

What's New in Vault 2024



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Vault 2024: Enforcing Standards

Delivering standards enforcement, intuitive tools, and administrative enhancements

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Focus on the Work

Export more design formats for downstream collaboration. Create new projects from a template structure.



Enforcing Standards

Manage and distribute Inventor template and design data. Enforce peer review during the design process.



Intuitive Tools for Collaboration

User-interface enhancements for more intuitive workflows and workflow enhancements.



Authors

Focus on the Work

Export DXF & STEP Format

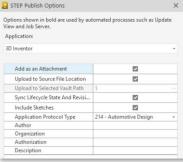
Benefits

 Users can export DXF and STEP files for manufacturing, suppliers, and subcontractors as part of the release process

- On-demand DXF/STEP publish
- DXF/STEP publish on state transition
- Sync LC state and revision on DXF/STEP files
- DXF/STEP file getting created in vault to use Design Rep classification and PDF like workflow
- DXF/STEP file publish options like PDF publish options

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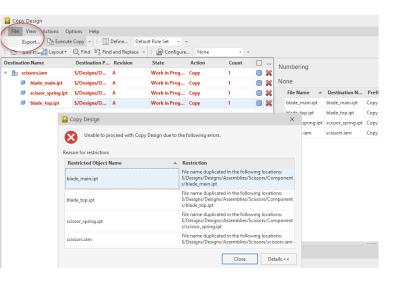


Copy Design Enhancements

Benefits

• Design re-use efficiency by reducing number of clicks to complete the workflow and pre-checks to prevent errors prior to creating a new design variation

- More **usability** by enabling Copy/Paste in the copy design numbering panel
- Use the Copy/Paste functionality to edit multiple row values in and excel spreadsheet and then copy them to the Copy Design with one operation
- More guidance through highlight restriction before copy operations start (property: --)
- Export File list within the warning dialog





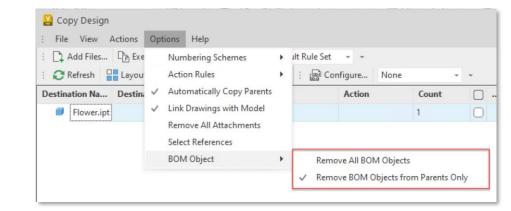
Copy Design BOM Enhancements

Benefits

 Newly copied parts can be assigned to an Item immediately after Copy Design is executed

Capabilities

 Copy Design updates the BOM information in part files without having to open them in Inventor first



Copy Folder Structure

Benefits

- Setup a new project quickly
- Start with a known folder structure

- Users can create a project folder from a template or previous folder structure
- Copy Folder Structure permissions and Properties

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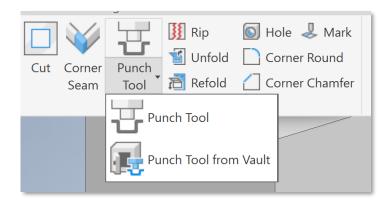
Insert Punch Tool from Vault

Benefits

 Users can select sheet metal punches from Vault when they are not in the local workspace

Capabilities

• Browse for 3D iFeature shapes from Vault to be inserted into the sheet metal face





Administrators

Enforcing Standards

Inventor Design Data & Template Management

Benefits

- CAD Administrator can create and deploy template updates to users easily through Vault
- Users remain up-to-date with templates and design data without manual updates

- Inventor\Vault integrated experience for the Template and Design Data Files
- Automatic updates of Templates and Design Data within specific workflows

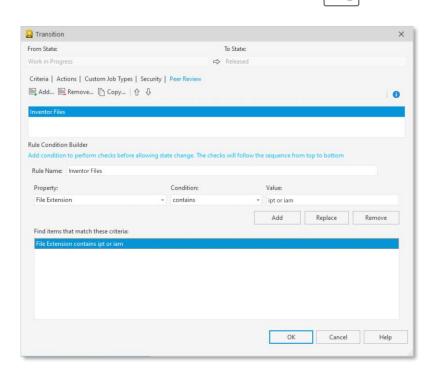
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Peer Review

Benefits

• Control the lifecycle process by requiring a different user to transition to the next state

- Configure State transition to require Four Eyes Check
- Configure multiple rules for which files require Peer Review based on property values



Job Processor



Benefits

 Apply retry strategy to visualization and custom jobs to reduce administration and user disruption to re-submit such jobs manually

- Automatic Retry capability for failed Job
- Specify retry strategy between 1 and 10 attempts
- The Job Processor will retry the failed jobs automatically without manual intervention

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Thin Client – Admin Settings

Benefits

• Administrators can set default columns for all Thin Client users

Capabilities

• Administrators set default columns

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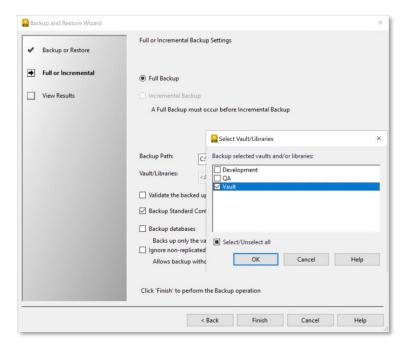
Backup/Restore Enhancements

Support for Large Vault Environments

Benefits

- Provide more flexibility in the Vault Server backup command to assist with backing up specified data components
- Help customers with large Vault environments that cannot use the existing backup command in the Vault Server

- Backup databases only
- Perform selective vault and library databases to backup
- Use existing file store during the restore process
- Do not run a file store validation during the restore process







Participants

Intuitive Tools for Collaboration

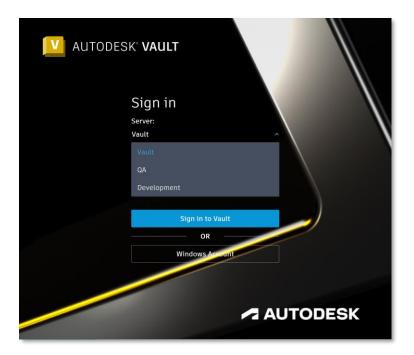
Thin Client – Enhancements

Benefits

• Select the vault you need at the time of signing into the Thin Client

Capabilities

• Vault drop-down list showing the available vaults on the server



Thin Client – Enhancements

Benefits

• Improve interactions and control within the Thin Client interface

Capabilities

• Control for Expanding or Collapsing All for Objects with Structure

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Thin Client – Search Enhancements

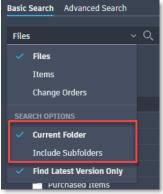
Benefits

 Advanced Search capabilities paired with a modern UI for better experience

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- Save searches as bookmarks in the browser
- Search individual workspaces or multiple workspaces
- Search workspaces of choice with search parameters
- Search current folders and sub-folders
- Find latest version only



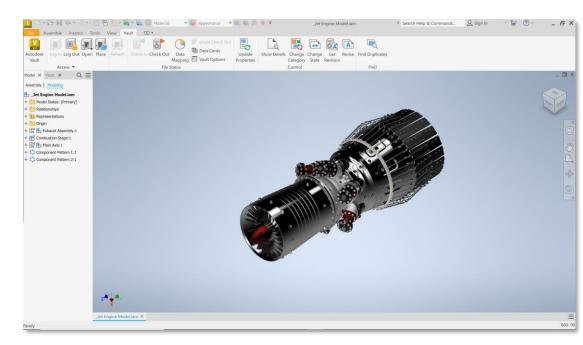


Inventor Read-Only Vault Add-in

Benefits

- Users get access to Vault Professional data directly from Inventor Read-only
- Review models efficiently without going between applications

- Vault Add-in available in Inventor Read-only
- Open files from Vault Professional in Inventor Readonly



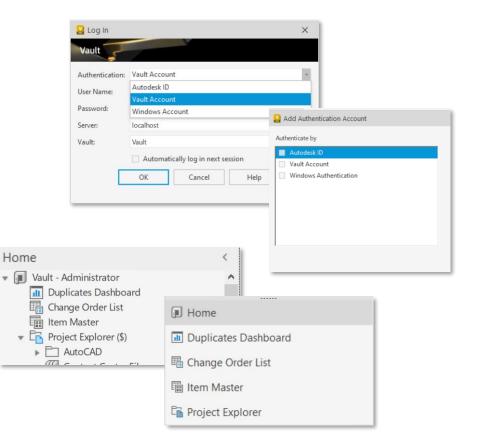


Idea Requests

Other Ideas Implemented

Interface Updates

- Authentication Options sorted alphabetically
- Home page sorting order consistency



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