



What's New

PowerPack for Vault 2025.1



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1. GENERAL INFORMATION ABOUT VERSION 2025.1

The 2025.1 version of the **PowerPack for Vault** comes with improvements on the existing features.

- Enhance communication with item state change notification and direct file links in Powerpack for Vault Emailing tool.
- Lifecycle view for custom jobs.
- Sync file and item lifecycles automatically for seamless management.

The users of Autodesk Vault versions 2024 and 2025 will benefit from these novelties from the **PowerPack for Vault 2025.1**, as this version can be installed on both versions of the platform.

1.1. COMPLIANCY WITH AUTODESK VAULT 2025

The **PowerPack for Vault 2025.1** is compliant with **Autodesk Vault Client 2024 and 2025 versions**.

The PowerPack for Vault 2025.1 can be installed using the Setup PowerPack for Vault 2025.1. The setup will install version 2025 of the PowerPack on Vault 2024 and 2025, if these were previously installed.



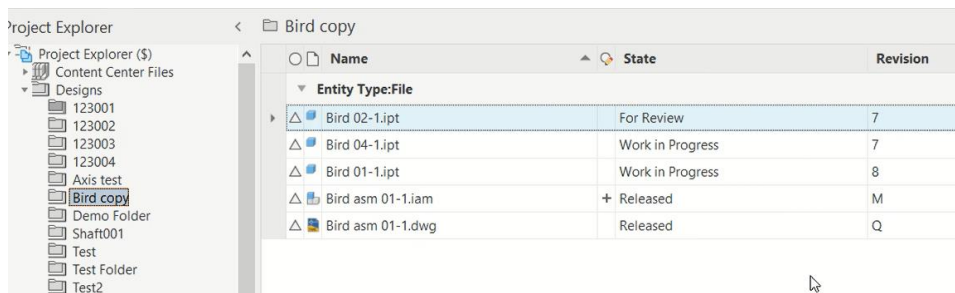
2. IMPROVEMENTS

In this version, at the request of our users, we worked to improve the Email/Property tool, to add more information to visual life cycle management and synchronize files and item lifecycles automatically.

2.1. DIRECT FILE LINKS IN EMAILS

To carry out their tasks using the Vault, users receiving the emails must manually copy the file name from the email, paste it into the Vault Client, and search to find the files. This manual task is time consuming and annoying, not offering a smooth workflow for the user.

Therefore, starting with version 2025.1, links to designated files from the emails will be included as well. This will allow users to go directly to the files using the link from the email, improve user experience and saving a time.



Name	State	Revision
Entity Type:File		
Bird 02-1.ipt	For Review	7
Bird 04-1.ipt	Work in Progress	7
Bird 01-1.ipt	Work in Progress	8
Bird asm 01-1.iam	Released	M
Bird asm 01-1.dwg	Released	Q

File before changing the state

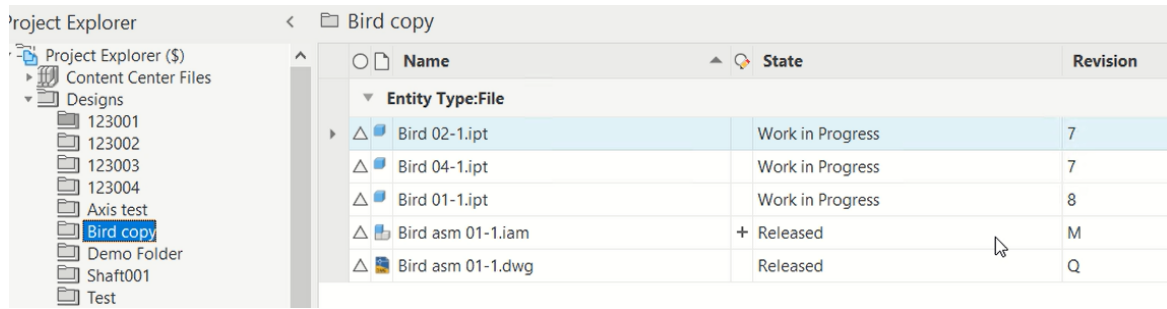
As Vault users know, the hyperlink to a specific file in Vault is an embedded functionality. If we copy a file link and paste it into the browser it will download a file. When the user opens that file, it takes them straight to the file in Vault.

“In the Vault Power Pack 2025.1, we’ve enhanced the Email/Property tool to include a new feature. When an email is sent with a file, a hyperlink is attached.

Clicking this hyperlink directs the user to the specified link, downloads the file, and upon opening, takes them directly to the intended file.”



Hyperlink in an email sent by the Email tool



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Entity Type:File		
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File after changing the state

2.2. ITEM STATE CHANGE NOTIFICATION

Until version 2025, the Email/property tool from the PowerPack for Vault only responded to state changes on files. Therefore, when an Item state changes, no notification was sent.

Starting with version 2025.1, we have expanded the functionality Email/Property tool to work and send notifications also when an item made a state change.

When configuring the Email/Property tool, in the Lifecycle selection drop-down menu, item lifecycles will be available, based on the lifecycles defined within the Vault.

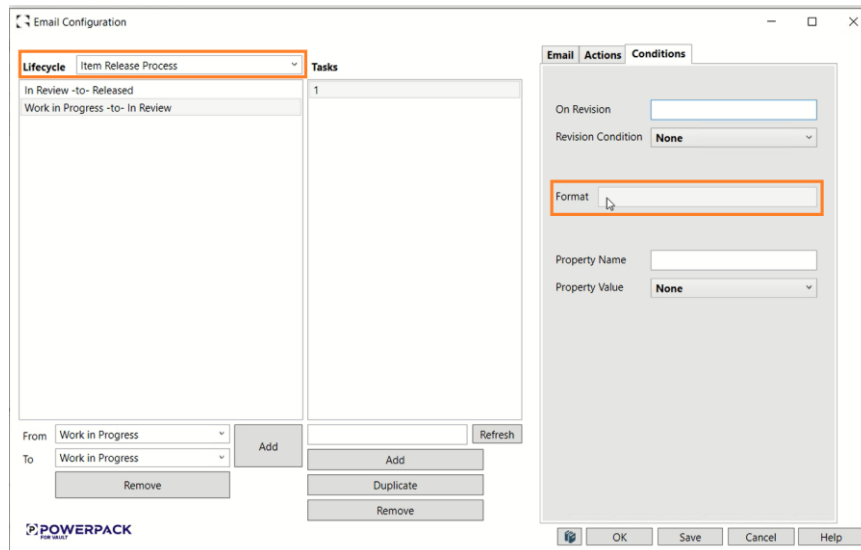
In this example the Item Release Process is now available in the drop-down menu.



Item state change notification

Selecting this Lifecycle will allow you to configure what is happening when an item state changes.

The configuration is done the same as for files. The only difference between items and files is that for the items the format is not available as it is for files.



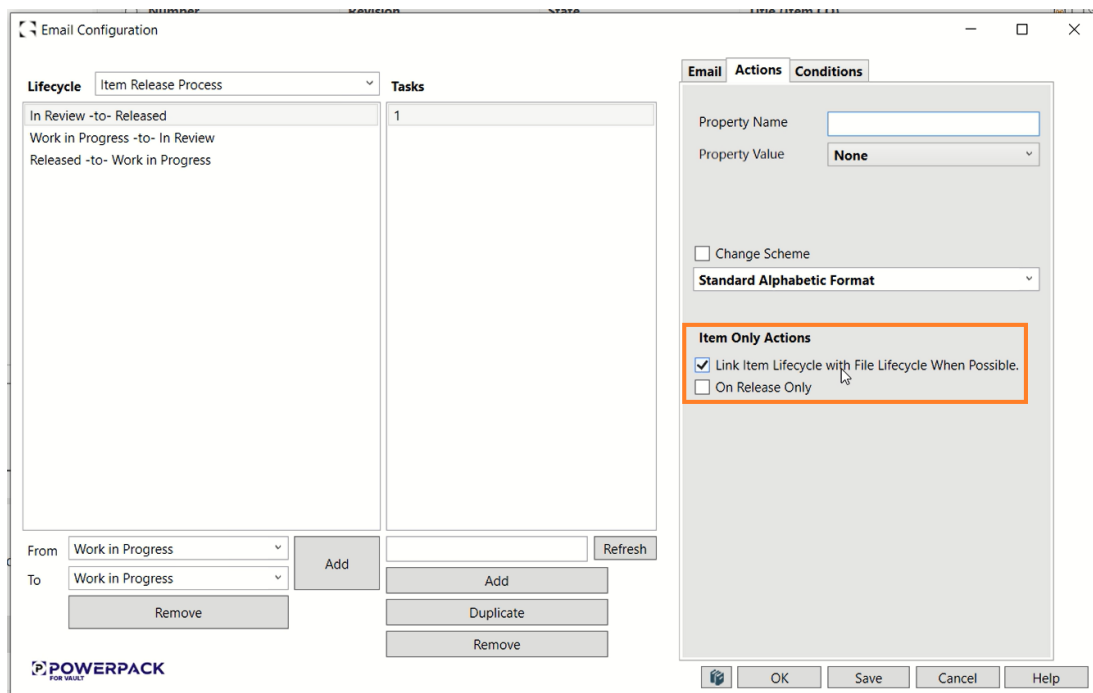
Item Notification settings

2.3. SYNC FILES AND ITEM LIFECYCLES AUTOMATICALLY

The new functionality will allow users to automatically sync file and item lifecycles, rather than managing them independently as separate lifecycles.

Therefore, when the state of an item changes, will trigger an automatic change of the files state attached to that item.

In the Email/Property tool we have added some options for Item specific Actions:



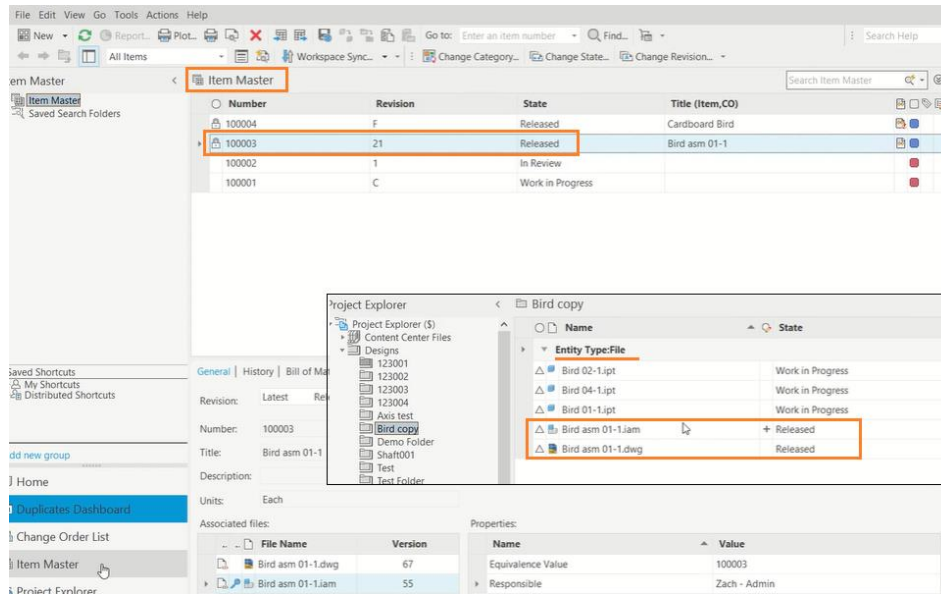
Item -File Lifecycle sync option

The functionality operates based on **matching the exact name of the lifecycle state**. For a change to occur, both the state file and the lifecycle must have a matching state name.

So, what this does is when the item lifecycle changes to release, if it can find a release state for the files, it will also set the files to release state.

If they don't share the same state name, such as when an item changes to a state like "checking" but the files don't have a "checking" state, the files won't change state.

Therefore, it indicates that changes will only happen when there is a corresponding lifecycle state that matches.



Item and files sync-up

2.4. VISUAL LIFE CYCLE – DISPLAY CUSTOM JOBS

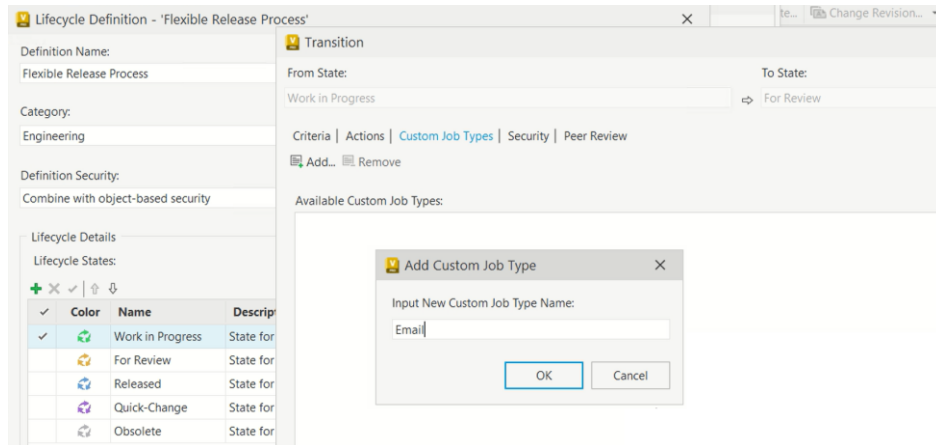
For this version we have done a small update on Life Cycle Management.

This small update consists of displaying the custom jobs in the information panel of the Visual life cycle.



Life Cycle Management – Custom Jobs

Therefore, any custom job that is configured for a lifecycle state within the Vault settings, will be shown in the visual panel.

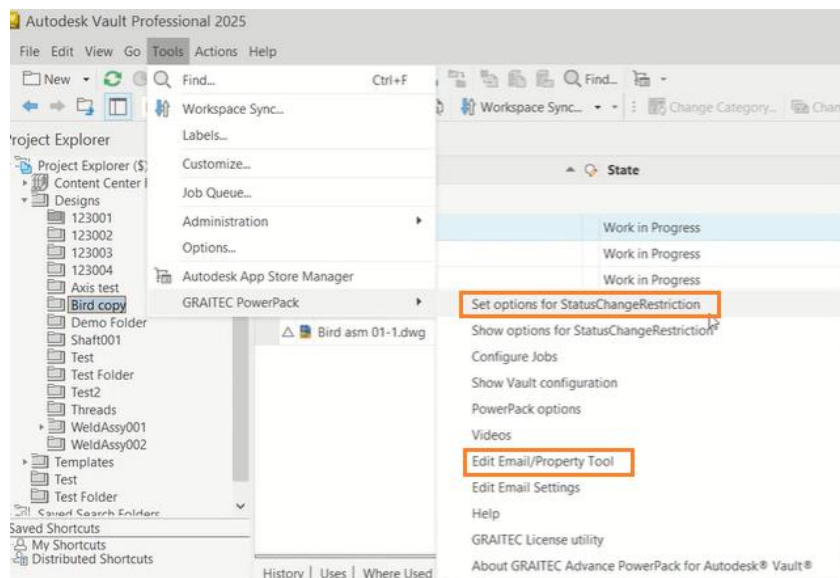


Life Cycle Management – Vault Settings

2.5. FIX CLASH BETWEEN 2 FUNCTIONALITIES

We identified a clash between two functionalities of the Powerpack, the “Set options for StatusChangeRestriction” and “Email/Property tool”.

What was happening is that the restriction tool was not allowing a file status to change, which was what the function was going to do, but the e-mail property tool was still asking for information about the e-mail or property it was about to change or edit, even though it wasn't going to be allowed to do that.



StatusChangeRestriction/EmailPropertyTool

To fix this clash between the commands, we have added an internal list that structures when different actions take place, and these two commands are on that list.

The status change restriction always goes 1st and if it doesn't find any restrictions then the e-mail property tool activates.

So, when a life cycle state changes, first it takes place the StatusChangeRestriction and after that the Email/property tool.