# Automation Engine

## What’s New in 23.11

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Product Manager and Product Owner

ESKO

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- My Workspace improvements
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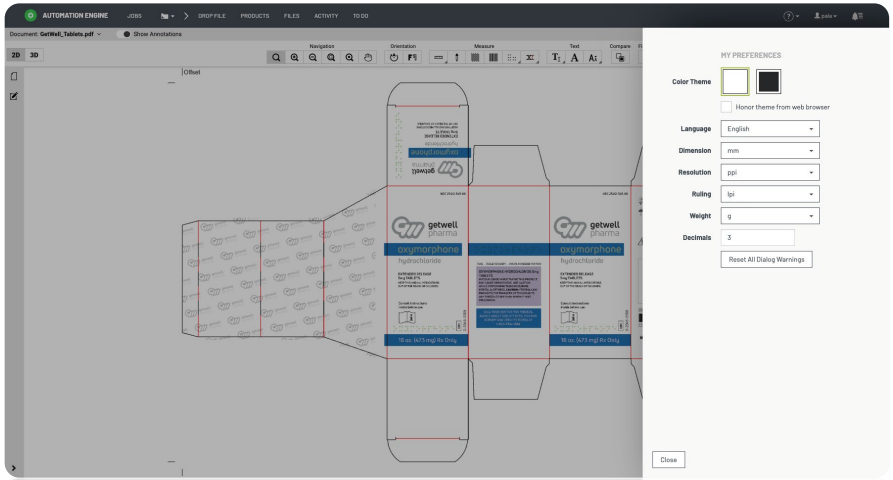
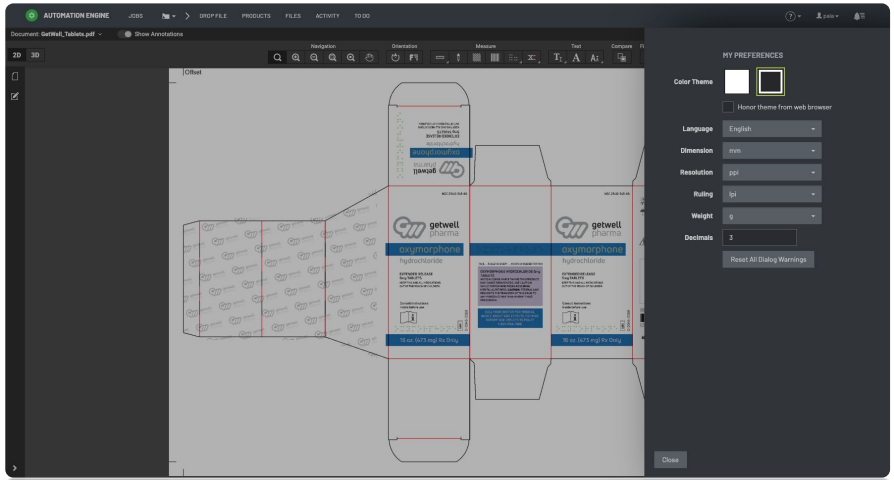
# Continuing the Viewer improvement journey

# New dark/light mode

- Improved viewing visual tasks with more accuracy
- Proofreading tasks become safer, and easier on the eye

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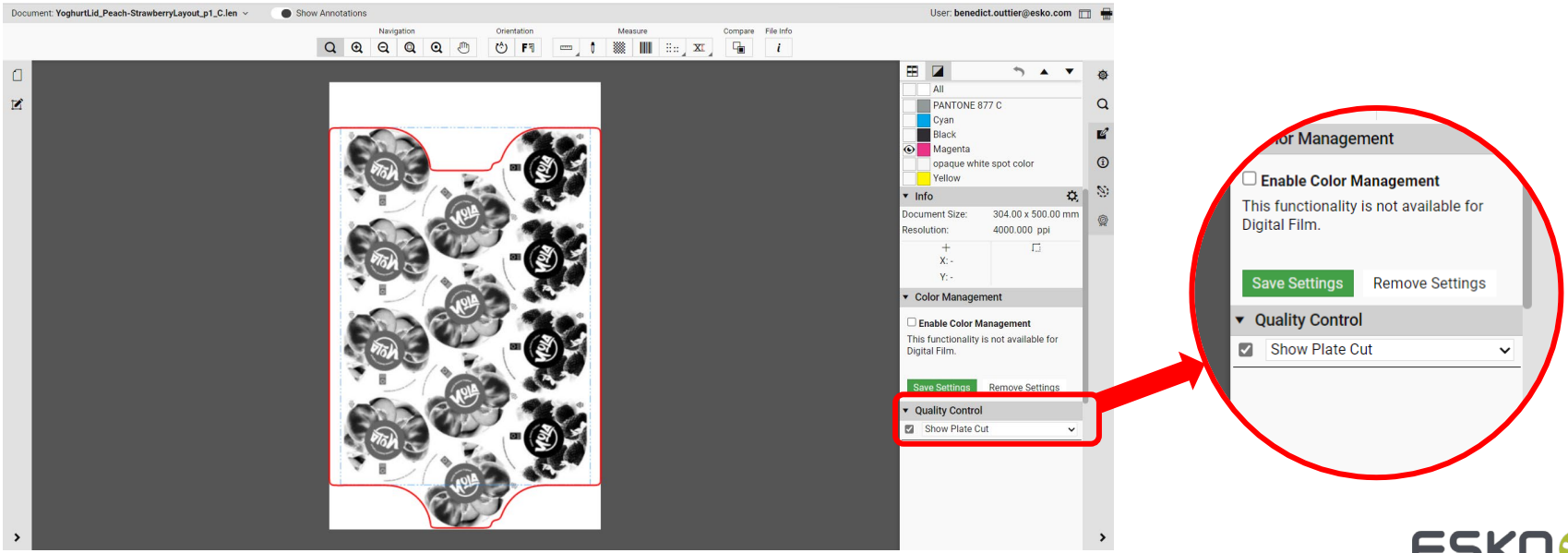
# Showing plate cutting paths on LEN files

Available in the latest viewer technology

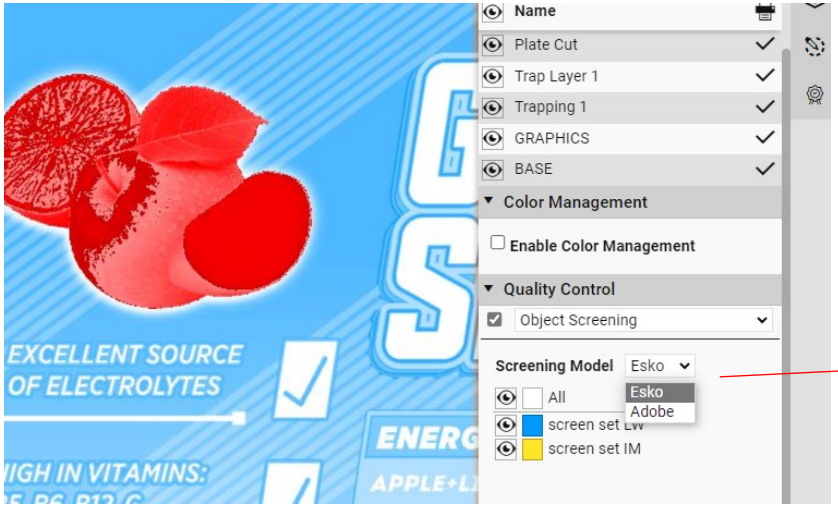
- Improved Quality Control widget now shows all Plate Cut lines embedded in your LEN files

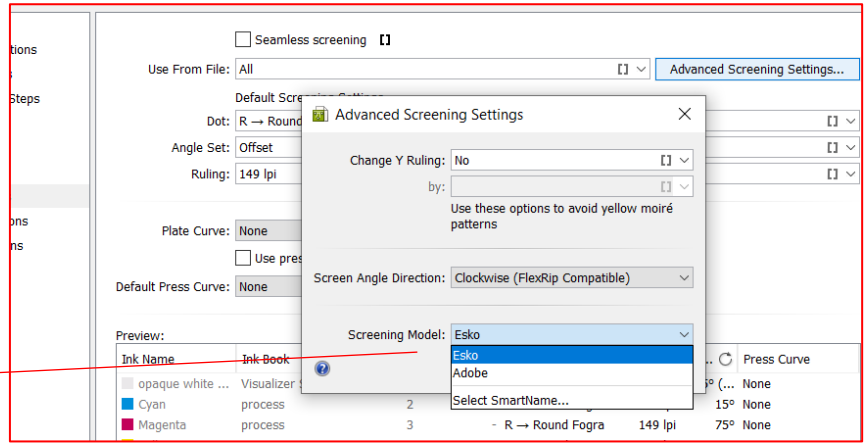


# Object Screening Models in Viewer

Available in the latest viewer technology

- Object screening can now be viewed in both screening models available in the Imaging Engine task

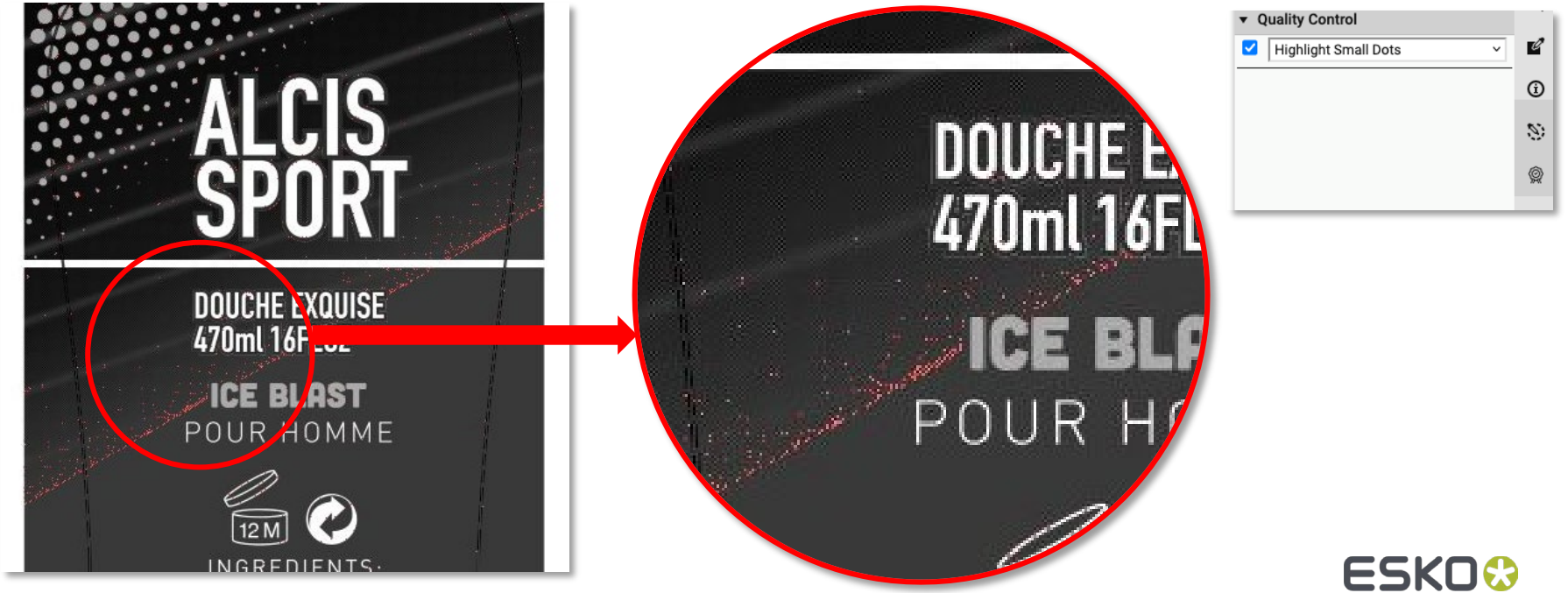


# Highlight Small Dots in Viewer

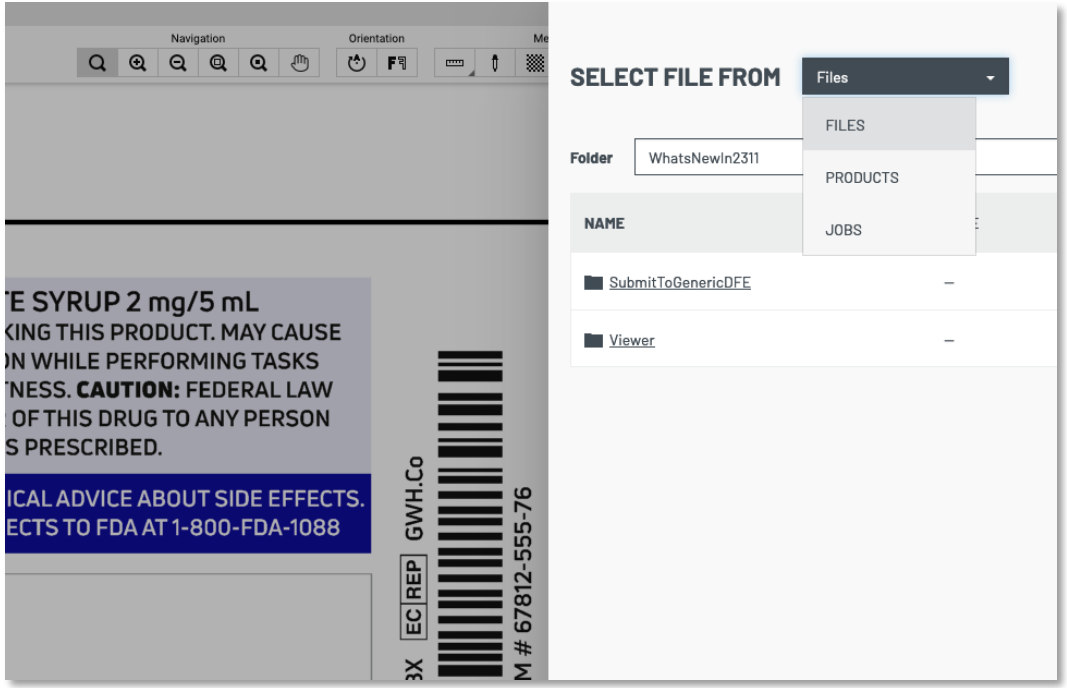
Available in the latest viewer technology

- When viewing RIP'ed data, a new tool in the Quality Control widget to highlight small dots, hairlines, …



# Browse Jobs and Products in Viewer to compare

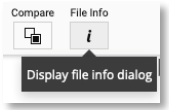
- Access files from anywhere, straight from within the Viewer
- A new file selector to easily navigate to Jobs, Products and Files
- Allows for easier access to files for comparison checks

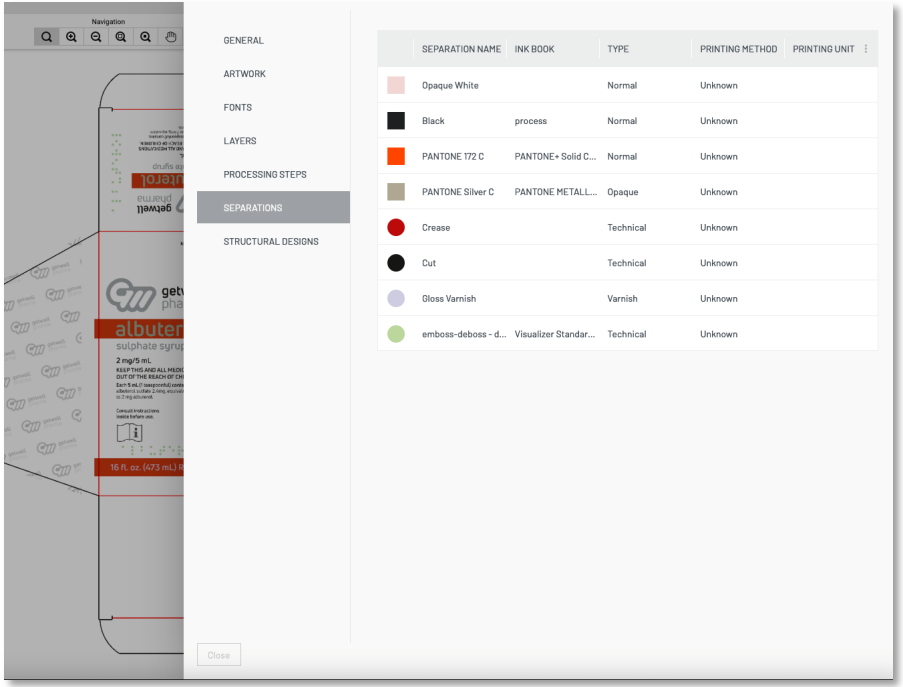


# File info dialog in Viewer

Available in the latest viewer technology

- Fast access to file information and metadata whilst performing quality checks

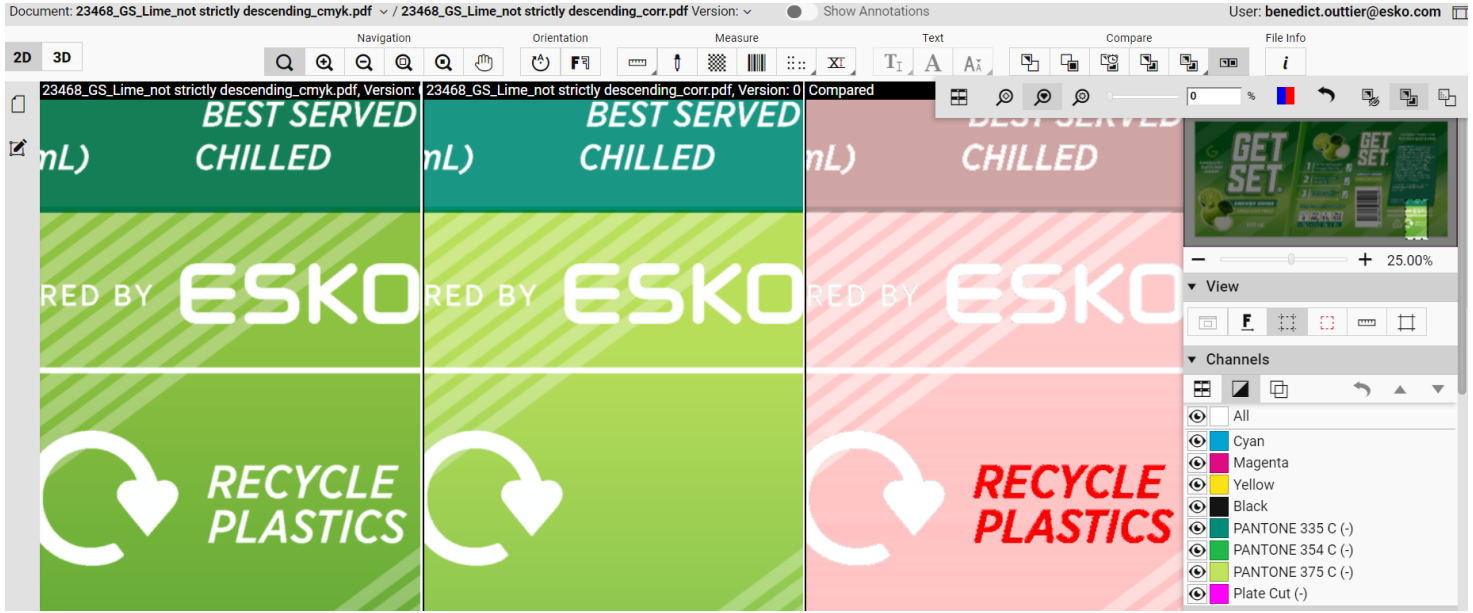


# Improved HSV compare in new Viewer

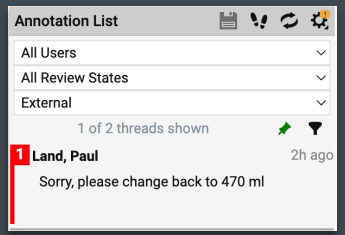
Available in the latest viewer technology

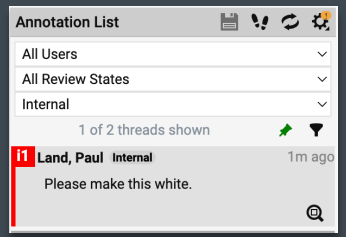
- Gradual increase based on color difference
- Closes a gap with the old viewer technology

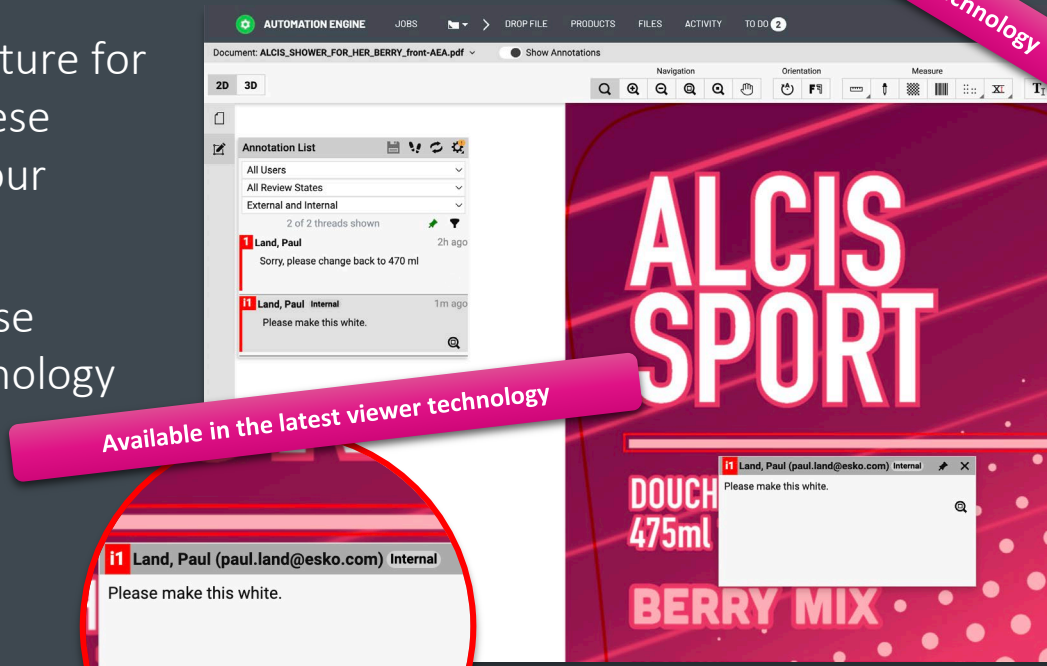


# Improved Share and Approve Integration

- Share & Approve has a great new feature for tagging annotations as “Internal”. These annotations can only be viewed by your internal users.
- Automation Engine can also view these annotations in the latest viewer technology
- Filter on types of annotations



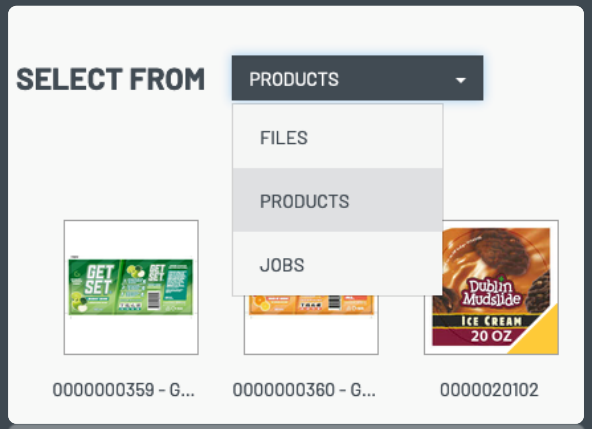

Available in the latest viewer technology

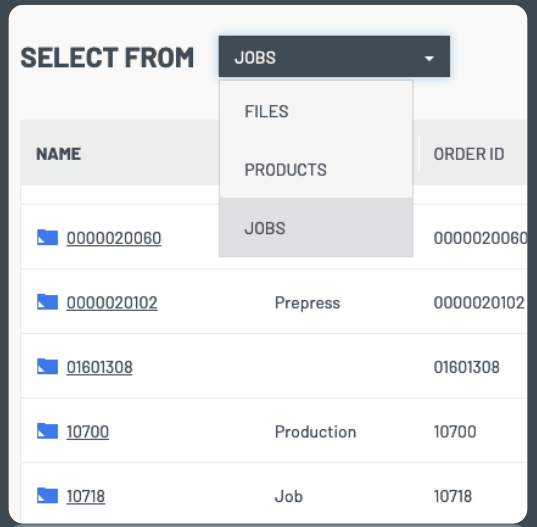
Available in the latest viewer technology

# Improvements to My Workspace

# Browsing for files in Jobs and Products

- All file selectors in My Workspace can now navigate to Jobs, Products and Files
- Example: selecting a file to compare with in the Viewer

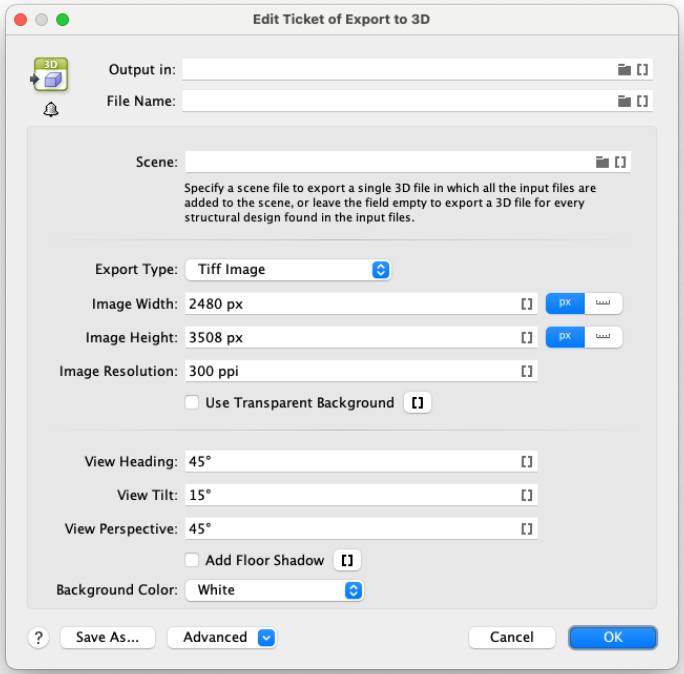


# Accelerating the migration to native PDF

# New Task: Export to 3D

- The new Export to 3D task now accepts native PDF files with CAD information
- It generates an image or a 3D file
  - PDF File with 3D design
  - Collada File
  - U3D File
  - Binary glTF File
  - …




Note: The “Export to 3D (Classic)” task is still available for normalized files.

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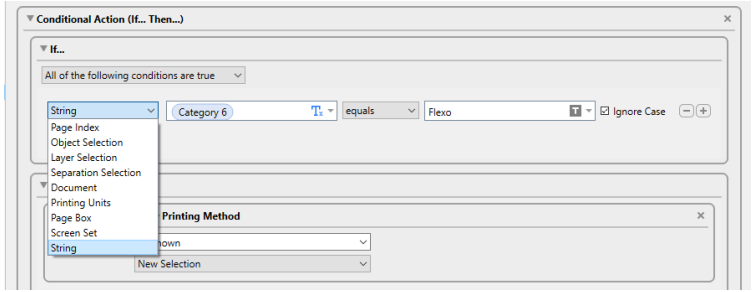
# Support for new and updated PDF actions

- ‘Conditional (IF .. Then)’ can now also be based on a string (e.g. a job parameter)
- ‘Clip on selected shape’
- Multiple actions can be grouped together

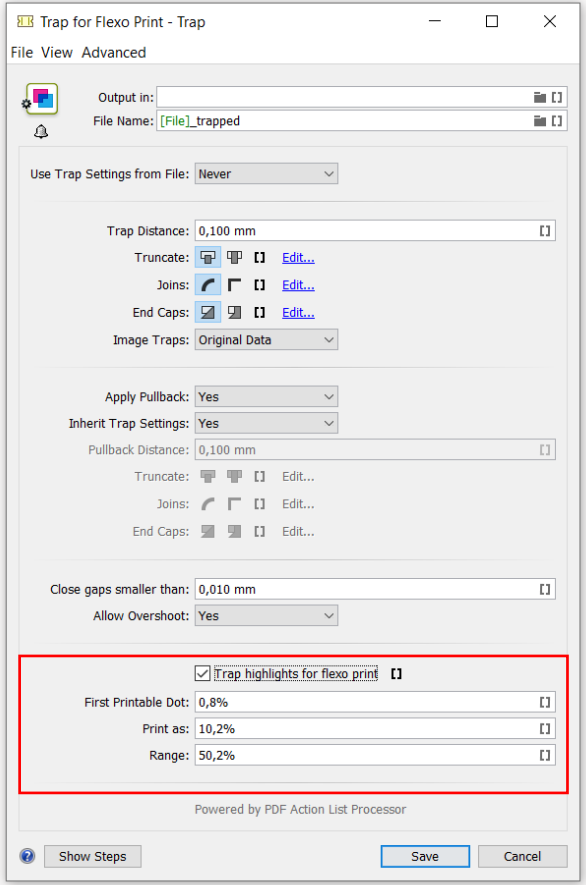



- ‘Create Plate Cutting Path’ action: can be used for both manual and automatic creation of plate cutting path (for the selected separations)
- It is possible to call another PDF action list from the main action list.
- It is possible to nest multiple conditional actions (IF inside another IF)
- ‘Select Clip Group’

See ArtPro+ for more details

# Trap Highlights for Flexo Print

- The Trap task offers extra options to better handle very light areas for flexo print

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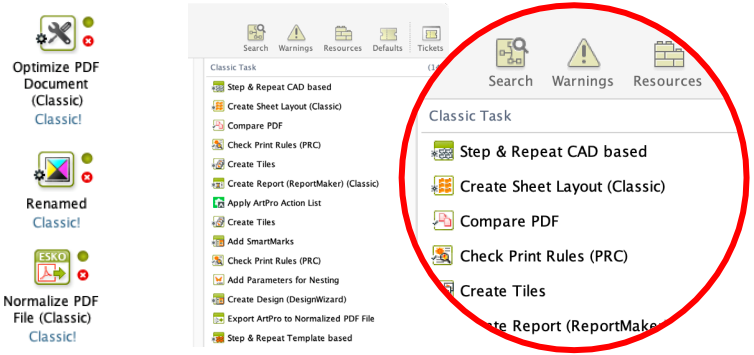
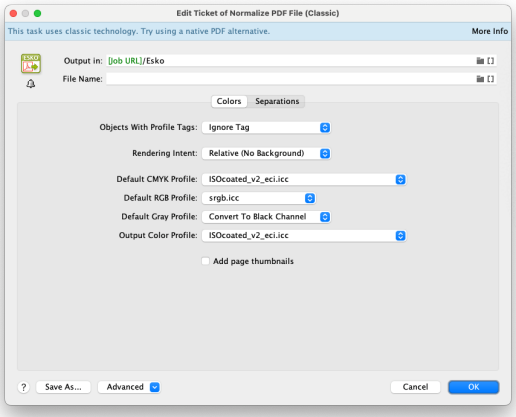
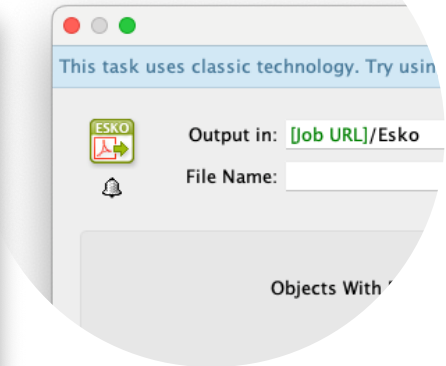
# Classic Tasks: label, warnings and info banner

- Increased awareness and visibility when using ‘Classic’ tasks:
  - Classic tasks are now also tagged as “Classic”
  - Improved warning panel highlighting classic tasks
  - New info banner, highlighting this is a classic task
  - Helping you build smarter workflows faster



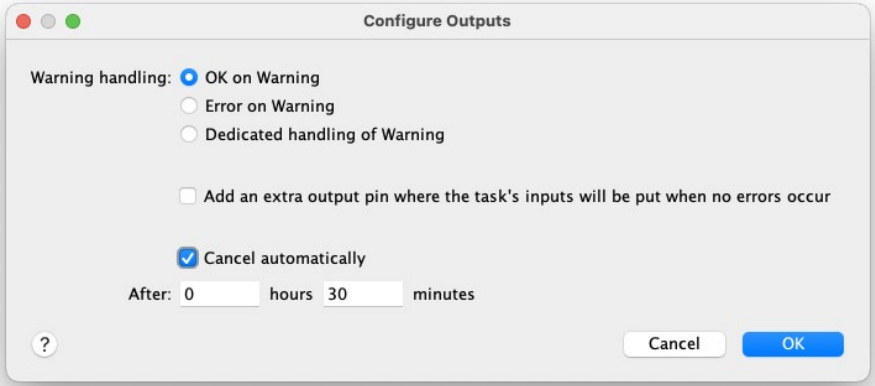

*Note: This does NOT mean ‘Classic’ tasks are about to disappear in the near future

# Value for Maintenance

New features designed to improve efficiencies

# Automatic Cancelling of a Task

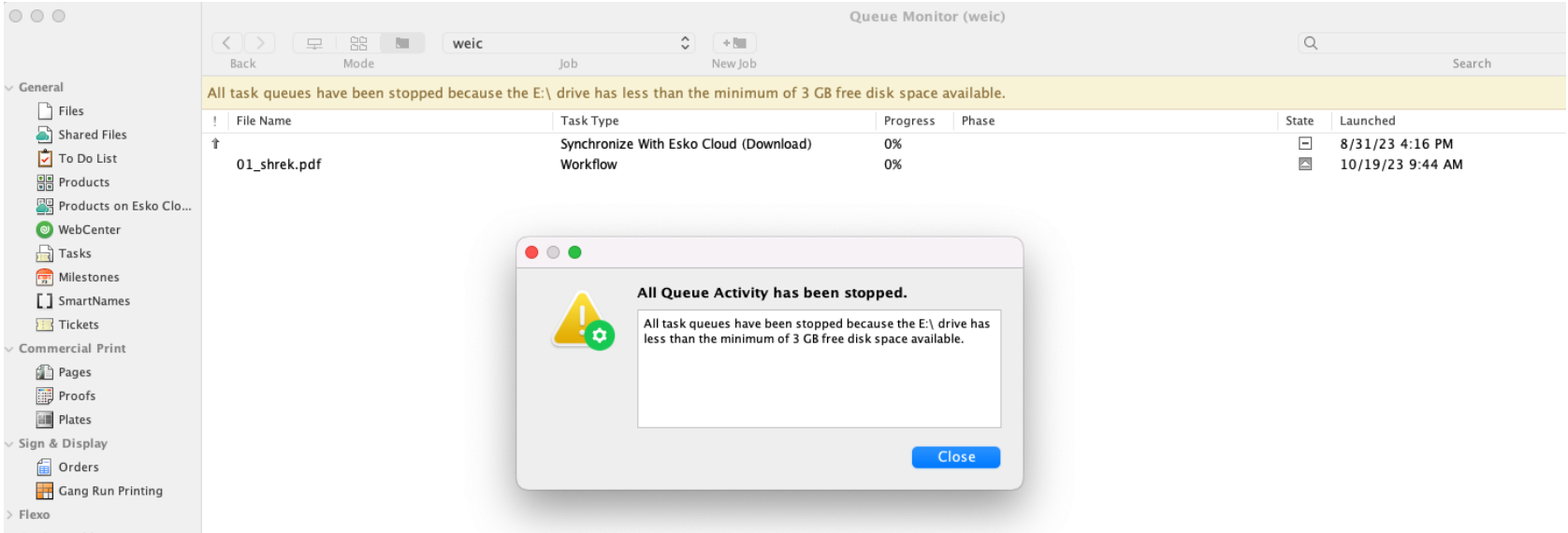
- The 'Configure Outputs' dialog now allows to cancel a task automatically if it takes (a lot) longer than expected.




INITIATED FROM THE IDEAS PLATFORM

# Task Queue stops on low disk space

- No Tasks will be started when the disk space is lower than 3 GB (on the disk where AE software is installed). This prevents outages due to full disks
- Automatic re-starting when enough space is again available

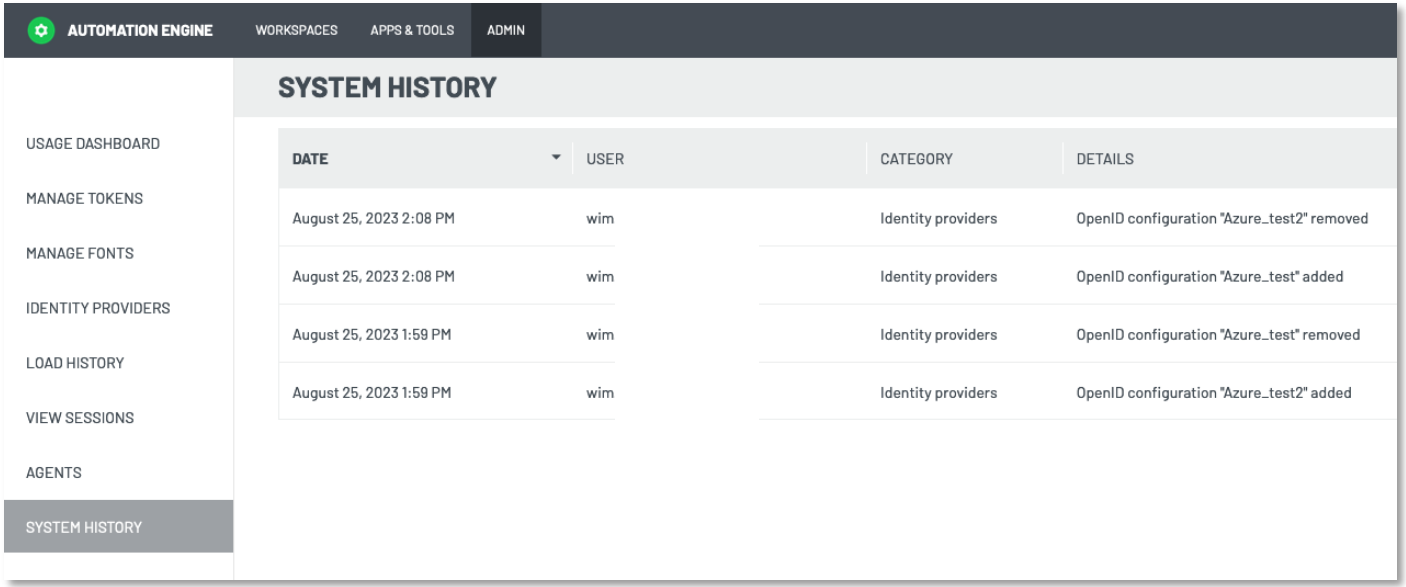


# Administrators

Essential information for Automation Engine administrators

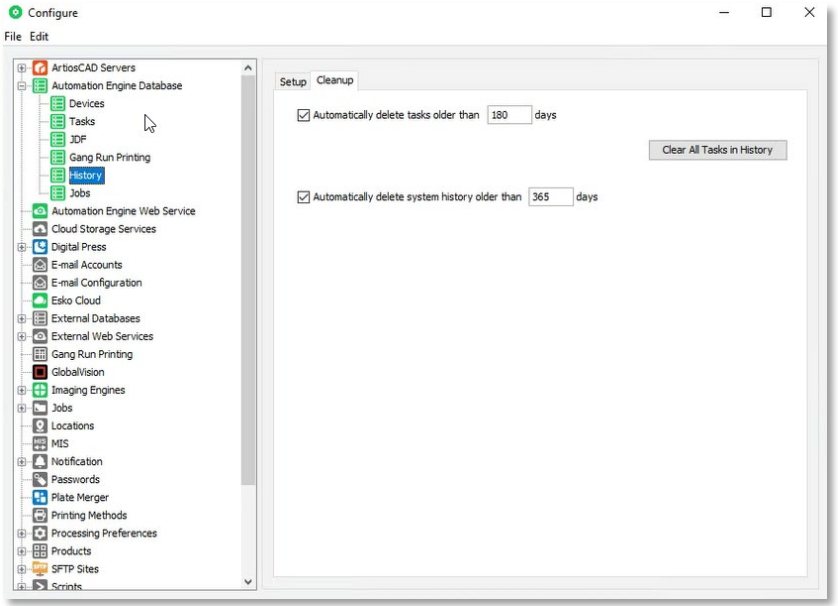
# System History tracks Identity Provider changes

- A new System History page in the ADMIN section tracks all changes in the 'Identity Provider' configuration (and more later)



# System History Cleanup

- The AE Databases in the Configure tool: the item ‘Task History’ has been renamed to ‘History’
- This allows us to add additional features in the future
  - One new feature is the ability to configure a schedule to clean up the System History data.

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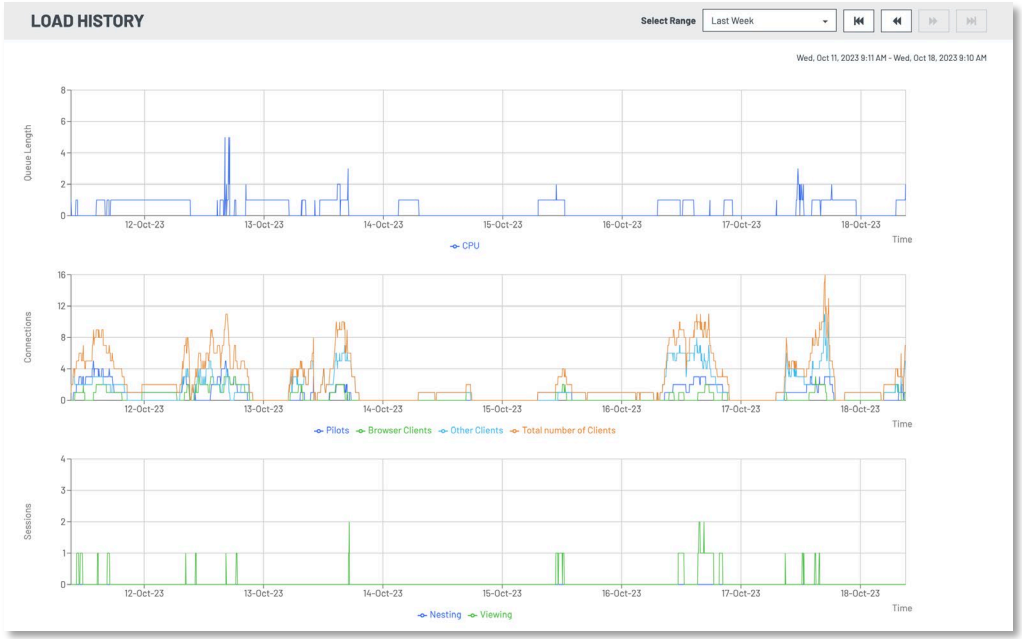
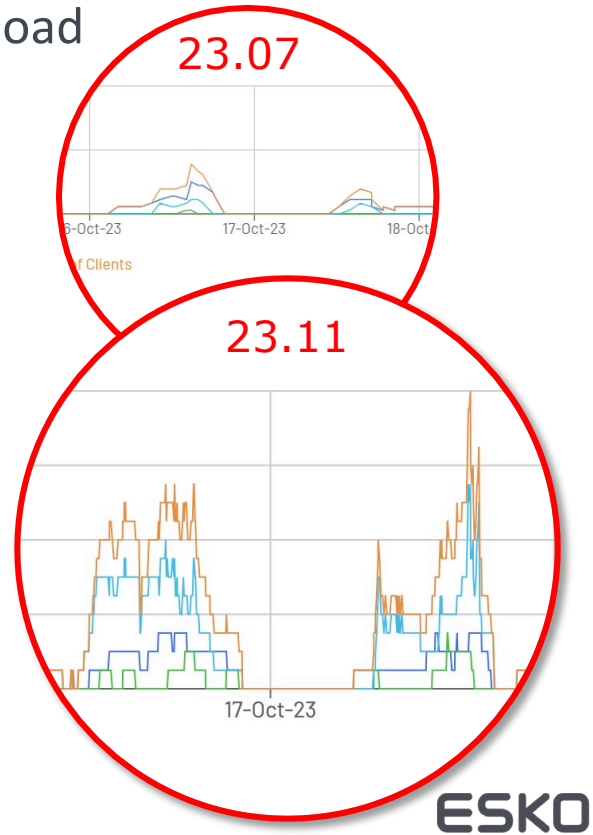
# Improved graphs in Load History

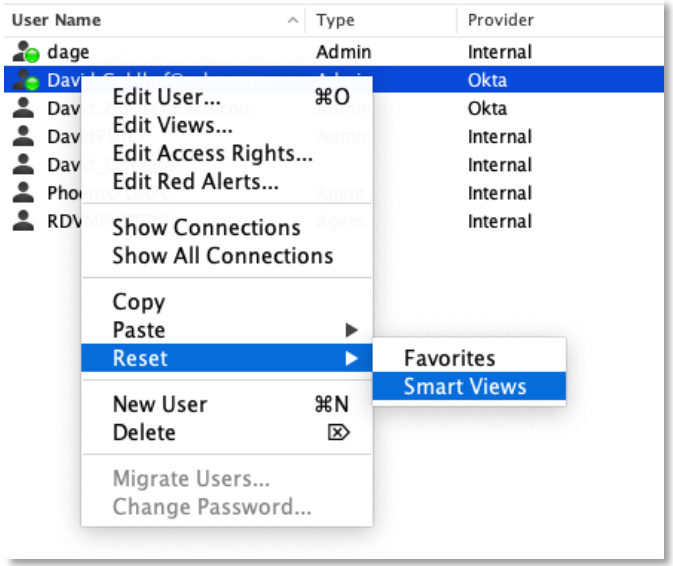
- The graphs showing the history of your server's load now show more detail



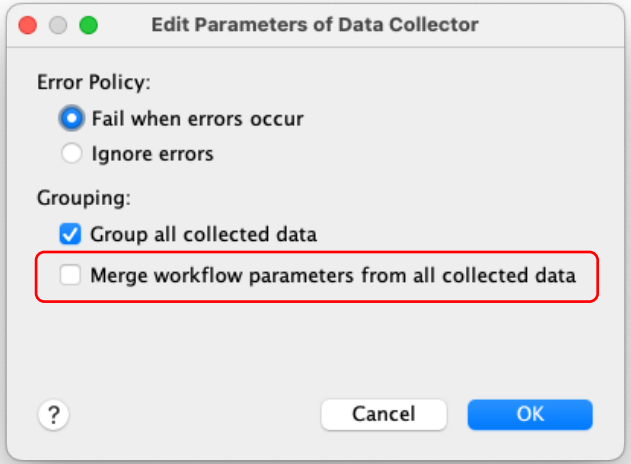
# Resetting a User's Views / Favourites

- An administrator can now do a reset of a user's Views and Favourites.
- This makes it much easier to apply a new set of a Views / Favourites to a user (previously it was not possible to delete existing ones).



# Merge workflow parameters in Data Collector

- In the workflow control 'Data Collector', the option 'Merge workflow parameters from all collected data' is now **OFF** by default.
- Existing workflows will be unchanged.
- Learn more in the AE manual.



# Flexo Engine

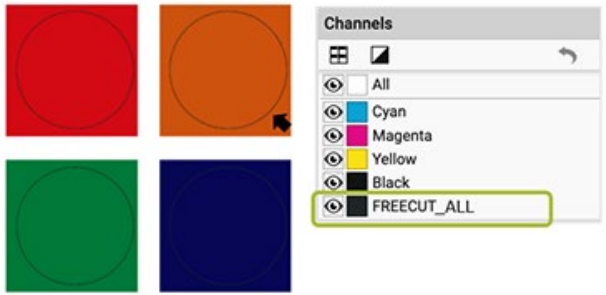
# Advanced Free-Cut

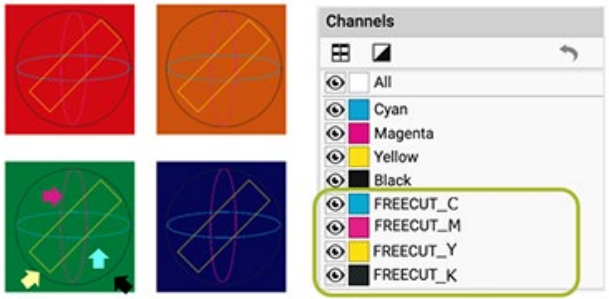
In a **Normalized PDF, t**echnical inks with name **FREECUT** or **FREECUT_<short ink name>** can now be used to drive the Kongsberg cutting table

One FREECUT ink for all separations

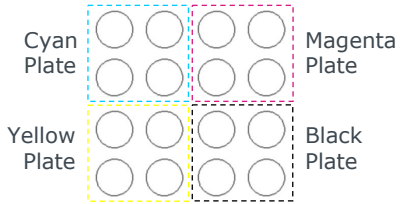
FREECUT ink per separation

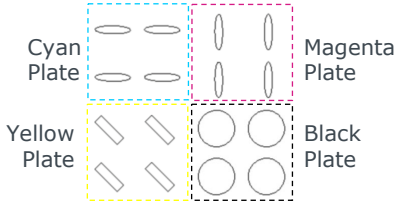
Job




Cutting File

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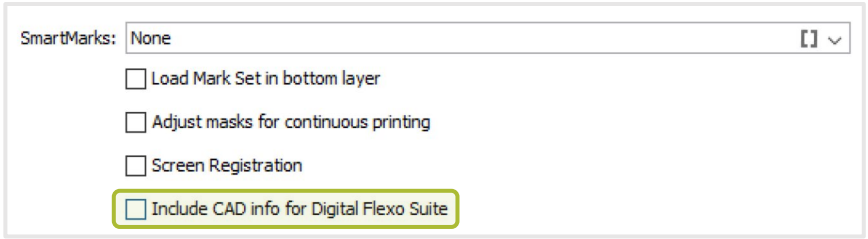
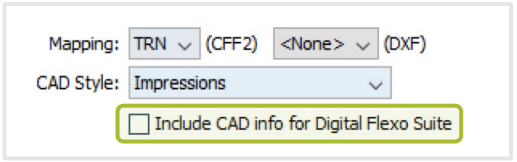
# Advanced Free-Cut

- Switch on “Include CAD info for Digital Flexo Suite” in the Classic Step & Repeat tasks in Automation Engine or Plato

Step & Repeat Tabular (Classic)
General tab




Step & Repeat CAD based (Classic) / Step & Repeat Template based (Classic)
CAD Options tab

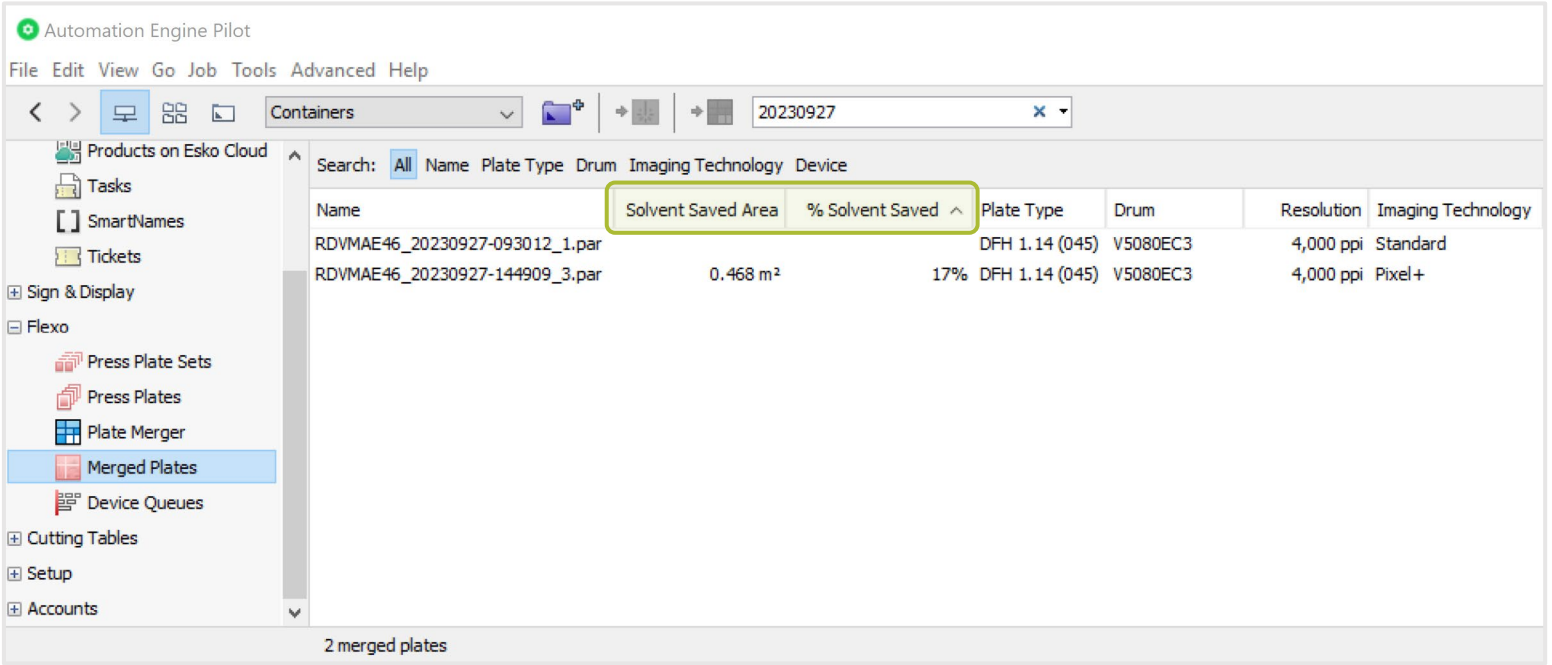



- Activate the “Apply cutting flow” functionality in the “Submit to Plate Merger” task

Submit to Plate Merger task
General tab

# Solvent Saver metrics in Merged Plates View

The Merged Plates view now also offers the columns "% Solvent Saved" and "Solvent Saved Area“.

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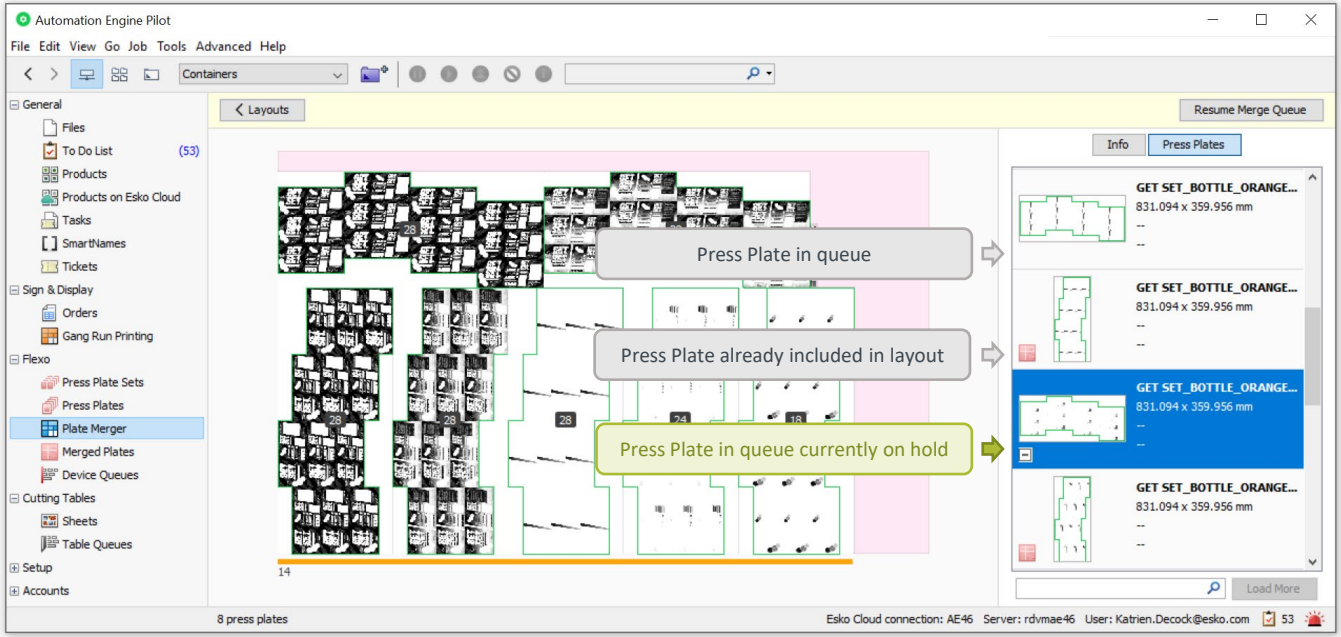
# Visualization of “on hold” Plates in Layout Editor

"Load more" functionality now clearly shows which plates are currently on hold



# Improvement to Reporting XML Files

Reporting XML file now also includes extended info on the used test strips

```
...
<Preview>images/RDVMAE46_20231013-135259_4_5/altona_visual_p1_Y_rot__.lenx.gif</Preview>
<ExposeState>ST30:EXP_OK</ExposeState>
<Ink>Yellow</Ink>
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<Width unit="mm">420.0017</Width>
<Rotate>90</Rotate>
<Resolution unit="ppi">4000</Resolution>
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<Submitted>2023-10-13T13:51:57+02:00</Submitted>
<Exposed>2023-10-13T14:02:12+02:00</Exposed>
<Used unit="sqmm">124741.4</Used>
<Waste unit="sqmm">382435.7</Waste>
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</Images>
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<Width unit="mm">187.9853973388672</Width>
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<Label>rdvmae42</Label>
</TestStrip>
</TestStrips>
</FlexoPlateReport>
```

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# System requirement changes

# System requirement changes

- Added support for macOS Sonoma (14)
- Dropped support for macOS Catalina (10.15)

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