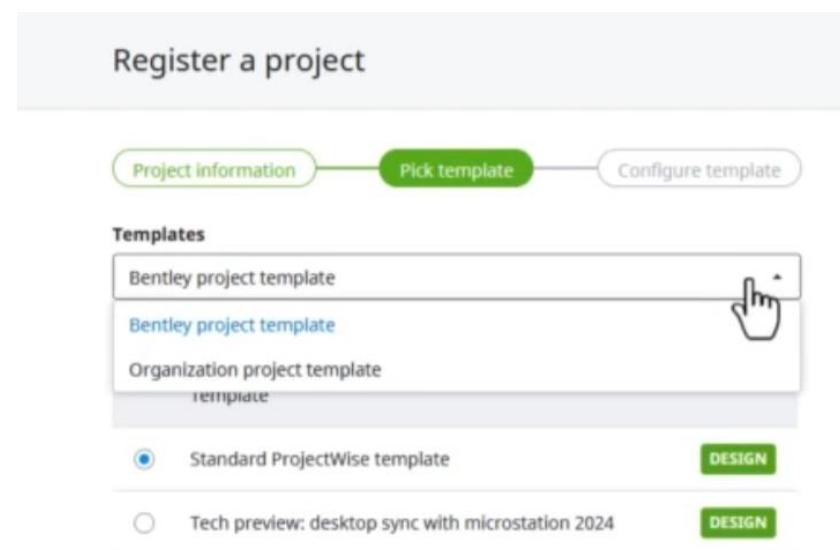
Created on: Apr 24, 21

Upload Project Image Add to Favorite

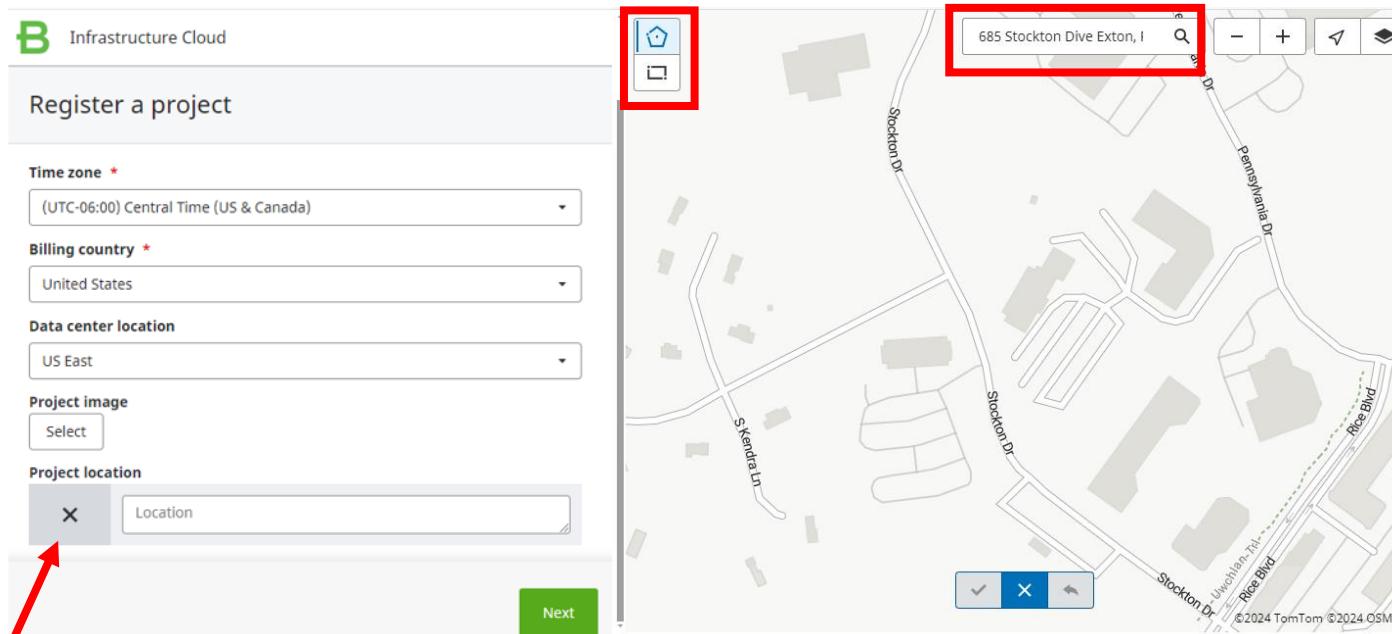
Portal Project Creation



From the Infrastructure page select **Register a Project**. This option is only available to those with the **Validate Entitlement** permission.



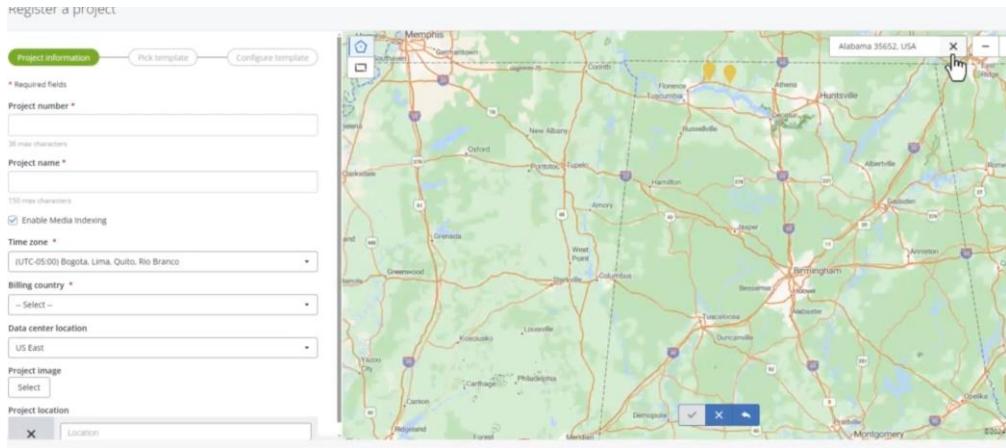
Portal Project Creation



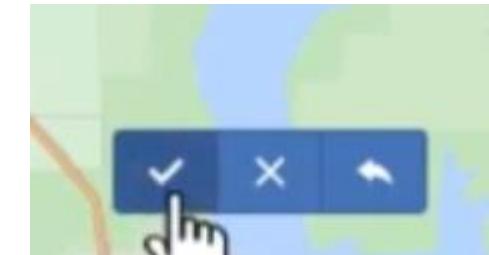
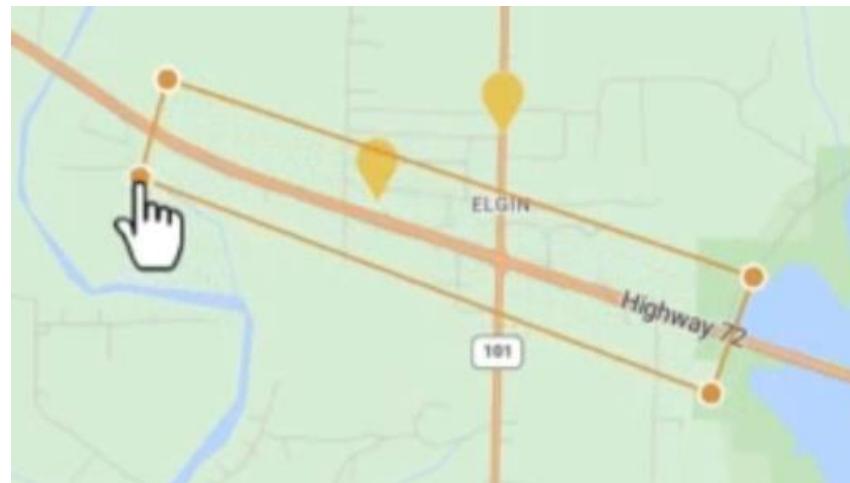
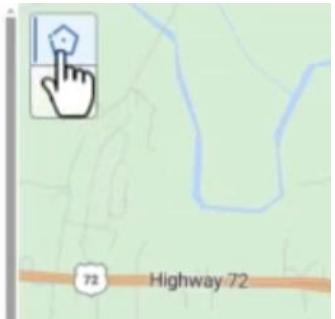
Project Location can be selected at this point or at any time after the Project is created by entering a Project address or using the select tools available

Project Location

Project Location, if you know exact address you can search for it



You can use shape to indicate range of your project



Portal Project Creation

Register a project

Project information → Pick template → Configure template

 Project successfully registered!

 Copying items

Copy iModels

Setup desktop sync iModel

Copy Roles

Copy Document Folders

Enable Documents

Enable ProjectWise Deliverables Management

Copy ProjectWise, Powered by iTwin Template Forms

Important!

By choosing **Provide licenses for external team members**, the ProjectWise Subscriber organization is responsible for providing the license entitlement. Changes associated with external participant usage will be attributed to the ProjectWise Subscriber's Organization.

This setting does not affect Inviting External Organizations to Collaborate through Deliverables Management. In this case users must Bring their Own License.

[Learn More](#)

Data center location

US East

Project image

Select

Project location



Location

Make available as template 

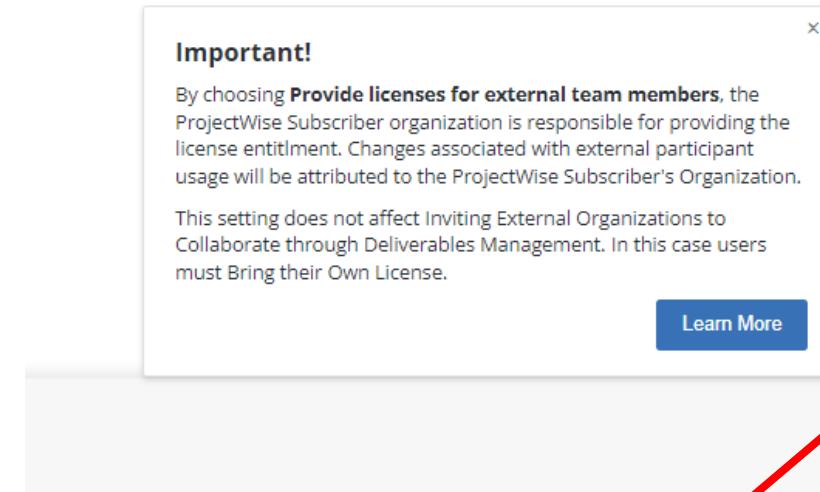
External Team Member Management

Provide licenses for external team members

Save

Next

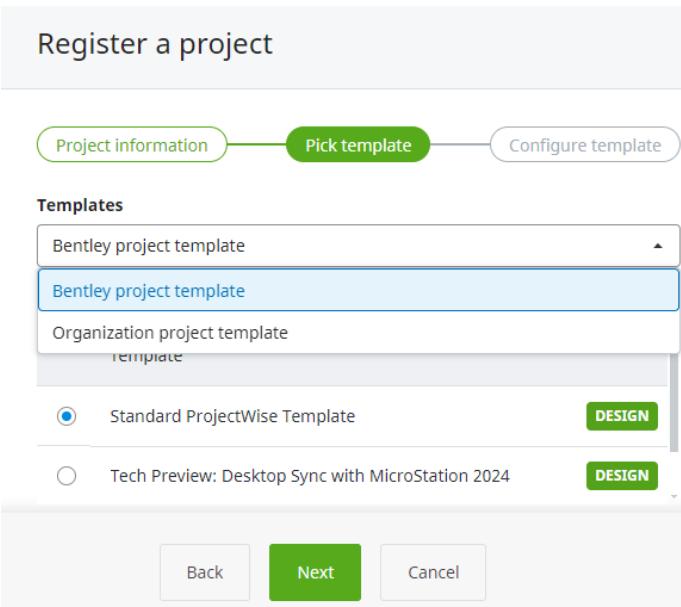
Cancel



If the project is configured to **Provide Licenses for external team members**, all of these participants will be granted ProjectWise Manage entitlement permissions and will record a ProjectWise Manage usage attributed to your organization when they login to the project.

This setting does not affect Inviting External Organizations to Collaborate through Deliverables Management. In this case users must Bring their Own License

Portal Project Creation



When you Select a template this template will copy the Roles, Deliverables Management settings, and Forms options listed below into the new Project. The Distribution matrix does not come over with template and must be imported

Roles & Users

- Custom Roles
- Users
- User Memberships

Deliverables Management

- Cover Letter
- Purposes & Attributes
- Custom Package Types
- Scheduling

Forms

- Custom Forms
- Custom Workflows

Team Management

Project Template	Import from Excel	Sync Work Area Participants
<ul style="list-style-type: none">• Organizational Template• Inherit Roles, Users & Memberships	<ul style="list-style-type: none">• Fill out Emails & Roles in Excel• Import from Excel	<ul style="list-style-type: none">• Work Area Connection• Auto Sync• Sync Now

The entitlements for ProjectWise Manage, ProjectWise Engineer and ProjectWise Validate only impacts access to the Manage, Engineer and Validate web interfaces within infrastructurecloud.bentley.com. Entitlements to other interfaces within a license level, for example ProjectWise Explorer Client (part of the Engineer license level), are administered as separate applications within the Subscription Entitlement Service.

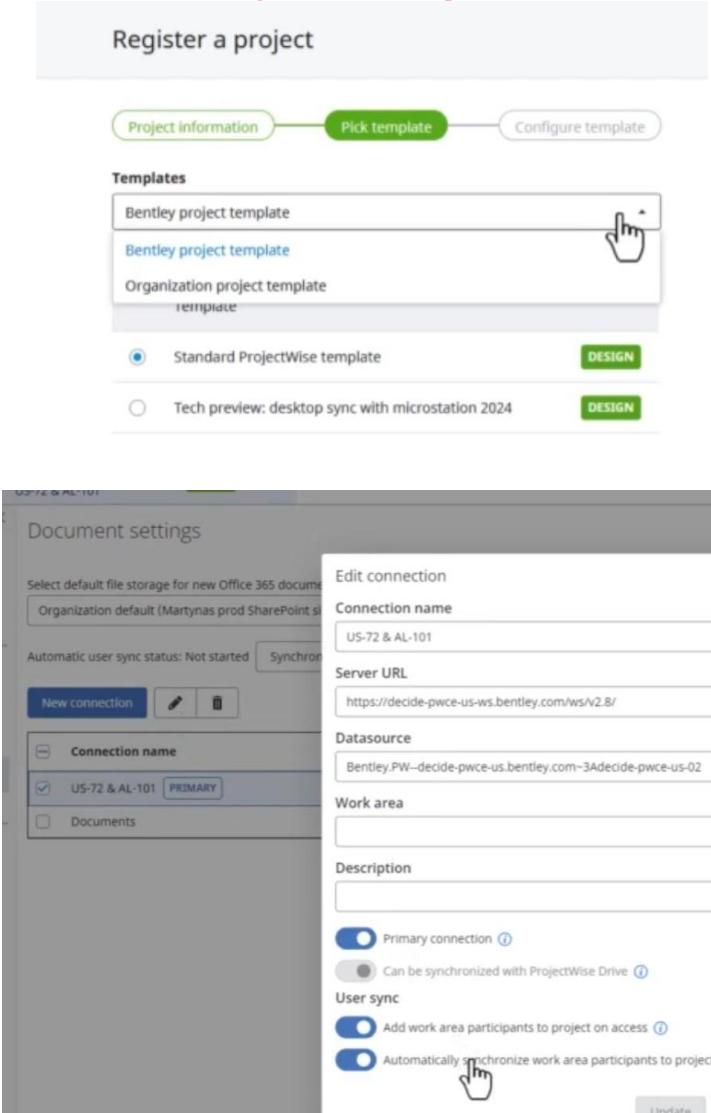
Role based access control has nothing to do with entitlement management

So, if I have a role named validate, it does not necessarily give validate entitlement

Role determines which cloud service you can consume

Team Management – 3 Ways

1-Project Template

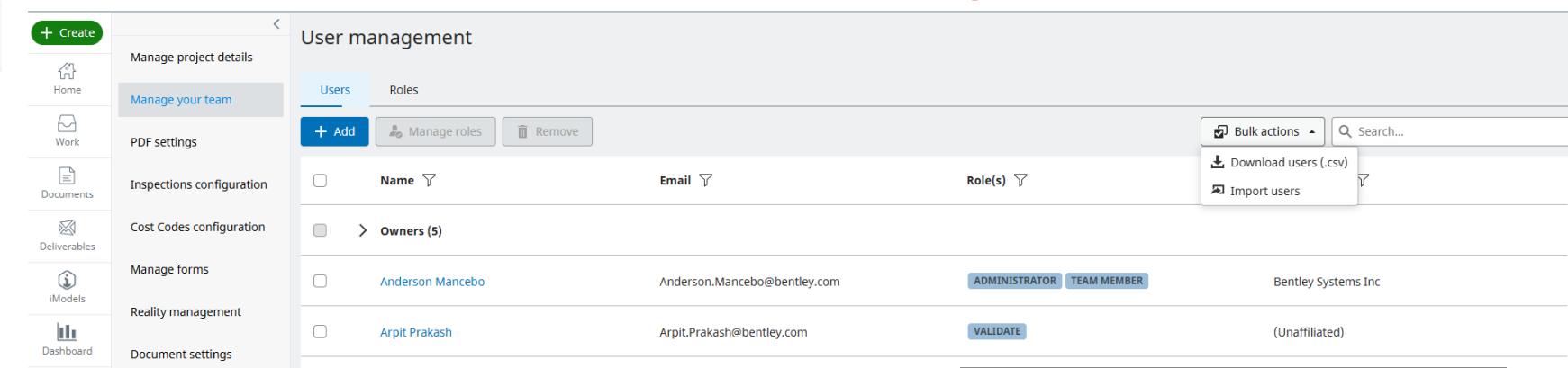


Register a project

Project information → Pick template → Configure template

Templates

- Bentley project template
- Bentley project template
- Organization project template template
- Standard ProjectWise template → DESIGN
- Tech preview: desktop sync with microstation 2024 → DESIGN



User management

Manage project details

Manage your team

PDF settings

Inspections configuration

Cost Codes configuration

Deliverables

Manage forms

iModels

Reality management

Document settings

Users Roles

+ Add Manage roles Remove

Name Email Role(s)

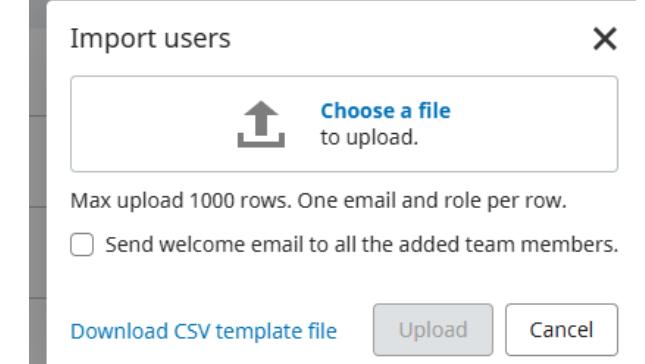
Owners (5)

Anderson Mancebo Anderson.Mancebo@bentley.com ADMINISTRATOR TEAM MEMBER Bentley Systems Inc

Arpit Prakash Arpit.Prakash@bentley.com (Unaffiliated)

Bulk actions Download users (.csv) Import users

2 – Bulk Upload



Import users

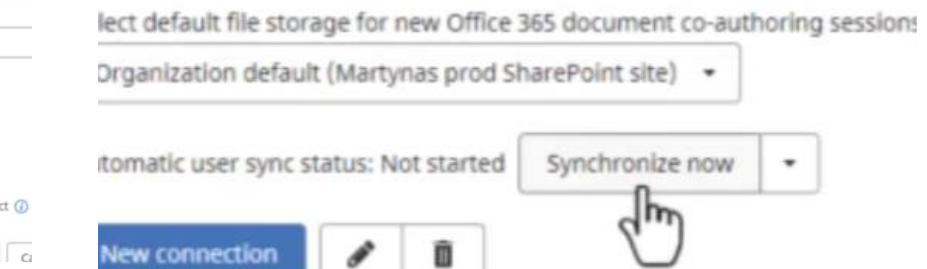
Choose a file to upload.

Max upload 1000 rows. One email and role per row.

Send welcome email to all the added team members.

Download CSV template file Upload Cancel

3- Synch Users



Document settings

Select default file storage for new Office 365 document co-authoring sessions:

Organization default (Martynas prod SharePoint site)

Automatic user sync status: Not started Synchronize now

New connection

Connection name: US-72 & AL-101

Server URL: https://decide-pwce-us-ws.bentley.com/ws/v2.8/

Datasource: Bentley.PW-decide-pwce-us.bentley.com-3Adecide-pwce-us-02

Work area:

Description:

Primary connection ①

Can be synchronized with ProjectWise Drive ①

User sync:

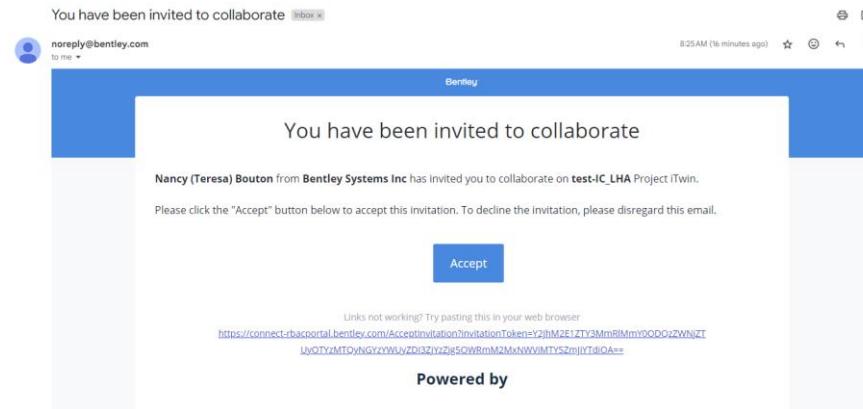
- Add work area participants to project on access ①
- Automatically synchronize work area participants to project ①

Update

Invitation to External Client as a Team Member

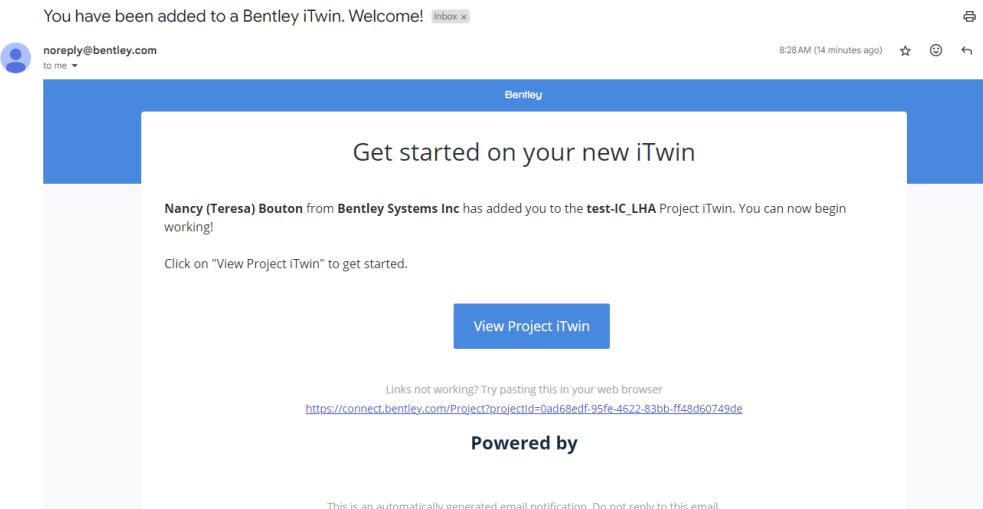
Invitation to collaborate

- 1st email

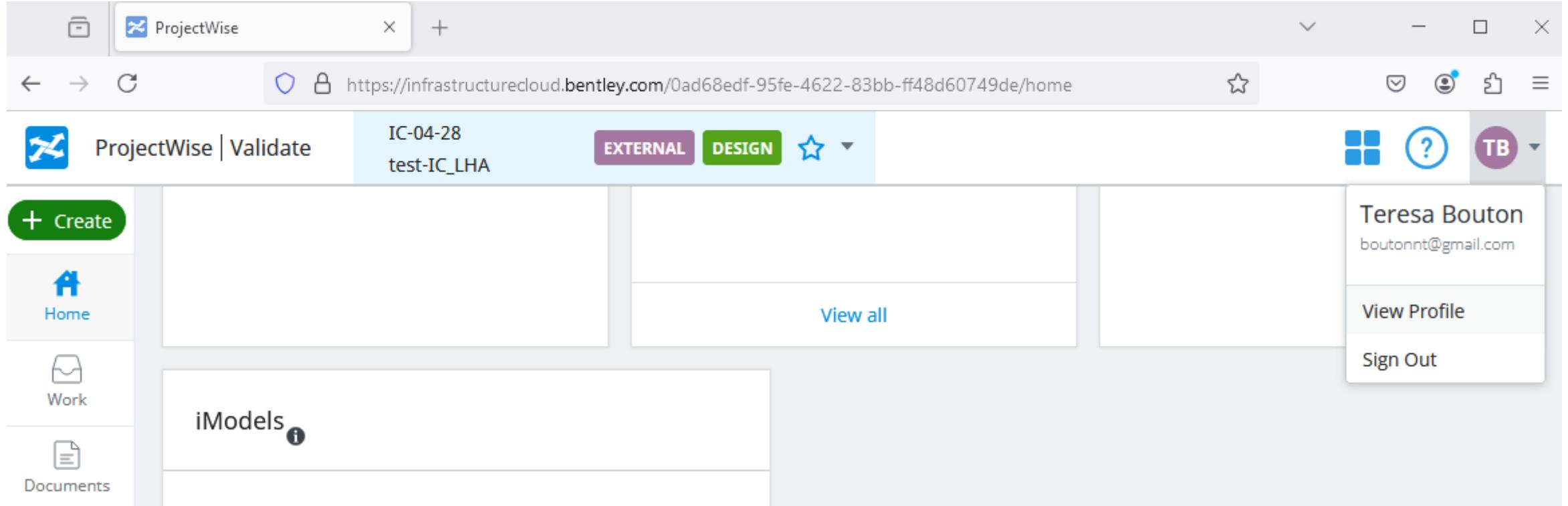


Invitation to collaborate

- 2nd email



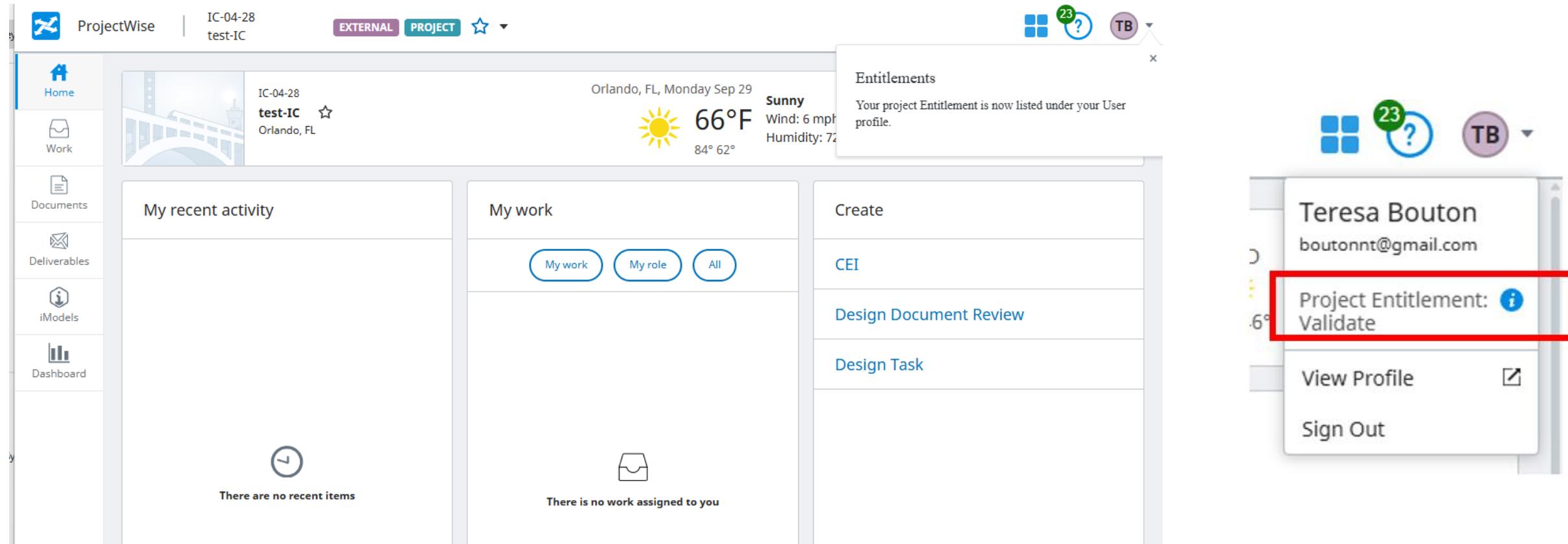
External Client as Team Member



The screenshot shows a web browser window for ProjectWise Validate. The URL in the address bar is <https://infrastructurecloud.bentley.com/0ad68edf-95fe-4622-83bb-ff48d60749de/home>. The page title is "ProjectWise | Validate". The project identifier is "IC-04-28" and the name is "test-IC_LHA". The navigation bar includes "EXTERNAL" (selected), "DESIGN", and a star icon. The top right has icons for Help, Support, and Logout. A sidebar on the left has "Create" and "iModels" buttons, and a list of "Home", "Work", and "Documents". A dropdown menu for the user "Teresa Bouton" shows "View Profile" and "Sign Out". The main content area has a "View all" button.

External Client as Team Member

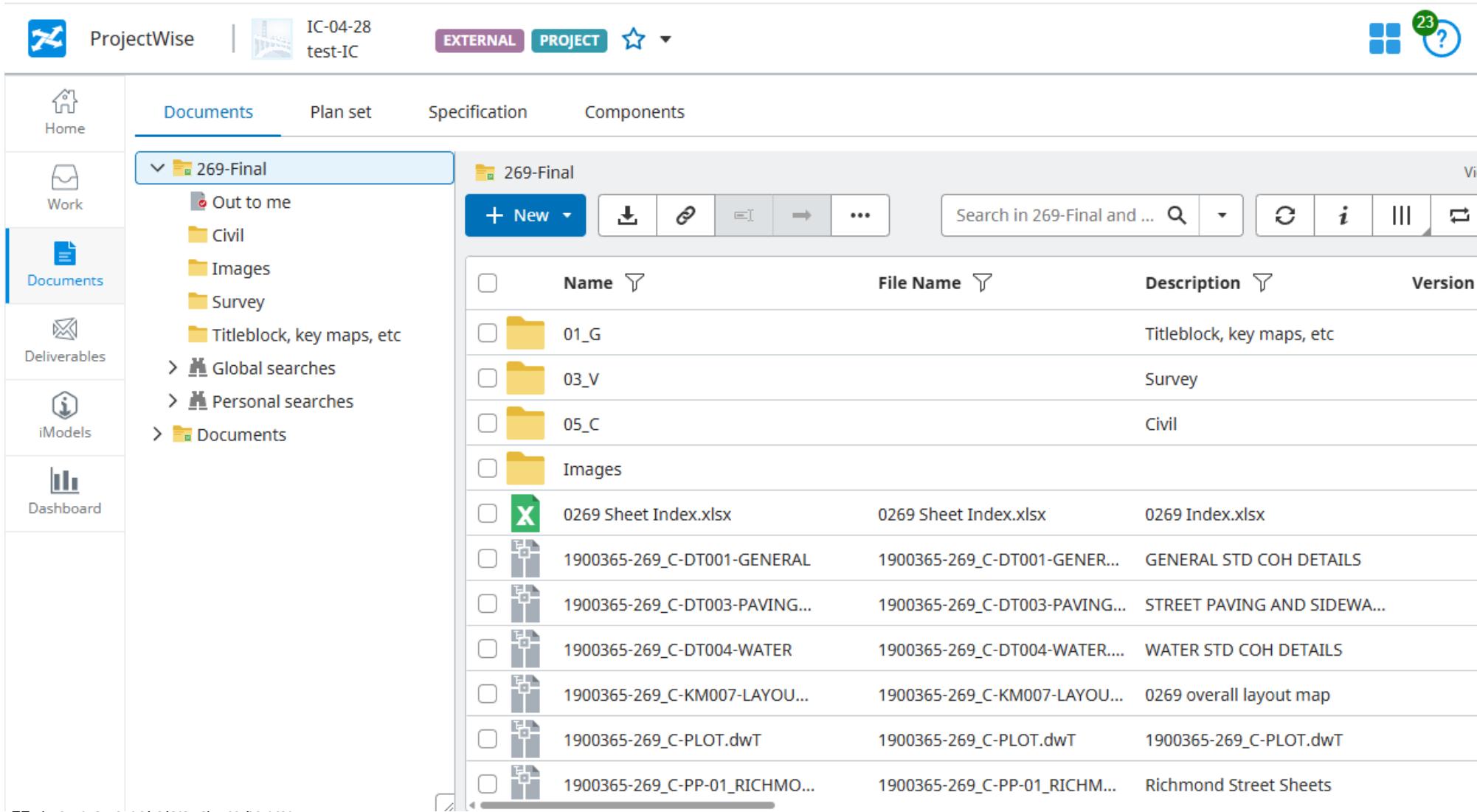
You will show as External User but will have the access of the Owners Project and Services in the Portal Project



The screenshot shows the ProjectWise Portal interface. At the top, the project is identified as "IC-04-28 test-IC" with "EXTERNAL PROJECT" tabs. The header also includes a weather forecast for Orlando, FL, showing 66°F, sunny, wind 6 mph, and humidity 72%. A floating "Entitlements" message box states: "Your project Entitlement is now listed under your User profile." On the left, a sidebar lists navigation options: Home, Work, Documents, Deliverables, iModels, and Dashboard. The main content area is divided into three columns: "My recent activity" (empty), "My work" (empty), and "Create" (listing "CEI", "Design Document Review", and "Design Task"). The top right corner shows a user profile for "Teresa Bouton" with an email address "boutonnt@gmail.com". A red box highlights the "Project Entitlement: Validate" link in the user menu.

External Client as Team Member

- User can access your Work Area if they have an account in ProjectWise



The screenshot shows the ProjectWise application interface. The top navigation bar includes the ProjectWise logo, project name 'IC-04-28 test-IC', tabs for 'EXTERNAL' and 'PROJECT', a star icon, and a notification badge with '23'.

The left sidebar has a 'Documents' tab selected, showing a list of items:

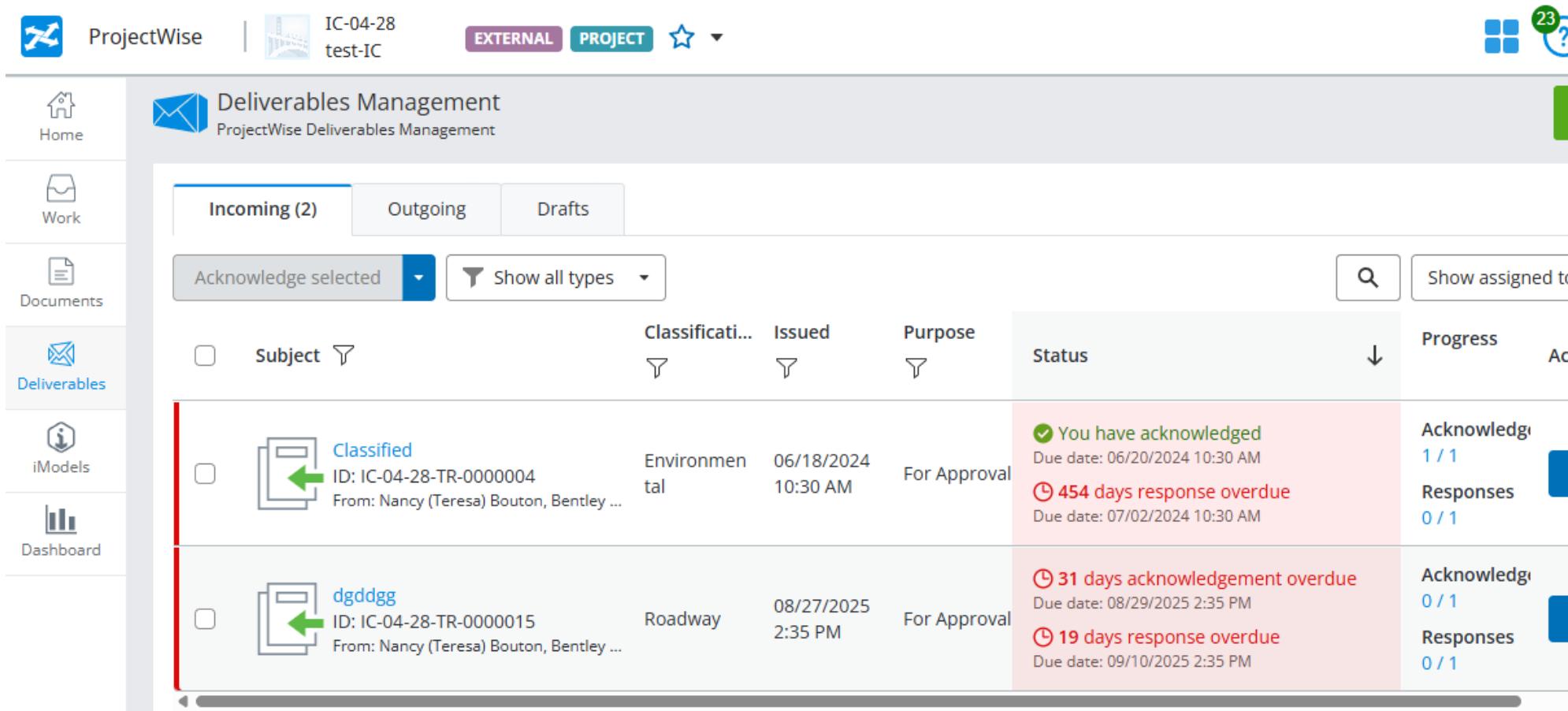
- 269-Final (selected)
- Out to me
- Civil
- Images
- Survey
- Titleblock, key maps, etc
- Global searches
- Personal searches
- Documents

The main content area displays the '269-Final' folder contents in a table:

<input type="checkbox"/>	Name	File Name	Description	Version
<input type="checkbox"/>	01_G	0269 Sheet Index.xlsx	Titleblock, key maps, etc	
<input type="checkbox"/>	03_V	1900365-269_C-DT001-GENERAL	Survey	
<input type="checkbox"/>	05_C	1900365-269_C-DT003-PAVING...		
<input type="checkbox"/>	Images	1900365-269_C-DT004-WATER...	Civil	
<input type="checkbox"/>	0269 Sheet Index.xlsx	1900365-269_C-DT001-GENERAL	0269 Index.xlsx	
<input type="checkbox"/>	1900365-269_C-DT003-PAVING...	1900365-269_C-DT003-PAVING...	GENERAL STD COH DETAILS	
<input type="checkbox"/>	1900365-269_C-DT004-WATER...	1900365-269_C-DT004-WATER...	STREET PAVING AND SIDEWA...	
<input type="checkbox"/>	1900365-269_C-KM007-LAYOUT...	1900365-269_C-KM007-LAYOUT...	WATER STD COH DETAILS	
<input type="checkbox"/>	1900365-269_C-PLOT.dwt	1900365-269_C-PLOT.dwt	0269 overall layout map	
<input type="checkbox"/>	1900365-269_C-PP-01_RICHMO...	1900365-269_C-PP-01_RICHMO...	1900365-269_C-PLOT.dwt	
<input type="checkbox"/>	1900365-269_C-PP-01_RICHMO...	1900365-269_C-PP-01_RICHMO...	Richmond Street Sheets	

External Client as Team Member

- User can see all of the Deliverables Management packages if their role allows access to Deliverables management



The screenshot shows the ProjectWise Deliverables Management interface. The top navigation bar includes the ProjectWise logo, the project name 'IC-04-28 test-IC', and tabs for 'EXTERNAL' and 'PROJECT'. A notification badge '23' is visible on the top right. The left sidebar has links for Home, Work, Documents, Deliverables (which is selected and highlighted in blue), iModels, and Dashboard. The main content area is titled 'Deliverables Management' and shows an 'Incoming (2)' tab selected. Below are filters for 'Acknowledge selected' and 'Show all types'. The table lists two deliverables:

Subject	Classification	Issued	Purpose	Status	Progress	Action
Classified ID: IC-04-28-TR-0000004 From: Nancy (Teresa) Bouton, Bentley ...	Environmental	06/18/2024 10:30 AM	For Approval	✓ You have acknowledged Due date: 06/20/2024 10:30 AM ⌚ 454 days response overdue Due date: 07/02/2024 10:30 AM	Acknowledged 1 / 1 Responses 0 / 1	Blue button
dgddgg ID: IC-04-28-TR-0000015 From: Nancy (Teresa) Bouton, Bentley ...	Roadway	08/27/2025 2:35 PM	For Approval	⌚ 31 days acknowledgement overdue Due date: 08/29/2025 2:35 PM ⌚ 19 days response overdue Due date: 09/10/2025 2:35 PM	Acknowledged 0 / 1 Responses 0 / 1	Blue button

External Client as Team Member

- User can markup your pdf's

Deliverables management > Incoming > IC-0002-TR-000004
Back Classified RD11TS5W.pdf Response pending Send response

All Changes Saved View Annotate Shapes Insert Measure Fill and Sign

APPROVED

Search markups

Markups (1)

Sort: Position

Page 1

Teresa Bouton 09/09/2024

SUB-00002 stamp Assigned To: Teresa Bouton Due: 09/12/2024 Unresolved - draft 0

Add reply...

Existing Ground

Existing Ditch

Existing Shoulder

Existing Roadway

NEW TRAVEL LANE

FINISHED GRADE

E' MIN. PAVED (VARIABLE SHOULDER)

-0.02 F.F. -0.04 F.F. -0.01 F.F.

E' MIN. PAVED (VARIABLE SHOULDER)

-0.04 F.F. -0.02 F.F.

Existing Shoulder

Existing Ground

APPROVED

SEE S-SSMB-9

1.0% S.E. S.E. S.E. S.E.

0.04 F.F. MIN. 0.04 F.F. MAX. 0.04 F.F. MAX. 0.01 F.F.

SLOPE SAME AS S.E. SLOPE SAME AS S.E.

Existing Ground

TANGENT SECTION

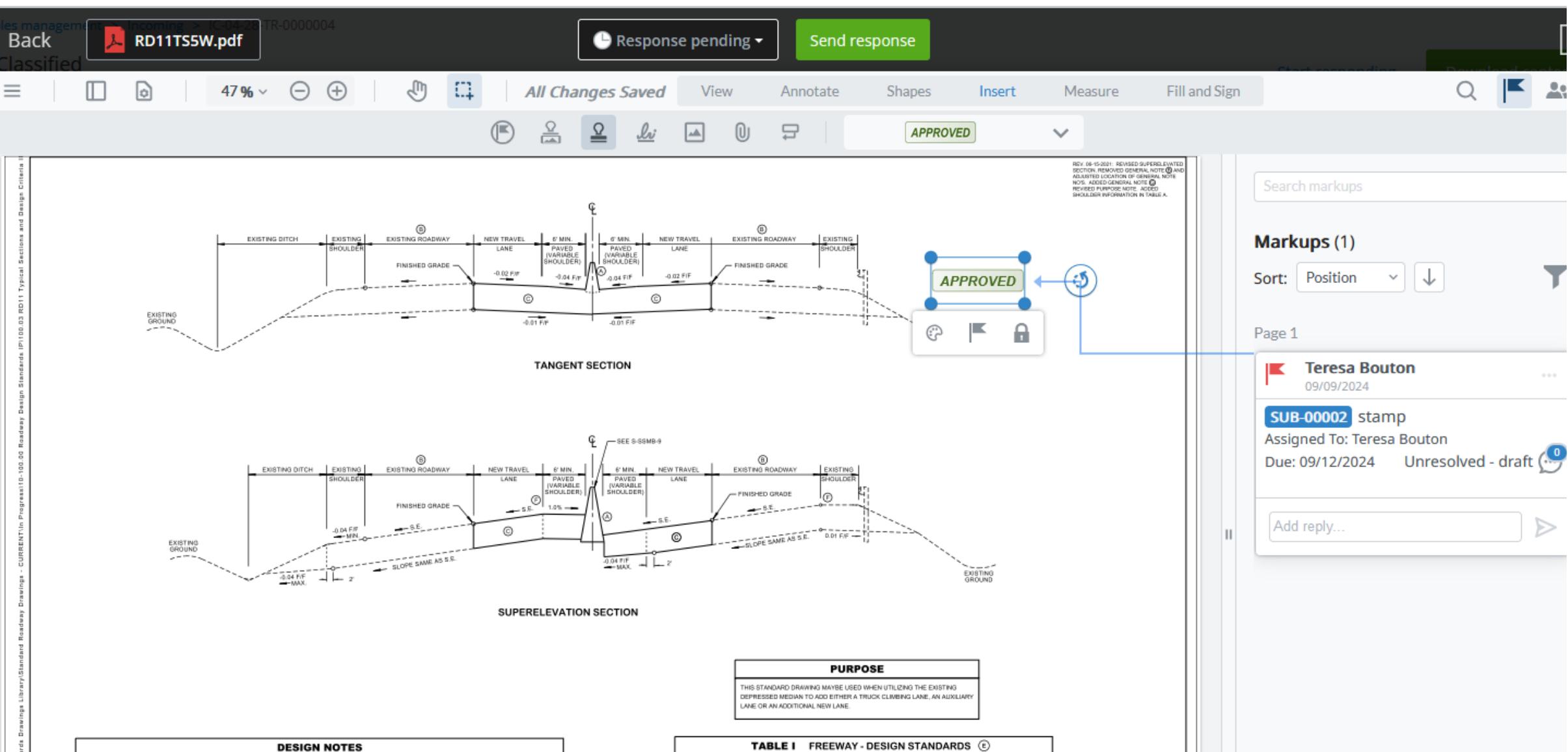
SUPERELEVATION SECTION

PURPOSE

THIS STANDARD DRAWING MAYBE USED WHEN UTILIZING THE EXISTING DEPRESSED MEDIAN TO ADD EITHER A TRUCK CLIMBING LANE, AN AUXILIARY LANE OR AN ADDITIONAL NEW LANE.

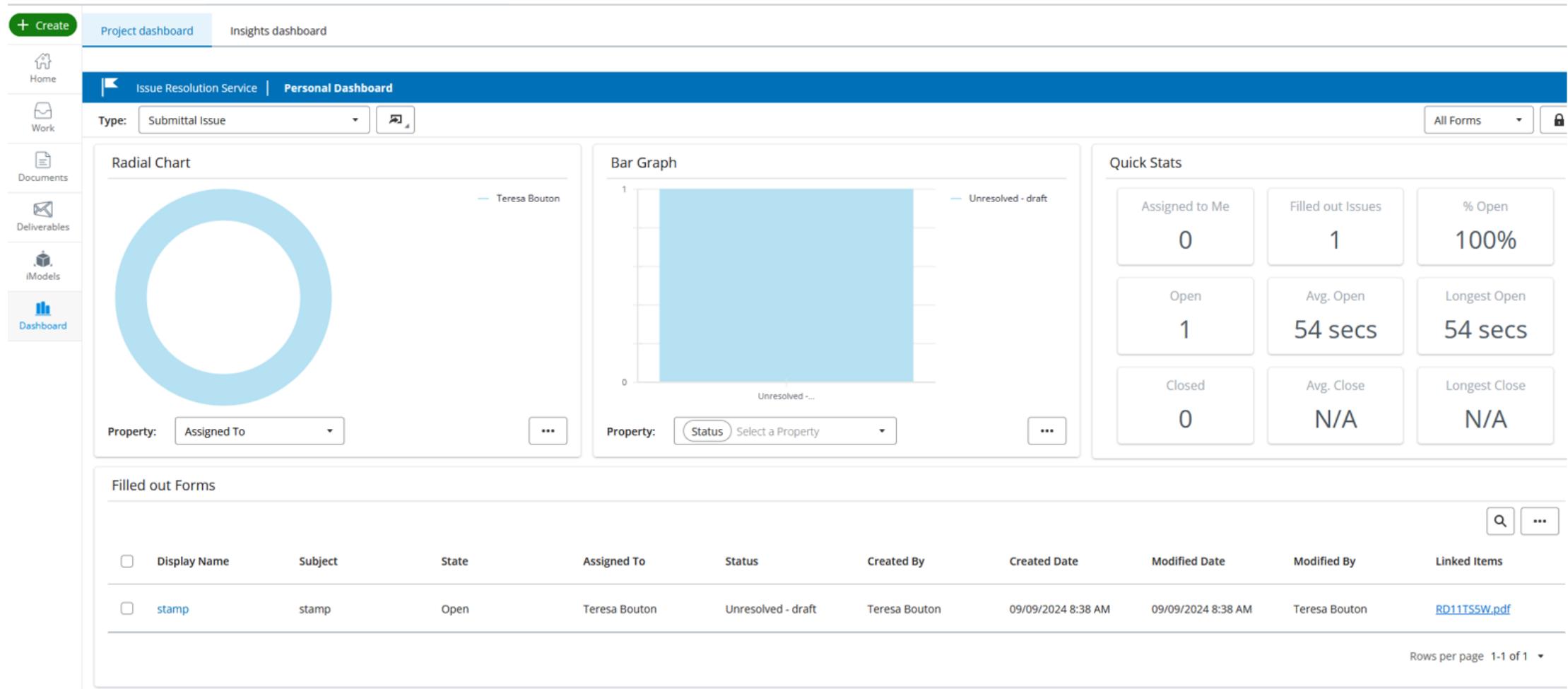
DESIGN NOTES

TABLE I FREEWAY - DESIGN STANDARDS



External Client as Team Member

- User can access your Dashboards

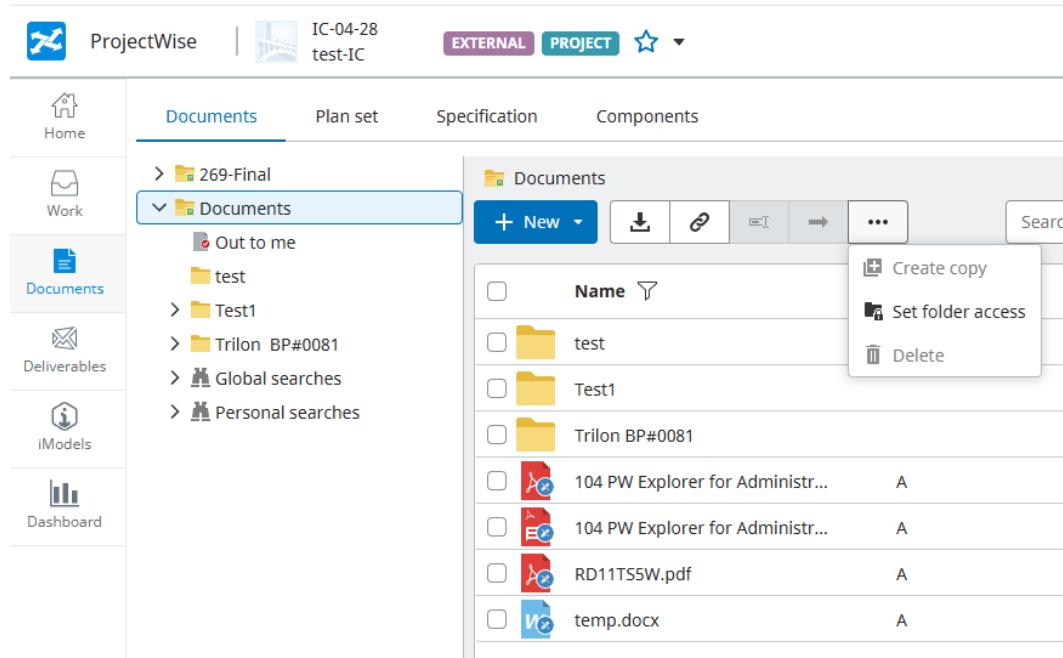


The screenshot shows a Project dashboard interface with the following components:

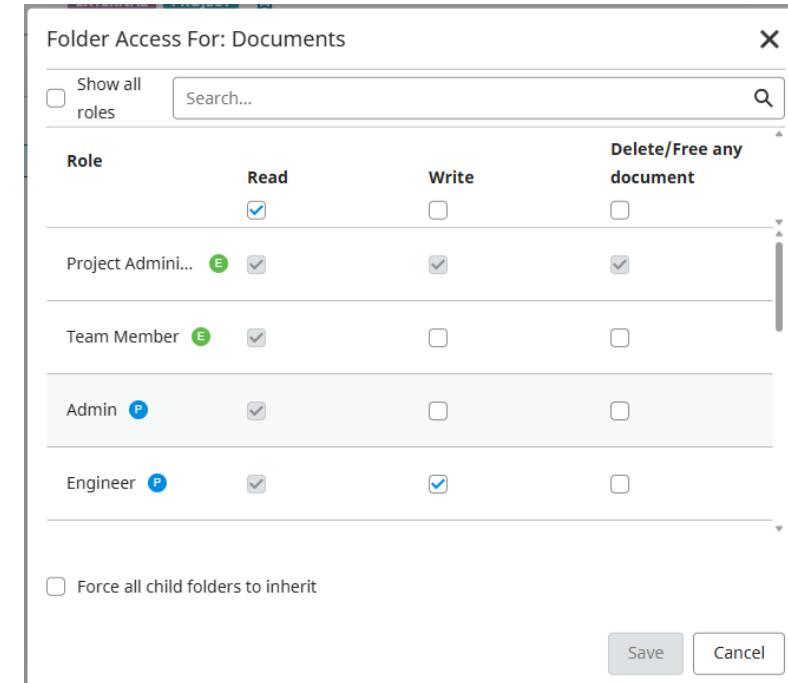
- Header:** Includes a "+ Create" button, "Project dashboard" (selected), and "Insights dashboard".
- Left Sidebar:** Features icons for Home, Work, Documents, Deliverables, iModels, and Dashboard.
- Top Bar:** Shows "Issue Resolution Service" and "Personal Dashboard". Includes a "Type: Submittal Issue" dropdown, a search icon, and buttons for "All Forms" and a lock.
- Radial Chart:** A donut chart titled "Radial Chart" with one segment labeled "Teresa Bouton". A "Property: Assigned To" dropdown is below it.
- Bar Graph:** A bar chart titled "Bar Graph" with one bar labeled "Unresolved - draft". A "Property: Status" dropdown is below it.
- Quick Stats:** A grid of six boxes showing metrics: Assigned to Me (0), Filled out Issues (1), % Open (100%), Open (1), Avg. Open (54 secs), Longest Open (54 secs), Closed (0), Avg. Close (N/A), and Longest Close (N/A).
- Filled out Forms:** A table titled "Filled out Forms" with columns: Display Name, Subject, State, Assigned To, Status, Created By, Created Date, Modified Date, Modified By, and Linked Items. It shows one row for "stamp" with status "Open" assigned to "Teresa Bouton".
- Page Bottom:** Includes a "Rows per page" dropdown set to "1-1 of 1".

External Client as Team Member

- Set Folder access in Documents area



The screenshot shows the ProjectWise interface with the 'EXTERNAL' tab selected. The left sidebar has 'Documents' selected. The main area shows a list of documents and folders. A context menu is open over a folder named 'Documents', showing options: 'Create copy', 'Set folder access', and 'Delete'.



Folder Access For: Documents

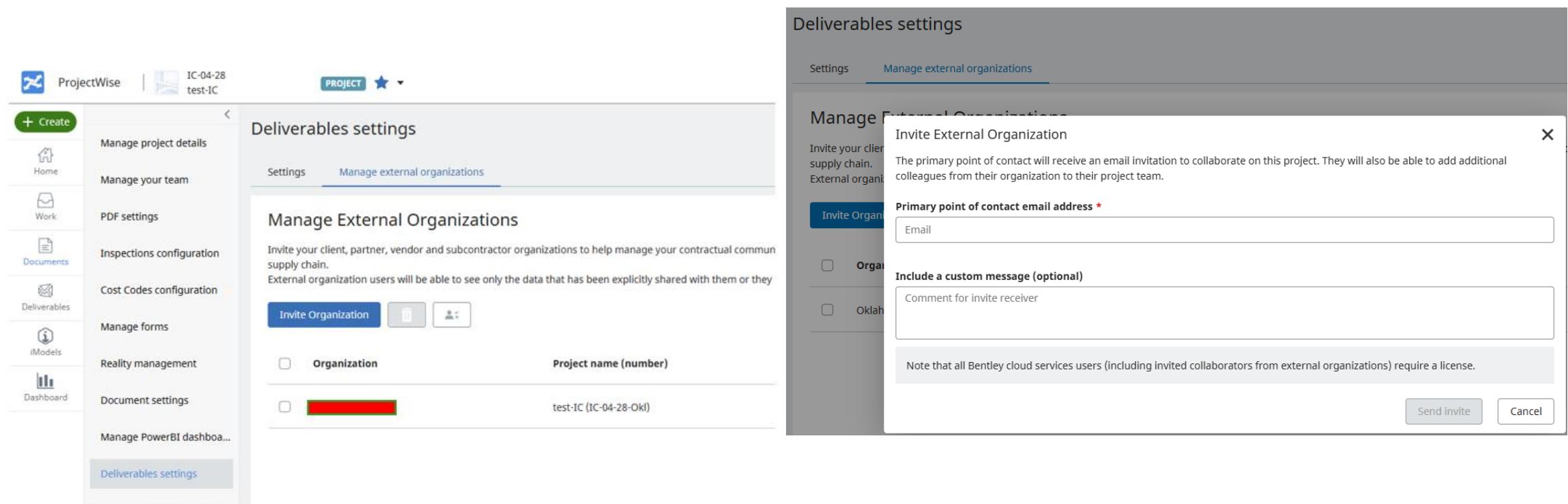
Role	Read	Write	Delete/Free any document
Project Admin...	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Team Member	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Admin	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Engineer	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Force all child folders to inherit

Save **Cancel**

Make sure that permissions have been added to the Documents folders so Team Members can access them

Invite External Organization – Moved Back to Deliverables Management

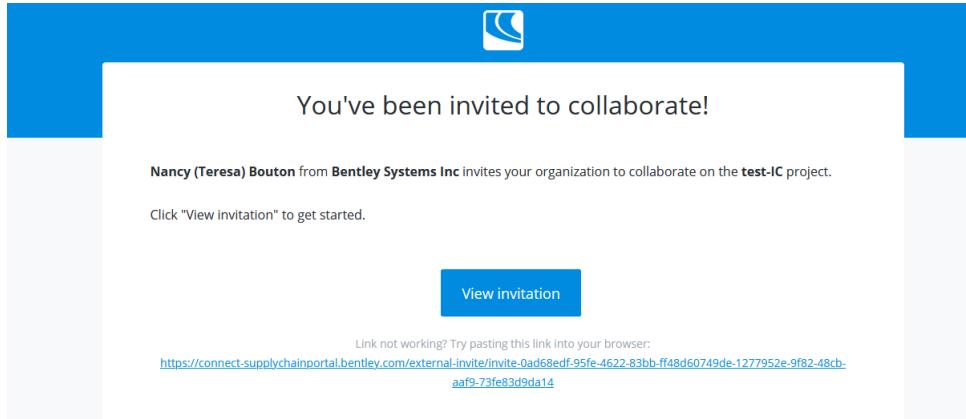


The screenshot shows the ProjectWise interface with the following details:

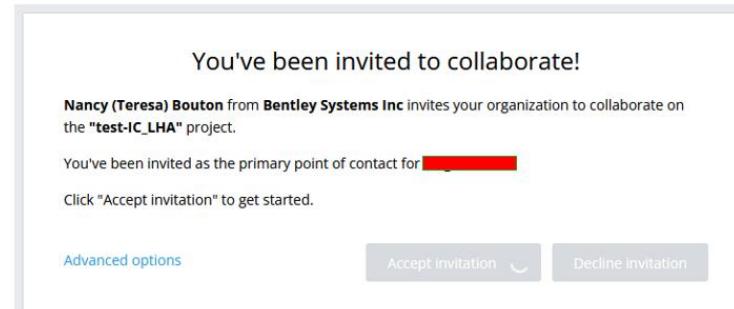
- Header:** ProjectWise, IC-04-28, test-IC, PROJECT, star icon.
- Left Sidebar:** Home, Work, Documents, Deliverables (selected), iModels, Dashboard.
- Current View:** Deliverables settings, Manage external organizations.
- Content Area:** Manage External Organizations section. It includes a sub-section for inviting external organizations, a note about contractual communication, and a table showing existing organization invites. One invite is listed: "Organization" (Project name (number): test-IC (IC-04-28-OK!)).
- Modal Window:** Deliverables settings, Manage external organizations, Manage External Organizations, Invite External Organization. It contains fields for "Primary point of contact email address" (Email) and "Include a custom message (optional)" (Comment for invite receiver). A note at the bottom states: "Note that all Bentley cloud services users (including invited collaborators from external organizations) require a license." It has "Send invite" and "Cancel" buttons.

Invite External Organization

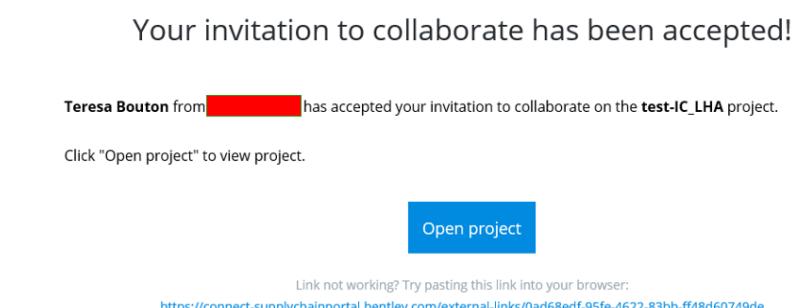
- Email invitation sent to External Client Organization



- External Client now Selects View Invitation

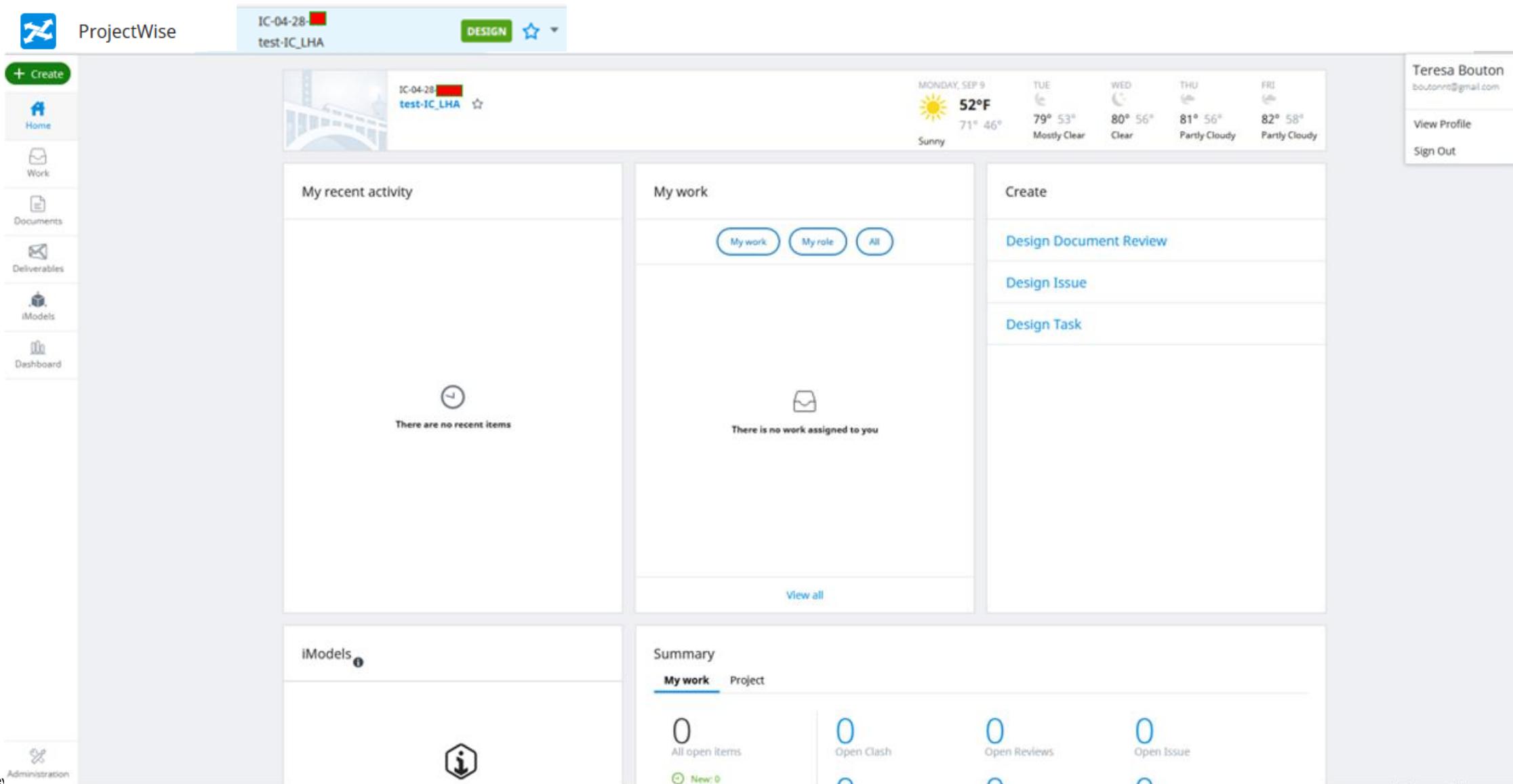


- You also get notification of External Client acceptance



Invite External Organization

- My Organizations initials are added to Project name in my Portal. I must have Validate Entitlement for the acceptance and creation of this Project in my Organizations portal



ProjectWise

IC-04-28 test-IC_LHA DESIGN ★

MONDAY, SEP 9 52°F 71° 46° Sunny

TUE 79° 53° Mostly Clear

WED 80° 56° Clear

THU 81° 56° Partly Cloudy

FRI 82° 58° Partly Cloudy

Teresa Bouton boutonrt@gmail.com

[View Profile](#)

[Sign Out](#)

My recent activity

There are no recent items

My work

My work My role All

There is no work assigned to you

[View all](#)

Create

[Design Document Review](#)

[Design Issue](#)

[Design Task](#)

iModels 1

Summary

[My work](#) [Project](#)

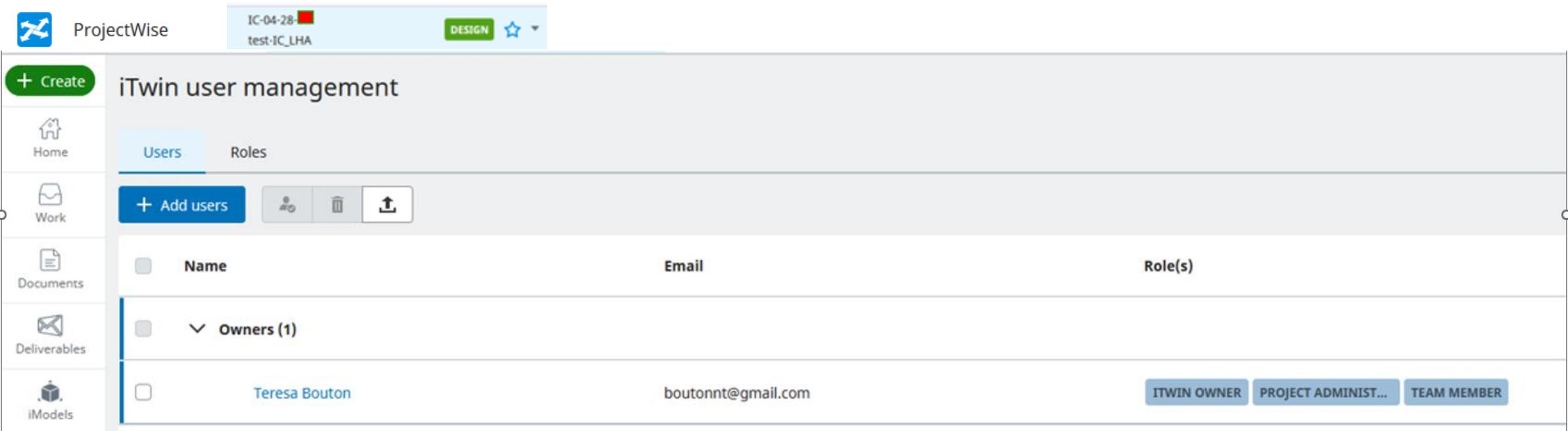
0	0	0	0
All open items	Open Clash	Open Reviews	Open Issue
0 New: 0	0	0	0

29 | © 2025 Bentley

Bentley

Invite External Organization

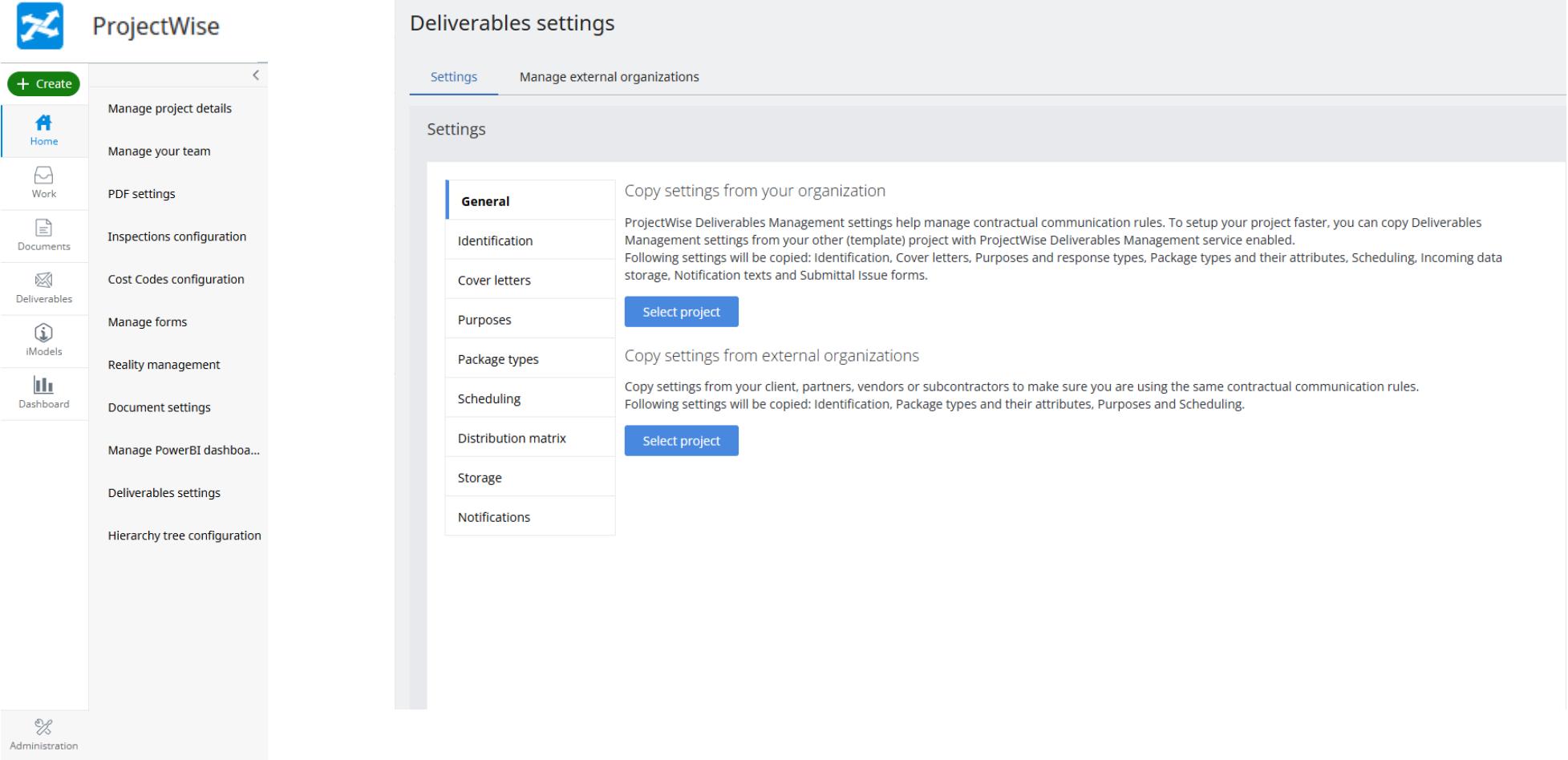
- Invited as External Organization creates my own Project (iTwin) in my Organizations portal and allows me to add my own Team members. I can't see anything in the Owners Portal that invited me, but this allows me to communicate and send and receive Deliverables to the Owners



The screenshot shows the iTwin user management interface in ProjectWise. The top navigation bar includes the ProjectWise logo, the project name 'IC-04-28' with a red status indicator, and tabs for 'DESIGN' and 'OWNER'. The main title is 'iTwin user management'. On the left, a sidebar lists 'Home', 'Work', 'Documents', 'Deliverables', and 'iModels'. The 'Users' tab is selected. A table lists one user: 'Teresa Bouton' with email 'boutonnt@gmail.com'. She is assigned to the 'ITWIN OWNER' role. A 'Roles' section is visible but empty. A 'Create' button is at the top left, and a 'Work' section is on the right.

Name	Email	Role(s)
Owners (1)		
Teresa Bouton	boutonnt@gmail.com	ITWIN OWNER

Invite External Organization



The image displays the ProjectWise software interface. On the left is a vertical navigation menu with the following items:

- Home** (selected)
- Work
- Documents
- Deliverables
- iModels
- Dashboard
- Administration

At the top right, there is a green **+ Create** button. The main content area is titled **Deliverables settings**. It has two tabs: **Settings** (selected) and **Manage external organizations**. The **Settings** tab is divided into sections:

- General** (selected):
 - Identification
 - Cover letters
 - Purposes
 - Package types
 - Scheduling
 - Distribution matrix
 - Storage
 - Notifications
- Copy settings from your organization**:

ProjectWise Deliverables Management settings help manage contractual communication rules. To setup your project faster, you can copy Deliverables Management settings from your other (template) project with ProjectWise Deliverables Management service enabled. Following settings will be copied: Identification, Cover letters, Purposes and response types, Package types and their attributes, Scheduling, Incoming data storage, Notification texts and Submittal Issue forms.

Select project
- Copy settings from external organizations**:

Copy settings from your client, partners, vendors or subcontractors to make sure you are using the same contractual communication rules. Following settings will be copied: Identification, Package types and their attributes, Purposes and Scheduling.

Select project

Media Explorer

Media Indexing – Search photos in the Documents folder intelligently, enter text name of photo to find it, because we use AI technology behind scenes, it extracts information from the photo. This only works for photos stored in Documents folder provided in the Project, not in ProjectWise Explorer. These files are images downloaded from a web browser

ProjectWise | IC-04-28
test-IC

PROJECT ★

+ Create Documents Plan set Specification Media explorer Components

Search for images...

Home Work Documents Deliverables iModels Dashboard

Looks like you have reached the end. Define the search parameters.

Media Explorer

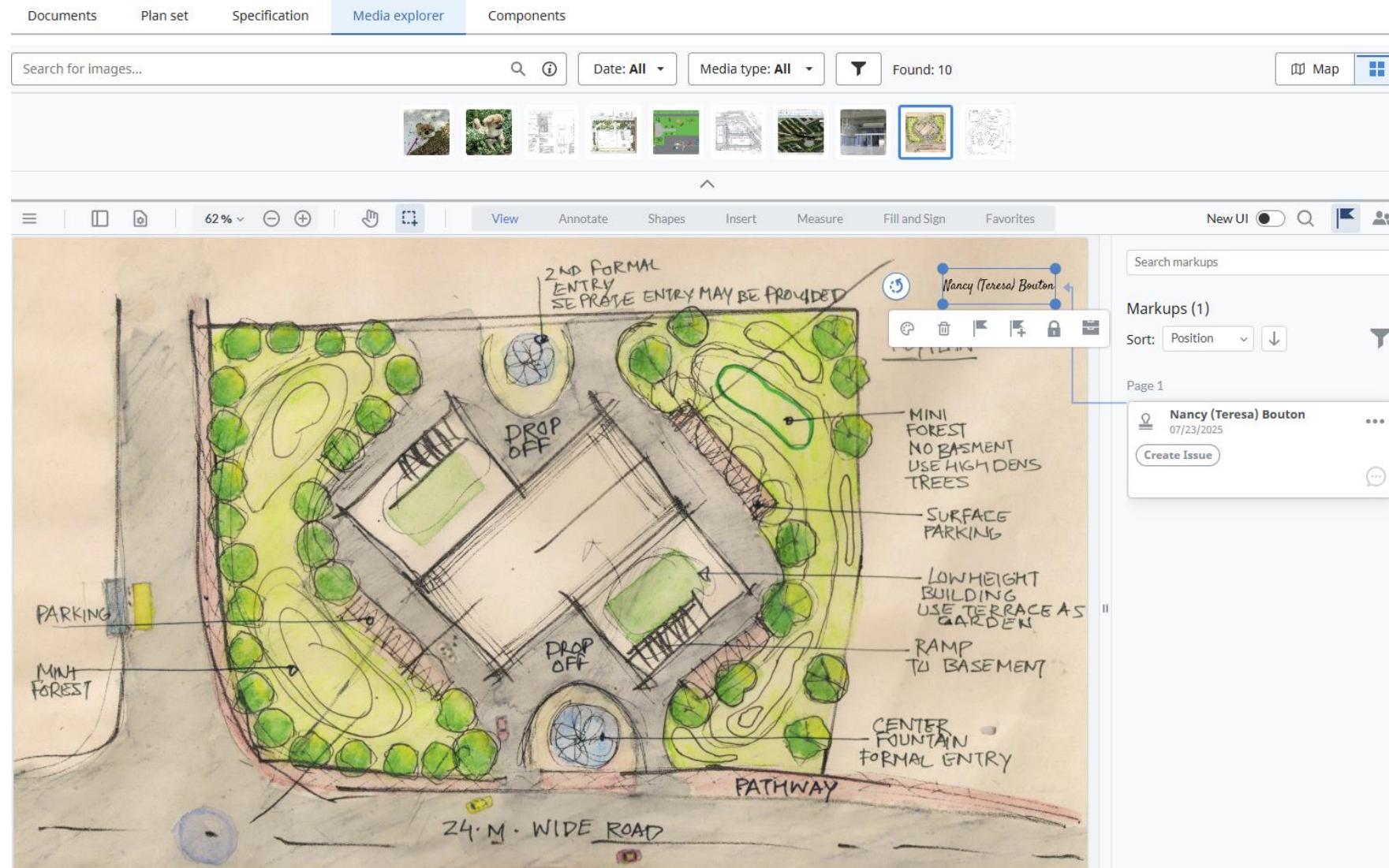
- These files are images downloaded from a web browser, running a search will extract text and the extracted text is displayed.

Media Indexing – Search photos in Project intelligently enter text name of photo to find it, because we use AI technology behind scenes, it extracts information from the photo. This only works for photos stored in Documents folder provided in the Project, not in PWDI



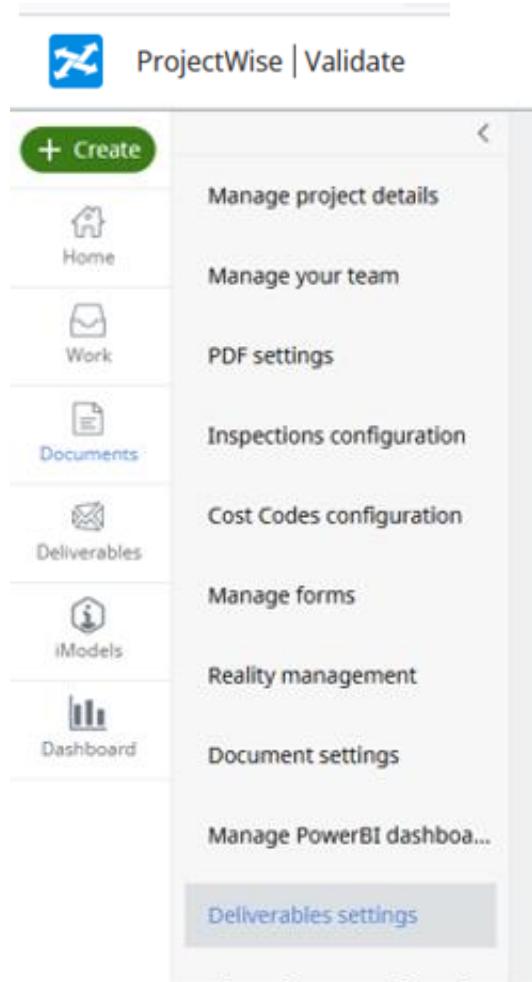
Media Explorer Markup

- These images are now able to use Markup technology. You are also able to create Issues and assign to team members as part of your workflow



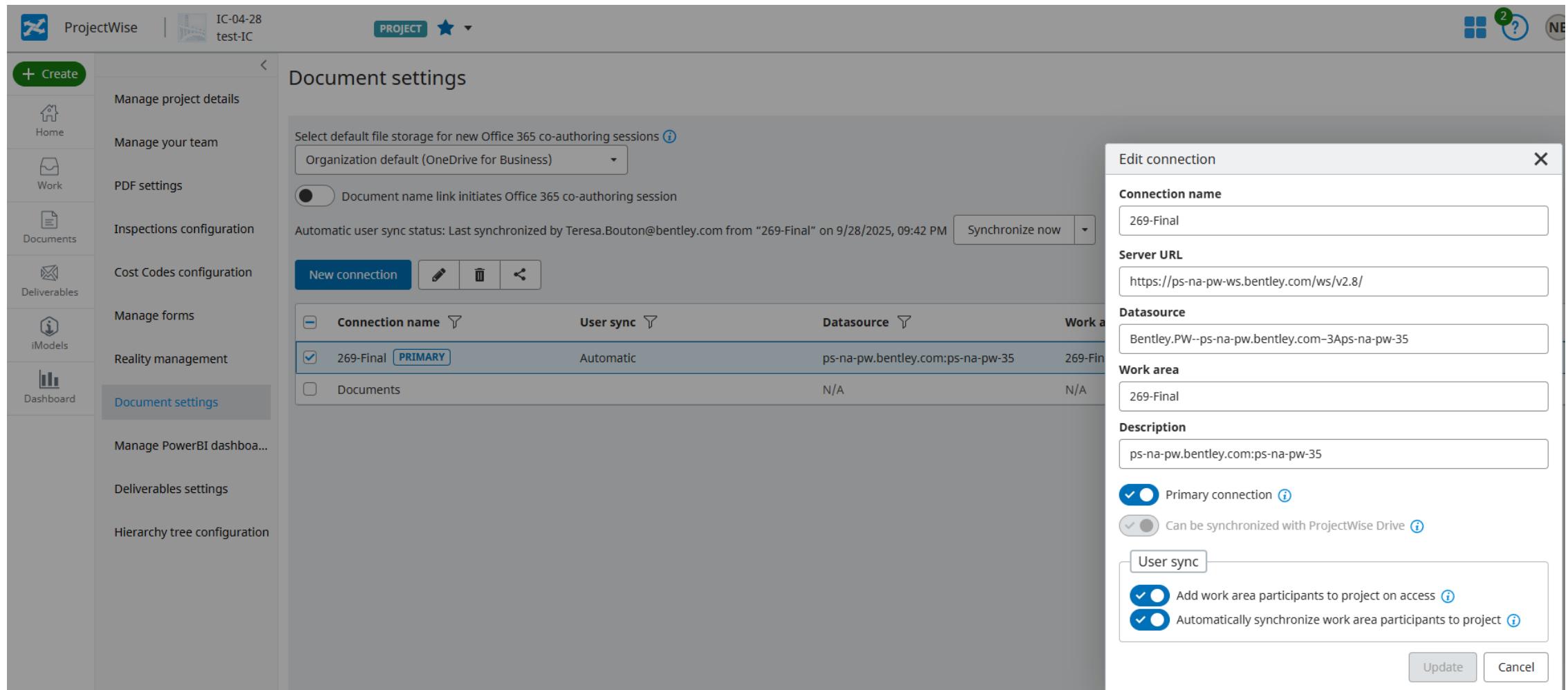
Services Available in the Infrastructure Cloud Portal

- Create Connection to ProjectWise Work Area
- Create and Modify Existing Forms – View Workflow, Edit Transitions, Modify existing Transitions
- Project Dashboards
- Insights Dashboards (Being Deprecated)
- PowerBI dashboards
- Components Center
- Deliverables Management
- Web Connections
- PW Drive
- iTwins Design Review
- Media Explorer Markup



Services Available in the Infrastructure Cloud Portal

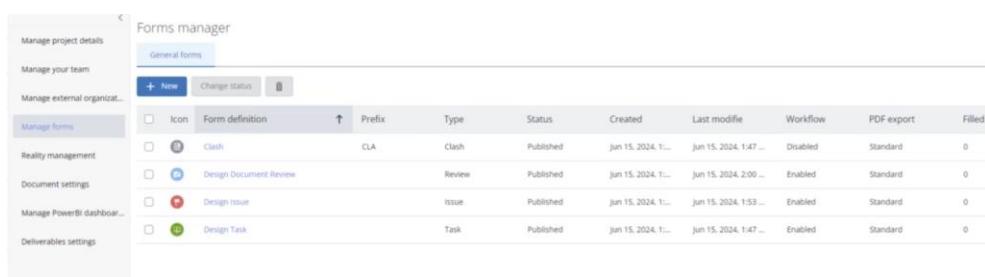
- Create Connection to ProjectWise Work Area



The screenshot shows the Infrastructure Cloud Portal interface. The top navigation bar includes the ProjectWise logo, the project name 'IC-04-28 test-IC', and a 'PROJECT' tab. The left sidebar lists various project management sections: Home, Work, Documents, Deliverables, iModels, and Dashboard. The 'Document settings' section is currently selected. The main content area displays 'Document settings' with options for selecting default file storage (Organization default (OneDrive for Business)), enabling a document name link for Office 365 co-authoring, and an automatic user sync status. A 'New connection' button is present. To the right, a modal dialog titled 'Edit connection' is open, showing configuration for a connection named '269-Final'. The dialog fields include: Server URL (https://ps-na-pw-ws.bentley.com/ws/v2.8/), Datasource (Bentley.PW--ps-na-pw.bentley.com-3Aps-na-pw-35), Work area (269-Final), Description (ps-na-pw.bentley.com:ps-na-pw-35), and checkboxes for Primary connection (checked), Can be synchronized with ProjectWise Drive (unchecked), and User sync (two checked options: 'Add work area participants to project on access' and 'Automatically synchronize work area participants to project').

Services Available in the Infrastructure Cloud Portal - Forms

Create and modify Forms



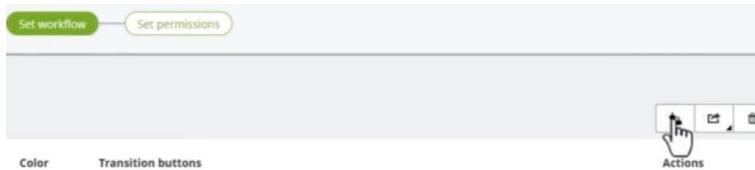
Forms manager

General forms

+ New Change status

Icon	Form definition	Prefix	Type	Status	Created	Last modify	Workflow	PDF export	Filled c
...	Clash	CLA	Clash	Published	Jun 15, 2024, 1...	Jun 15, 2024, 2:47...	Disabled	Standard	0
...	Design Document Review		Review	Published	Jun 15, 2024, 1...	Jun 15, 2024, 2:00...	Enabled	Standard	0
...	Design Issue		Issue	Published	Jun 15, 2024, 1...	Jun 15, 2024, 1:53...	Enabled	Standard	0
...	Design Task		Task	Published	Jun 15, 2024, 1...	Jun 15, 2024, 2:47...	Enabled	Standard	0

View workflow

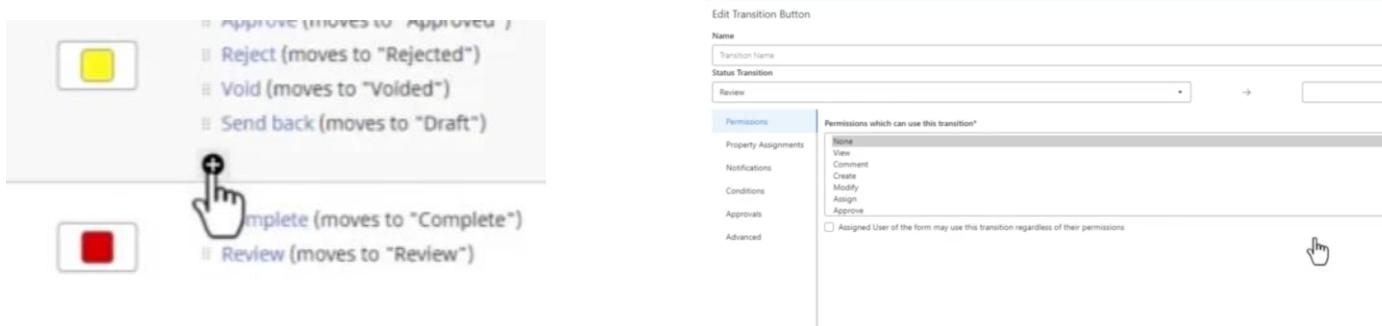


Set workflow Set permissions

Color Transition buttons

Actions

Add Workflow Transitions



Approve (moves to "Approved")

Reject (moves to "Rejected")

Void (moves to "Voided")

Send back (moves to "Draft")

Complete (moves to "Complete")

Review (moves to "Review")

Actions

Color Transition buttons

Actions

Edit Transition Button

Name: Transition Name

Status Transition: Review

Permissions: None

Property Assignments

Notifications

Conditions

Approvals

Advanced

Permissions which can use this transition:

None

User

Create

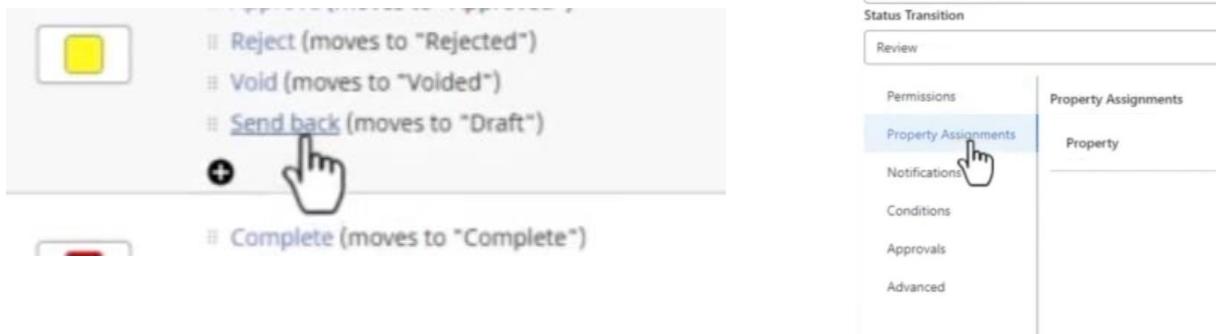
Modify

Assign

Approve

Assigned User of the form may use this transition regardless of their permissions

Modify existing Workflow Transitions



Reject (moves to "Rejected")

Void (moves to "Voided")

Send back (moves to "Draft")

Complete (moves to "Complete")

Actions

Color Transition buttons

Actions

Edit Transition Button

Name: Transition Name

Status Transition: Review

Permissions: None

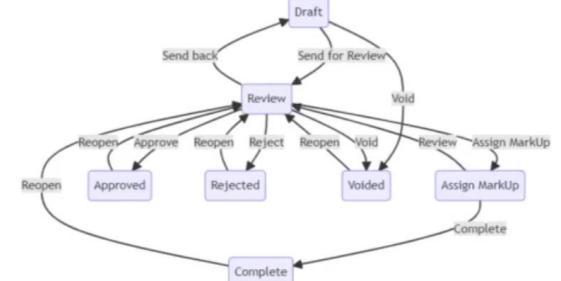
Property Assignments

Notifications

Conditions

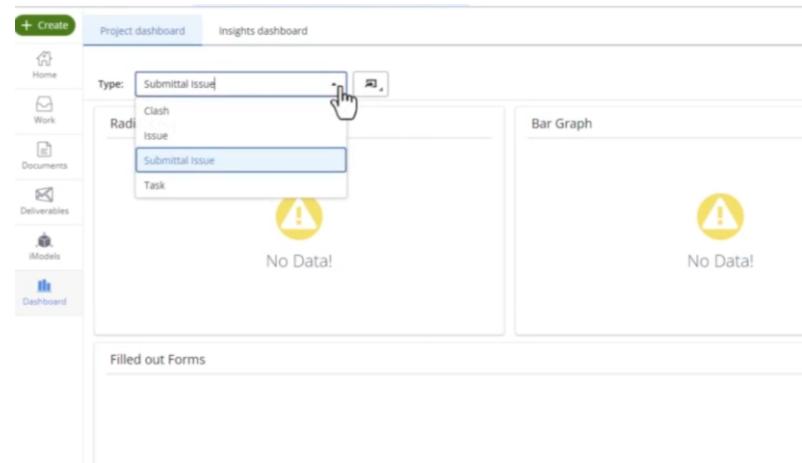
Approvals

Advanced



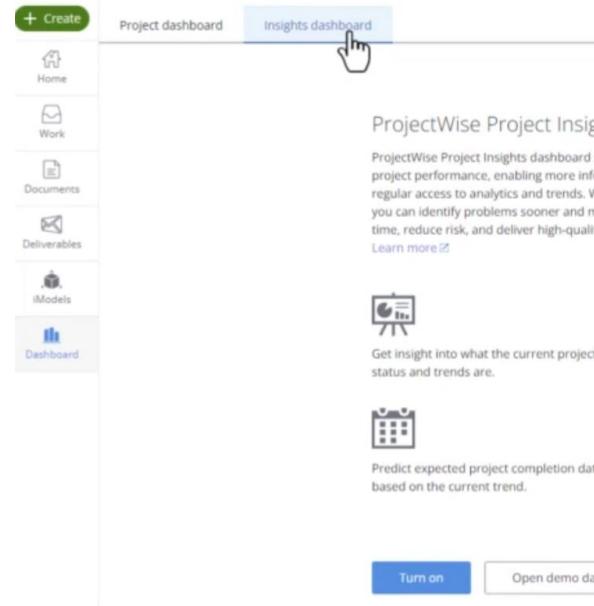
Services Available in the Infrastructure Cloud Portal - Dashboards

Project Dashboard



The Project Dashboard interface. On the left is a sidebar with icons for Home, Work, Documents, Deliverables, iModels, and Dashboard. A green '+ Create' button is at the top. Below it are tabs for 'Project dashboard' and 'Insights dashboard'. A search bar shows 'Submittal issue'. A dropdown menu lists 'Clash issue', 'Submittal issue', and 'Task'. Below the search bar are two charts: 'Bar Graph' and 'Filled out Forms', both showing a yellow warning icon and the text 'No Data!'. A sidebar on the right lists 'Radi' and 'Filled out Forms'.

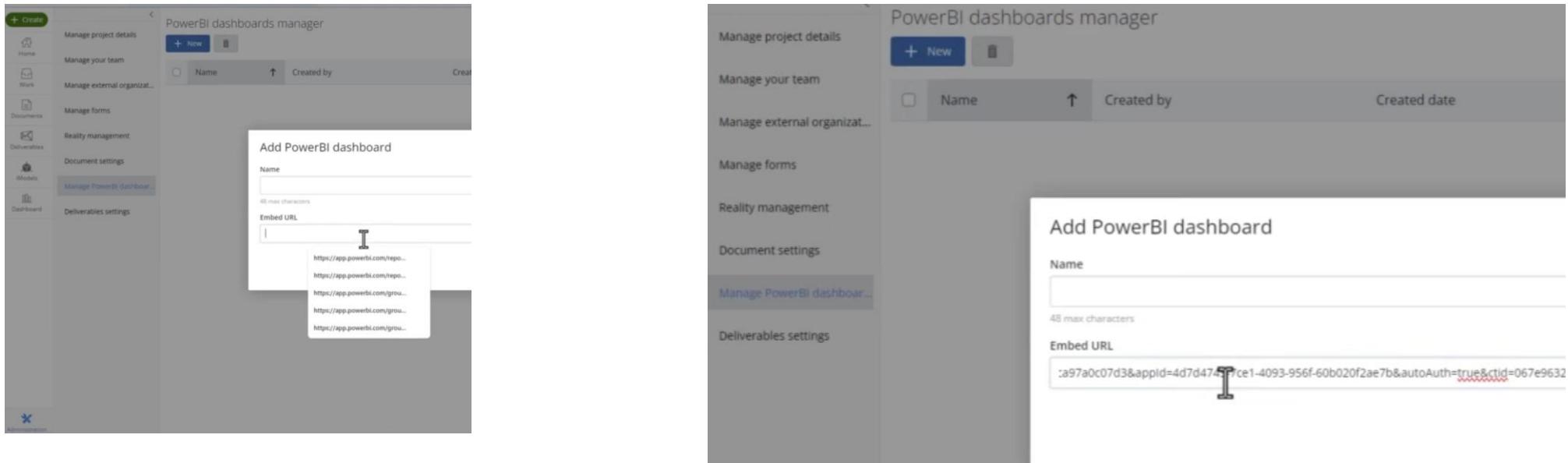
Insights Dashboard



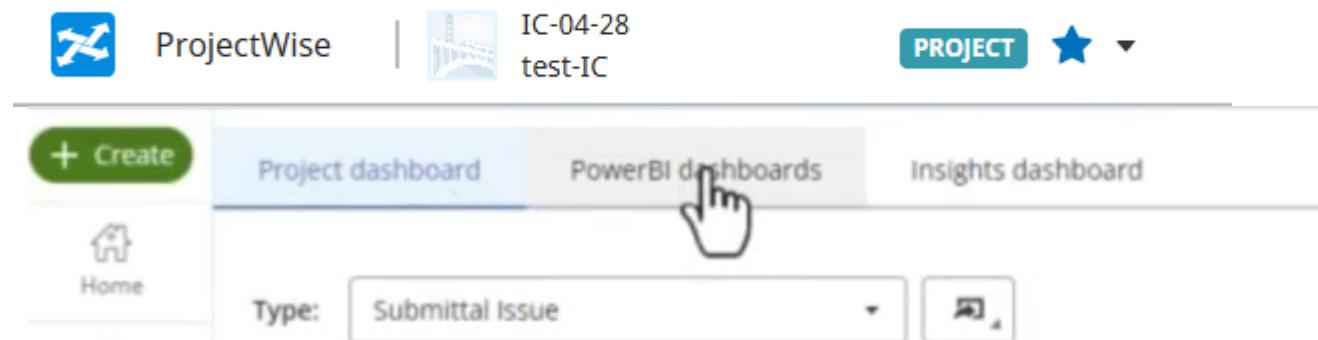
The Insights dashboard interface. On the left is a sidebar with icons for Home, Work, Documents, Deliverables, iModels, and Dashboard. A green '+ Create' button is at the top. Below it are tabs for 'Project dashboard' and 'Insights dashboard'. The 'Insights dashboard' tab is selected. A summary box for 'ProjectWise Project Insights' is shown, stating: 'ProjectWise Project Insights dashboard: project performance, enabling more informed decision-making. Get regular access to analytics and trends. You can identify problems sooner and reduce risk, and deliver high-quality results.' It includes a 'Learn more' link. Below are two cards: 'Get insight into what the current project status and trends are.' (with a bar chart icon) and 'Predict expected project completion date based on the current trend.' (with a calendar icon). At the bottom are 'Turn on' and 'Open demo dashboard' buttons.

Services Available in the Infrastructure Cloud Portal - Dashboards

PowerBI Dashboards



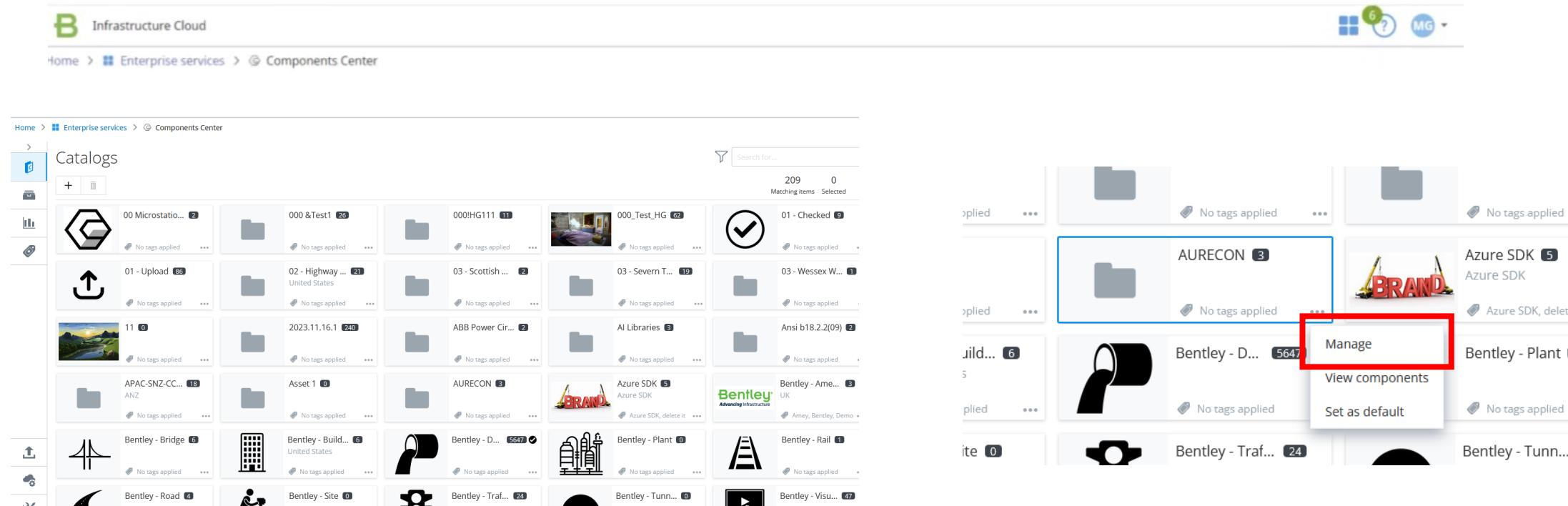
The image displays two screenshots of the PowerBI dashboards manager interface. The left screenshot shows the 'Add PowerBI dashboard' dialog, which includes fields for 'Name' and 'Embed URL'. Below these fields is a list of available URLs, with the first one highlighted: <https://app.powerbi.com/repo...>. The right screenshot shows the same dialog, but the URL field contains a longer, more complex URL that has been copied, as indicated by the cursor icon inside the input field.



The image shows the ProjectWise interface with the 'PROJECT' tab selected. At the top, there are ProjectWise and Bentley logos, and the project identifier 'IC-04-28 test-IC'. Below the header, there is a navigation bar with three tabs: 'Project dashboard', 'PowerBI dashboards', and 'Insights dashboard'. The 'PowerBI dashboards' tab is currently active, indicated by a blue background and a hand cursor icon pointing to it. On the left side, there is a sidebar with a 'Create' button and a 'Home' icon.

Services Available in the Infrastructure Cloud Portal - Components

Components, click enterprise on the right and select components



The screenshot shows the Infrastructure Cloud Components Center. On the left, there is a sidebar with various icons. The main area displays a grid of catalogs. At the top right, there is a search bar with the text 'Search for...' and a count of '209 Matching items Selected'. Below the search bar, there are two rows of catalog cards. The first row includes '00 Microstation...', '000 & Test1', '000HG111', '000_Test_HG', '01 - Checked', '02 - Highway ... United States', '03 - Scottish ...', '03 - Severn T...', '03 - Wessex W...', '03 - Upload', '11', '2023.11.16.1', 'ABB Power Cir...', 'AI Libraries', 'Ansib18.2.2(09)', 'APAC-SNZ-CC... ANZ', 'Asset 1', 'AURECON', 'Azure SDK', 'Bentley - Ame...', 'Bentley - Bridge', 'Bentley - Build...', 'Bentley - D...', 'Bentley - Plant', 'Bentley - Rail', 'Bentley - Road', 'Bentley - Site', 'Bentley - Traf...', 'Bentley - Tunn...', 'Bentley - Visu...', and 'Bentley - Traf...'. The second row includes 'Bentley - D...', 'Bentley - Traf...', and 'Bentley - Tunn...'. The 'AURECON' catalog card is highlighted with a blue border. A context menu is open over this card, with the 'Manage' option highlighted by a red box. Other options in the menu include 'View components' and 'Set as default'. Below the catalog grid, there is a section titled 'Shared with projects (0)' with a 'Share' button. On the right, there is a 'Share Catalog(s)' section with a 'ProjectWise Projects' table. The table lists several projects with checkboxes and project names. The 'ProjectWise Projects' table has columns for 'Project Number' and 'Project Name'. Projects listed include '258002' (BIC PoC #2), '25800' (US-72 & AL-101), 'Q2 2021 Demo Civil ORD' (Q2 2021 Demo Civil ORD), 'Synchro PoC' (Synchro PoC), and '10758' (MetronStation-ICN19650.PW565). A 'Share' button is located at the bottom right of the 'Share Catalog(s)' section.

Project Number	Project Name
258002	BIC PoC #2
25800	US-72 & AL-101
Q2 2021 Demo Civil ORD	Q2 2021 Demo Civil ORD
Synchro PoC	Synchro PoC
10758	MetronStation-ICN19650.PW565

CONNECT Upgrade to Infrastructure Cloud

Introduction:

A path from CONNECT projects to Infrastructure Cloud Projects

Administrators can now move CONNECT projects to Infrastructure Cloud, thus allowing users to take advantage of One Web Experience

Business value: Coherent UX leading to productivity gains

- **Improves Efficiency:** IC allows users to leverage workflow-based UX vs CONNECT where users need to figure out which service they must open to do their job.
- **Coherent UX:** By moving CONNECT projects to Infrastructure Cloud, everyone will have the same Web Experience, saving time, money and confusion.
- **Why Now:** Infrastructure Cloud is the go forward "One Web Experience" and the gateway to adopt and benefit from model-driven workflows and the ever growing set of capabilities

Key capabilities:

- Upgrades CONNECT projects with Work Area Connections, Deliverables Management, Forms and iModels, to Infrastructure Cloud
- Very fast and easy way for users to move their active CONNECT projects to Infrastructure Cloud
- Only Administrators and Project Owners can Upgrade projects (currently in EAP).

Key Customers who asked for (validated) this:

- Hatch, United Utilities, Kansas DOT, MHW Treatment, Siemens, HNTB, etc
- From Hatch: "this EAP will work perfectly for our needs"

The image shows two screenshots of the Bentley Infrastructure Cloud interface. The top screenshot is a 'ProjectWise 365 Services' dashboard with a red border, displaying icons for Share, ProjectWise Web Connections, Deliverables Management, Project Insights, Portfolio Insights, Issue Resolution, Forms, and Components Center. The bottom screenshot shows the 'Infrastructure Cloud' interface with a 'Register a project' button and a 'Upgrade projects' button. It displays a list of projects: 'AM-DEMO-BLDG-ALL-2016' (CONNECT, created Nov 28, 2016) and 'En BIC - Enero 2024' (PROJECT, created Jan 5, 2024). A green box highlights the first project. A green arrow points from the 'CONNECT' label in the highlighted project box to the 'Start upgrade' button in the 'Upgrade Project' dialog at the bottom. The dialog contains the text: 'This Connect project is upgradable to the Bentley Infrastructure Cloud project with improved functionality, security and performance.' and a checked checkbox for 'I understand that this upgrade is non-reversible.' with 'Start upgrade' and 'Cancel' buttons.

Enhanced Design and Construction Workflows

Enhanced Design and Construction Workflows

for Design projects

We are excited to announce enhanced design and construction workflows available now in the Infrastructure Cloud. These enhancements will help engineering and construction teams work better together across project phases and meet the growing demands and complexities of infrastructure project delivery.

[4D iModel Creation](#)

[PDF Settings](#)

[Inspections Module](#)

[Hierarchy Trees](#)

[Cost Code Configuration](#)

You'll notice that all "Design" projects are now listed as "Project" under "Type of Project." This change will not affect any of your project data. Please note, these enhancements must first be configured by administrators.

Enhanced Design and Construction Workflows, continued

- 4D iModel creation: A 4D iModel is where you add a fourth dimension of time, or your project schedule, to a 3D model. These enhancements will allow you to incorporate a 4D schedule into your iModel using an SP file generated by SYNCHRO Pro (**v6.5 or later**). *Please note that a [SYNCHRO 4D](#) entitlement is needed to create and edit the SP file.*
- PDF Plan Sets: You will now be able to upload plan sets for your projects and with the PDF Settings, create individual PDF sheets from the plan set. This enhancement enables you to input data for each sheet, create updated versions of a sheet, and compare between versions of a sheet or against other sheets.
- Inspections Module: The Inspections module will allow you to create inspection form definitions and a pay item structure in a configuration file that can be uploaded through the Inspections Configuration page. Once the configuration is completed, the form definitions will be added and available for editing through the Forms Manager or by creating Inspection Instances from the form definitions.
- Hierarchy Tree Configuration: When an Inspection Configuration file is uploaded, a hierarchy tree will be created. The Hierarchy Tree Configuration allows an administrator to manage items in the hierarchy tree. Items can be added or removed using the controls on the side panel or by importing an Excel configuration file.
- Cost Codes Configuration: The Cost Codes Configuration module, previously only available in SYNCHRO Control, will allow you to set up cost codes, download sample files, template files, and rules and formulas for creating cost codes. *Please note that [SYNCHRO Modeler](#) is needed to assign cost codes.*

Our Colors

CMYK | RGB | WEB | PMS

The Bentley color palette has been carefully crafted and has evolved to convey the ideas of a stable, professional, technical, and modern software company. The use of the colors represents the overall brand and maintains a sense of consistency throughout Bentley's marketing.

Bentley Black
RGB 26, 26, 26
WEB 1A1A1A

Bentley Green
RGB 68, 214, 44
WEB 44D62C
Pantone 802 C

Bentley Grey
CMYK 0, 0, 0, 30
RGB 188, 190, 192
WEB bcbec0

Bentley Grey
WEB d1d3d4

Bentley White
RGB 255, 255, 255
WEB FFFFFF

Bentley Med Blue
CMYK 81, 38, 0, 0
RGB 20, 134, 200
WEB 1485c7

Bentley Grey
WEB e6e7e8

Bentley Orange
CMYK 0, 70, 97, 0
RGB 243, 112, 36
WEB f37024

Bentley PowerPoint Resources (hyperlinked)

All can be found on [Branding Portal](#)

PowerPoint Support Graphics Library

Inventory of graphics aligned with Corporate messaging, which should be proliferated in our presentations for consistency in how we communicate storylines. These graphics are also designed as PowerPoint objects to provide flexibility for color changes as needed.

Pre-made Slide Layouts

Some pre-designed slide layouts for some of the more common use cases (be sure to check the presenter notes for more details on each slide).

Industry Divider Slides

These are now hosted as a separate file to keep this main template simplified and a smaller file size.