

Automation Engine

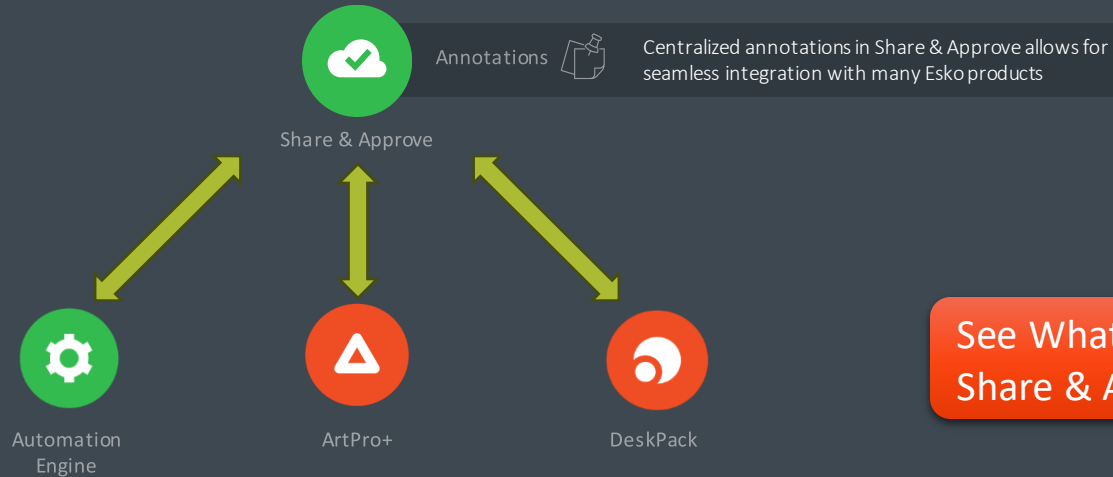
What's New in 23.07

Paul Land and Benedict Outtier
Product Manager and Product Owner

Esko Cloud link

Esko Cloud link on files uploaded to
Share & Approve

Share & Approve for your centralized Annotations



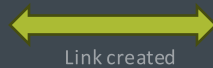
See What's New in ArtPro+ and Share & Approve for more information

Esko Cloud Link

When a PDF is uploaded to Share & Approve a link is automatically generated



ArtPro+



Link created



Share & Approve



Link used



Automation Engine



DeskPack

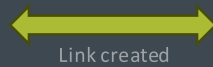
Automation Engine will recognise that link. This enables;

- files to be opened into Share & Approve from Automation Engine
- annotations to be viewed in the viewer
- upload new version

Automation Engine can create a link to Share & Approve on upload of file



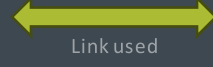
Automation Engine



Link created



Share & Approve



Link used



ArtPro+



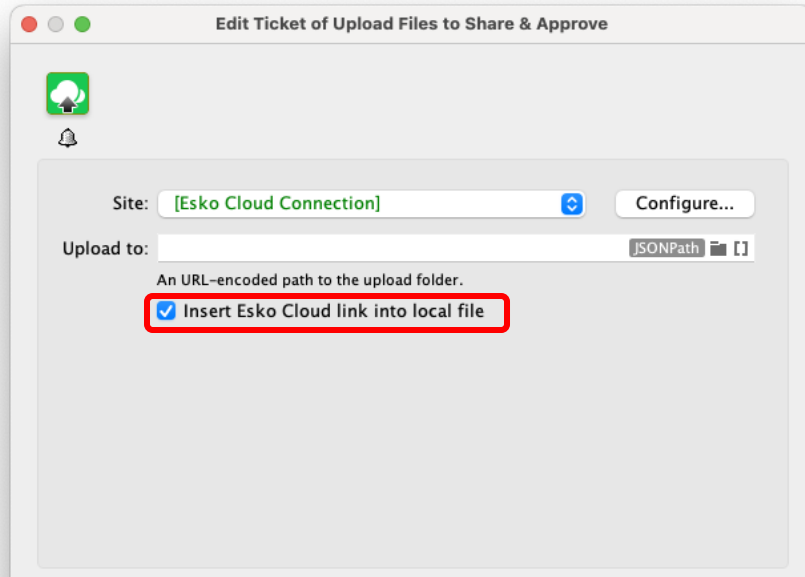
DeskPack

ArtPro+ and DeskPack recognise the link. This enables;

- viewing annotations
- commenting on annotations
- creating new annotations
- upload new versions
- open Share & Approve

Esko Cloud Link

- The upload task can add a link to the file uploaded to Share & Approve
- Creates a clickable link to the file in Share & Approve
- The link also enables the viewing of annotations in Automation Engine



Open file in Share & Approve

- New option in File info both in Pilot and My Workspace
- Clickable link which opens the file directly in Share & Approve

The screenshot displays the 'Automation Engine' interface. The top navigation bar includes 'AUTOMATION ENGINE', 'JOBS', 'DROP FILE', 'PRODUCTS', 'FILES', 'ACTIVITY', and 'TO DO 18'. The main content area is titled 'INFO YOGHURTLID_1UP_PEACH.PDF'. On the left, a sidebar lists categories: GENERAL, ARTWORK, BARCODES, FONTS, LAYERS, PLACED ART / IMAGES, PROCESSING STEPS, SCREEN SETS, and SEPARATIONS. The main panel shows file details: File Name (YoghurtLid_1up_Peach.pdf), File Size (5.4 MB), File Type (PDF File), and Number of Pages (1). Below these are 'Created by' (Esko PackEdge 20.0.0 NT Jun 4 2020, build 17258), 'Created' (December 12, 2022 10:27 AM), and 'Modified' (March 20, 2023 10:34 AM). At the bottom, a red-bordered box contains the text 'Esko Cloud Link' followed by a blue underlined link 'View on Esko Cloud'. A small image of a peach is visible at the bottom left of the main panel.

View annotations from Share & Approve in Automation Engine

The screenshot displays the Automation Engine software interface. The top navigation bar includes 'AUTOMATION ENGINE', 'JOBS', 'DROP FILE', 'PRODUCTS', 'FILES', 'ACTIVITY', and 'TO DO' (with a notification icon). The user is identified as 'benedict.outtier@esko.com'. The document being viewed is 'Document: YoghurtLid_1up_Peach.pdf'. The main workspace shows a circular peach yogurt lid design with several annotations:

- A red circle highlights a 'wrong code' annotation on the top peach.
- A red square highlights a 'square remark' annotation on the central 'YOLA' logo.
- A red line highlights a 'how' annotation on the bottom peach.

The left sidebar contains an 'Annotation List' with three entries:

- 1** Outtier, Benedict (benedict.outtier@esko.com) wrong code 4m ago
- 2** Outtier, Benedict (benedict.outtier@esko.com) square remark 4m ago
- 3** Outtier, Benedict (benedict.outtier@esko.com) how 4m ago

The right sidebar shows the 'View' and 'Channels' panels. The 'View' panel includes zoom controls (11.74%) and view options. The 'Channels' panel lists color and fill options: All, opaque white spot color, Yellow, Magenta, Cyan, Black, PANTONE 877 C, guide, and die cut. The 'Info' panel shows document dimensions: 98.60 x 98.60 mm. The 'Layers' panel lists: Name, Type, Die, Cutting, White Underprint, and Guide.

Removing Esko Cloud Link

- The link will remain with the file, even when copied
- The link can be removed with a new task 'Remove Esko Cloud Link'
- Task can be used in conjunction with any workflow to remove the link to Esko Cloud
- Removing the link will ensure the annotations are no longer viewable in ArtPro+, DeskPack or Automation Engine



Remove Esko
Cloud Link

Value for Maintenance

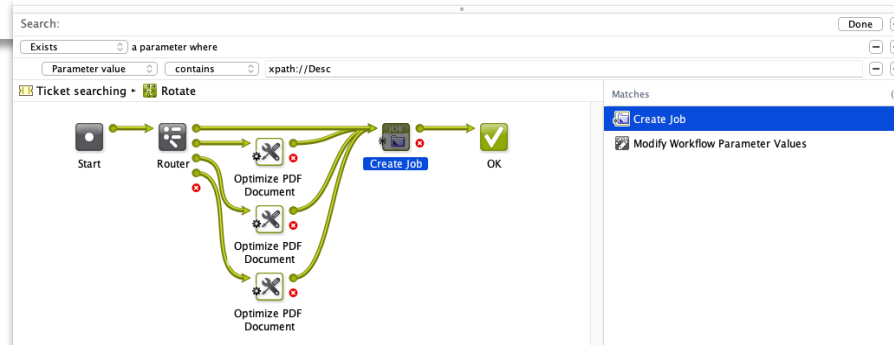
A host of new features designed to improve
efficiencies

Search on Workflow ticket Parameters

- Search on tickets and their parameters within a workflow
 - Is this workflow using 'classic' tasks?
 - Which S&R tickets use a custom distortion?
 - Is this workflow using outdated XMP XPath queries?

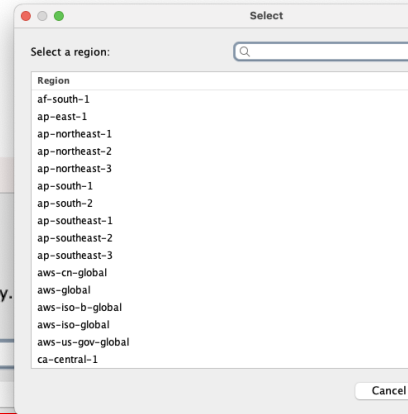
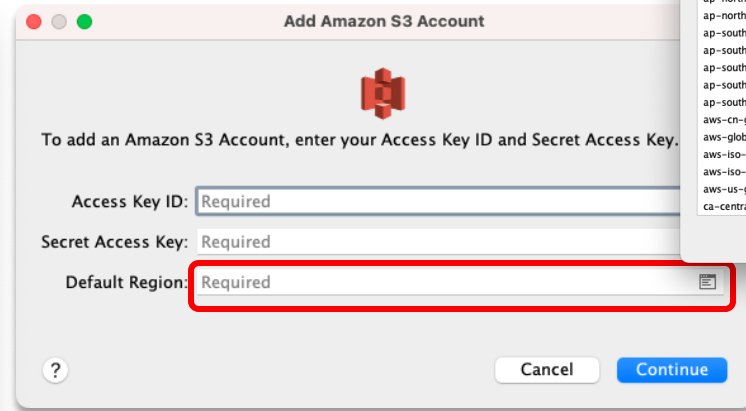
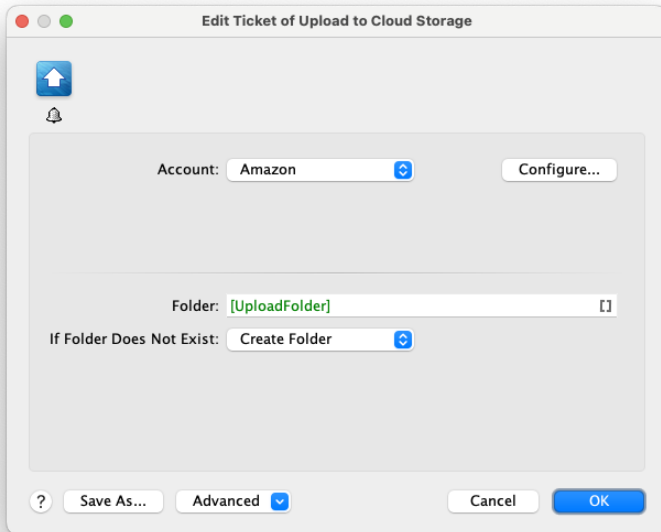


The screenshot shows a search interface with a search bar containing 'a parameter where'. Below the search bar is a list of matches: 'Create Job' and 'Modify Workflow Parameter Values'. A context menu is open over the 'Create Job' match, showing options: Cut, Copy, Paste, Clear Contents, Insert SmartName, Copy Parameter Name, Copy Parameter Value, Make Parameter Public, and Modify Public Parameter...



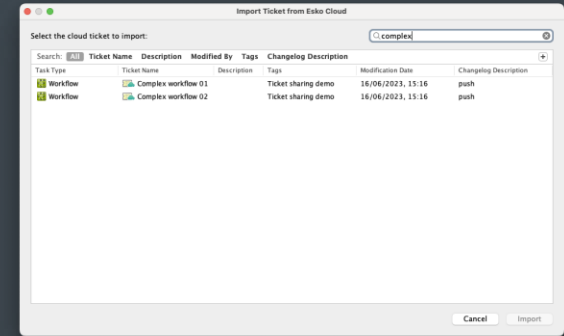
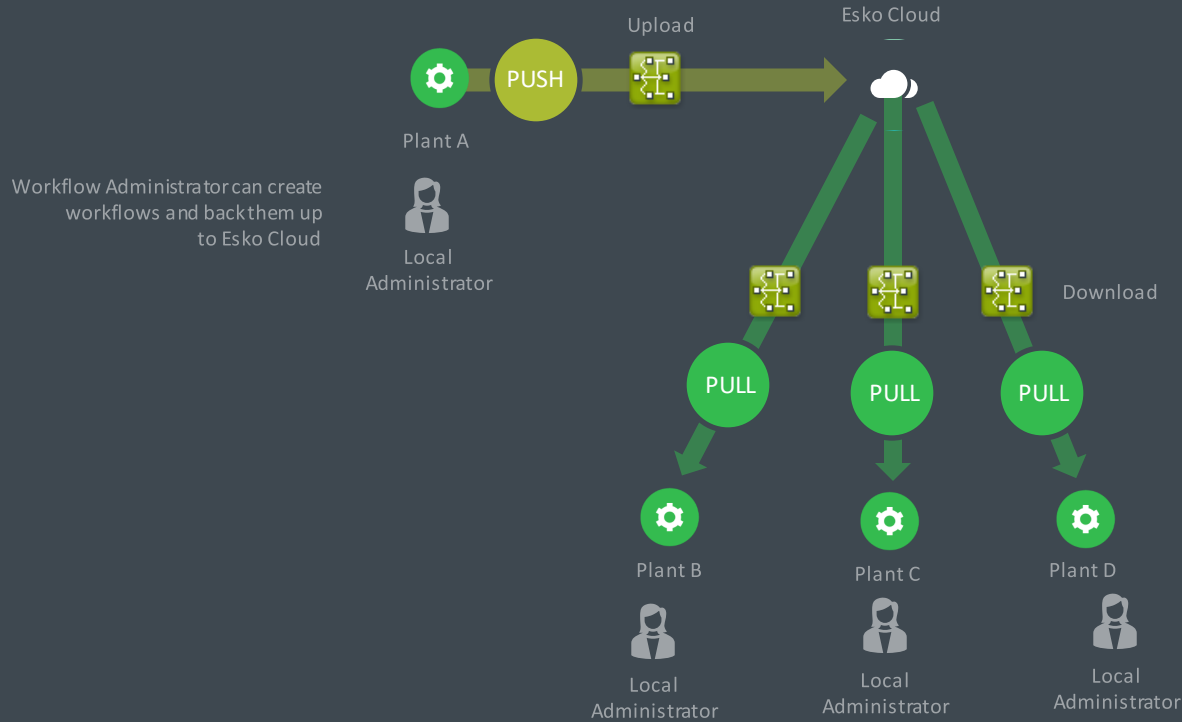
Updated Cloud Storage

- Upgraded SDK to connect to Amazon S3
 - Requires the use of a new region parameter
 - Allows to reliably upload big (>5GB) files
- Upgraded API to connect to Google Drive



Tickets on Esko Cloud

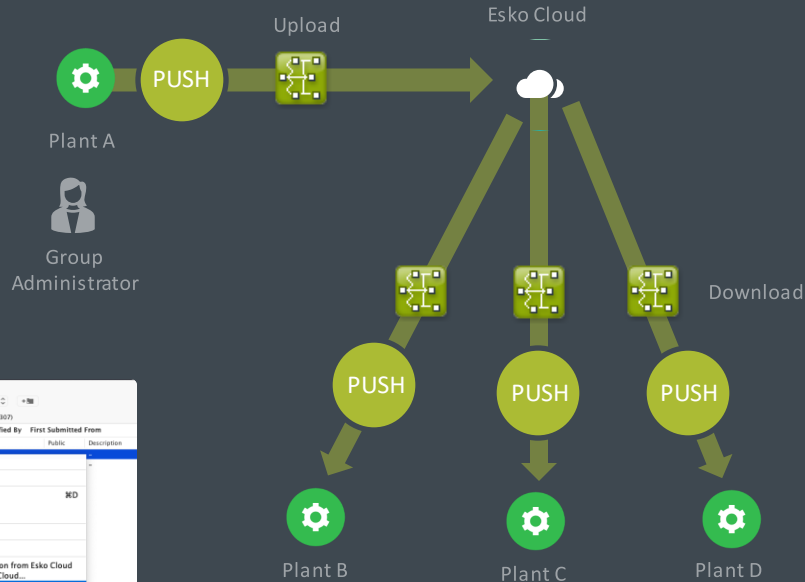
Ticket Sharing - Pull Option



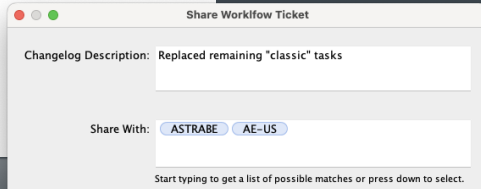
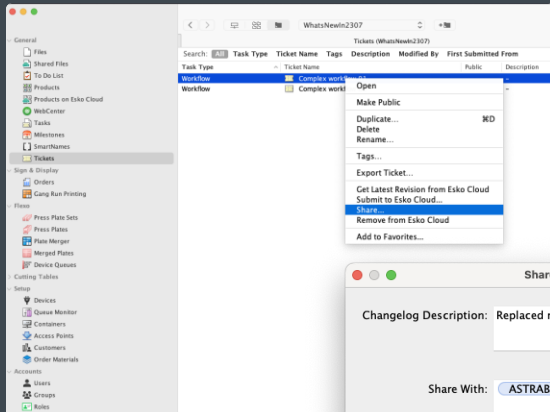
Workflow Administrators at other sites can download those workflows on their Automation Engine if required

Ticket Sharing – Push Option

Group Administrators can create workflows, back them up to Esko Cloud and automatically distribute them to all required Automation Engines



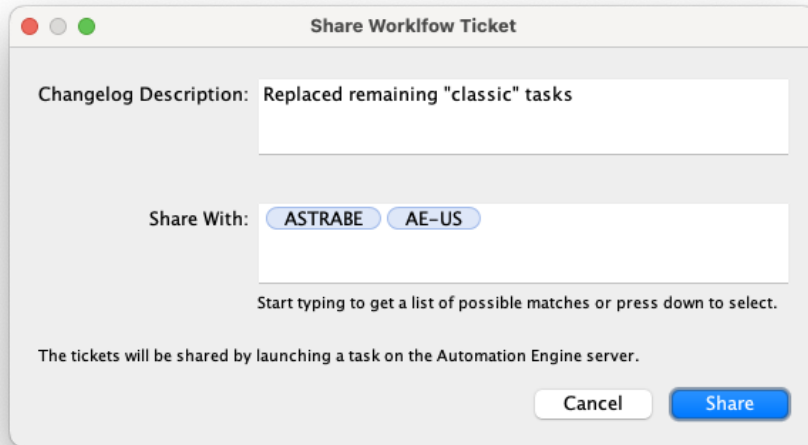
Workflows and any required resources are automatically copied or overwritten



Public

Share workflow tickets

- Share workflow tickets across multiple Automation Engine servers connected to the same Esko Cloud account
- Building on existing functionality for Tickets on Esko Cloud
 - Export and import to/from Esko Cloud



Ticket Sharing

- There is a new **'Share ...'** function in the Tickets view which allows an administrator to push a workflow ticket to another Automation Engine connected to the same Esko Cloud account.
- The selected workflow ticket will be **automatically imported** on the selected Automation Engines - any ticket or references that would already exist, will be overwritten.
- This function is also available as a new task type **'Share Workflow Ticket'**.

Ticket Sharing

The image illustrates the workflow for sharing a ticket in Esko Cloud. It consists of several key components:

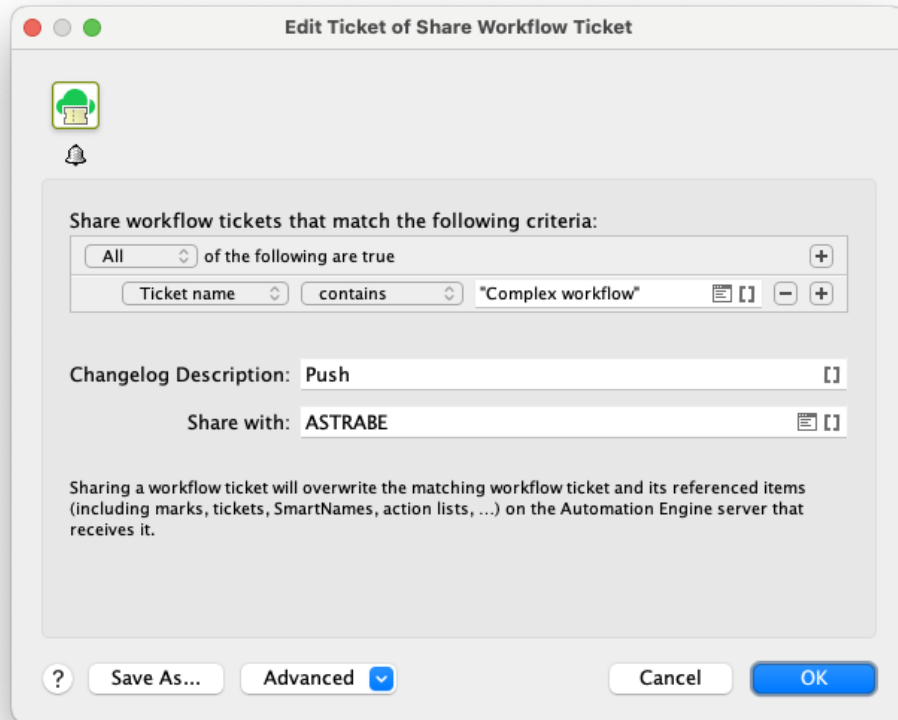
- Configure Window:** Shows the 'Account' tab with the 'Esko Cloud' option selected. A 'Sign Out' button is visible.
- Tickets List:** A table of tickets with columns for Task Type, Ticket Name, Tags, Description, Modified By, and First Submitted From. A 'Workflow' ticket named 'Trap with PowerTrapper (Class...)' is selected, and a context menu is open over it. The 'Share...' option is highlighted with a red box.
- Edit Ticket of Share Workflow Ticket Dialog:** Shows criteria for sharing tickets (e.g., 'Ticket name contains "Complex workflow"') and a 'Share with' field set to 'ASTRABE'.
- Share Workflow Ticket Dialog:** A red-bordered dialog box with a 'Share With' field and a 'Share' button. A red arrow points from the 'Share...' option in the context menu to this dialog.

Task Type	Ticket Name	Tags	Description	Modified By	First Submitted From
Trap with PowerTrapper (Class...	beou trap settings				
Trap with PowerTrapper (Class...	beou trap settingz				
Workflow	Open				
Workflow	Make Private				
Workflow	Duplicate...	#ED			
Workflow	Delete				
Workflow	Rename...				
Workflow	Tags...				
Workflow	Export Ticket...				
Workflow	Get Latest Revision from Esko Cloud				
Workflow	Submit to Esko Cloud...				
Workflow	Share...				
Workflow	Remove from Esko Cloud				
Workflow	Add to Favorites...				

Public

Ticket Sharing

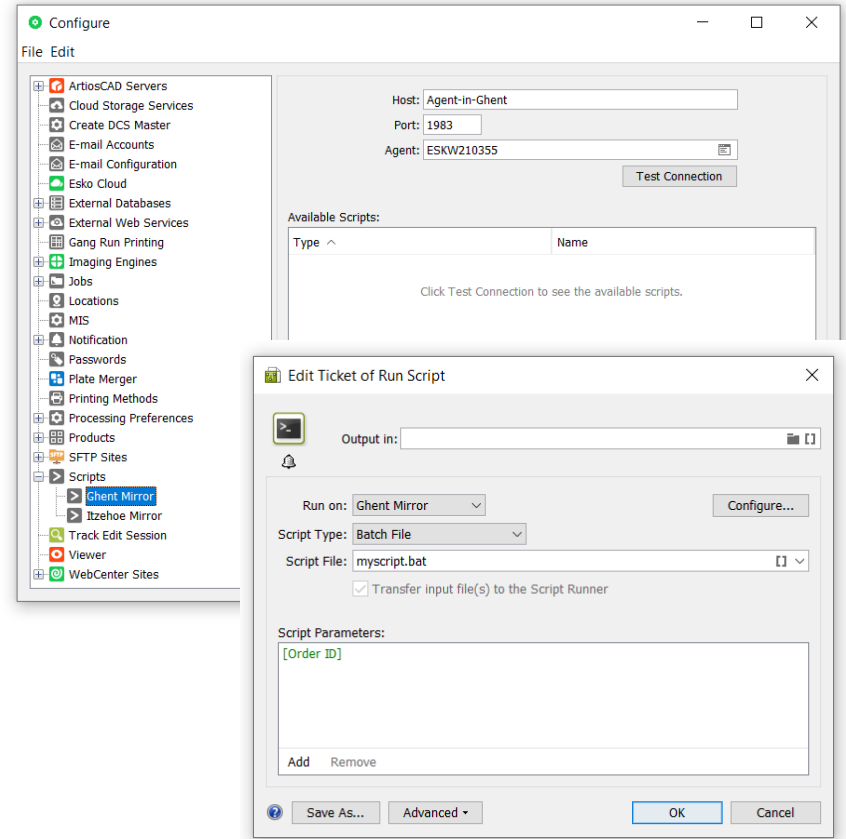
- Task to automatically update workflow tickets on other AE servers



Automation Engine SaaS

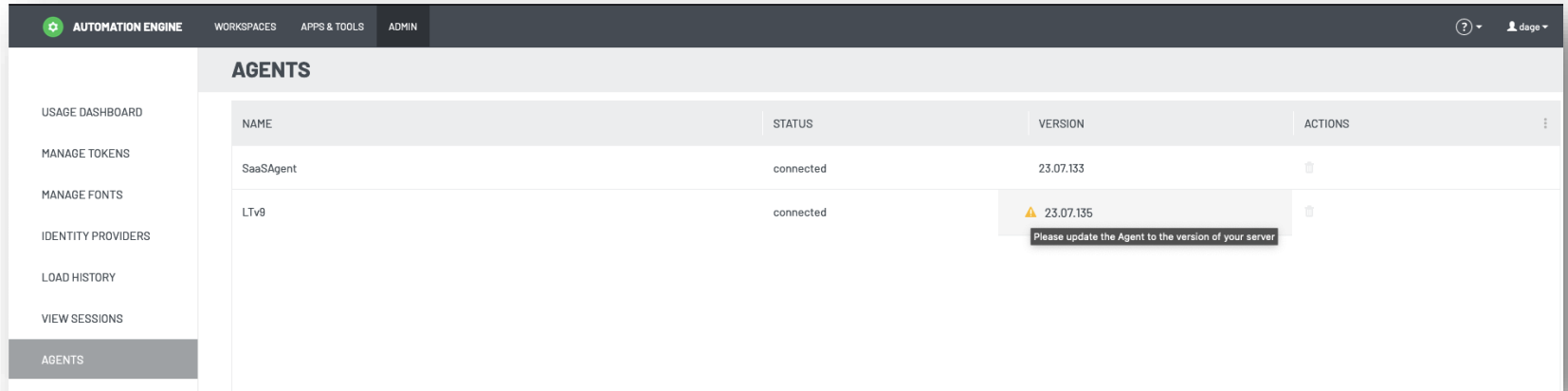
Script Runner

- A Script Runner (in the local network) can now be connected to an Automation Engine SaaS over the **Agent**
- Files are transferred to the Script Runner host and need to be self contained



Agent overview

- A new ADMIN page listing all Agents and their status

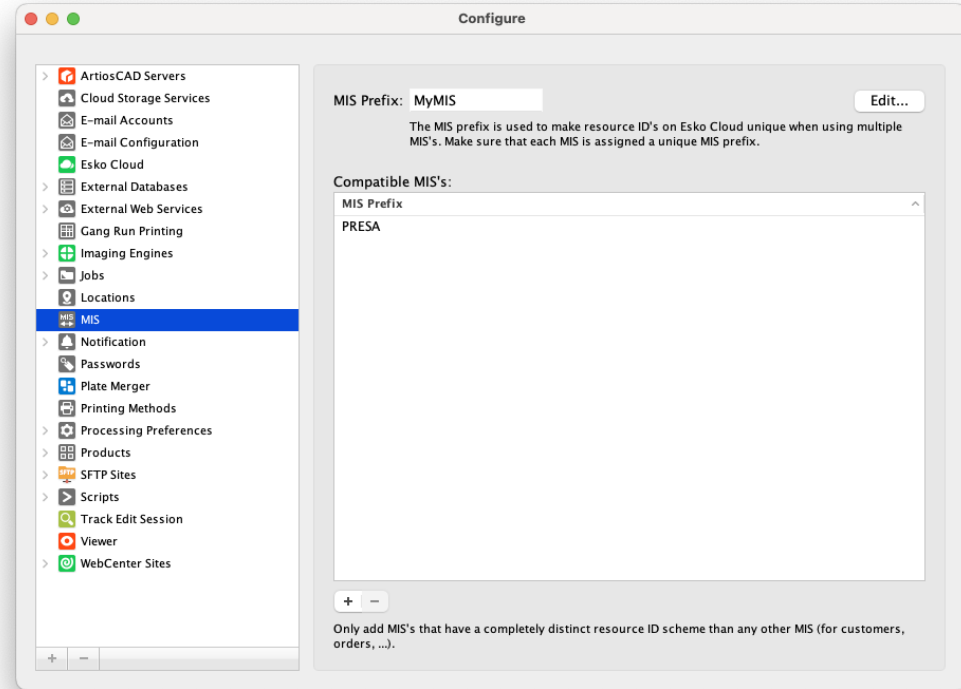


The screenshot shows the 'AGENTS' page in the ESKO Automation Engine Admin interface. The page has a dark header with navigation tabs: 'AUTOMATION ENGINE', 'WORKSPACES', 'APPS & TOOLS', and 'ADMIN'. A sidebar on the left contains menu items: 'USAGE DASHBOARD', 'MANAGE TOKENS', 'MANAGE FONTS', 'IDENTITY PROVIDERS', 'LOAD HISTORY', 'VIEW SESSIONS', and 'AGENTS' (which is highlighted). The main content area displays a table with the following data:

NAME	STATUS	VERSION	ACTIONS
SaaSAgent	connected	23.07.133	
LTV9	connected	23.07.135 <small>Please update the Agent to the version of your server</small>	

MIS prefix

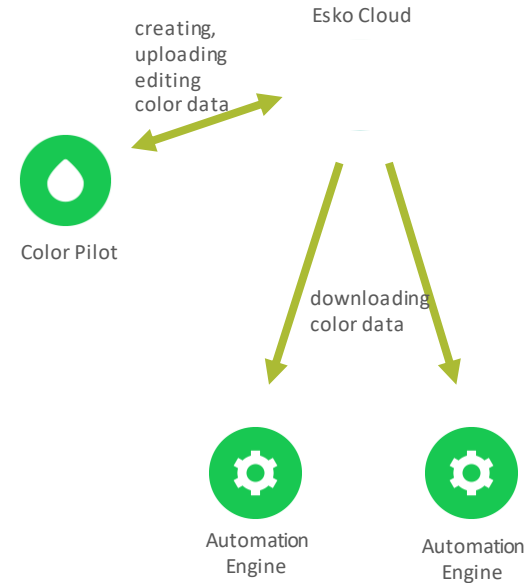
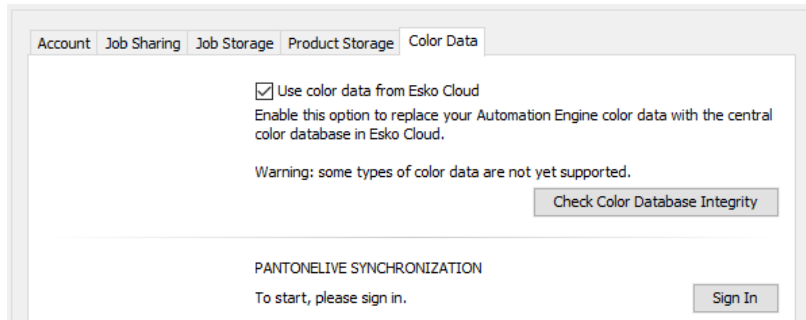
- Why an MIS prefix?
 - Before Esko Cloud: 1 on 1 relation between AE and MIS
 - Since Esko Cloud: consolidation of production sites on different AE's. AE could access Jobs created by **multiple** MIS
 - The prefix guarantees uniqueness of resources on Esko Cloud
 - Job sharing
 - Job storage
- Required when establishing an Esko Cloud connection
- The MIS prefix and compatible MIS's help transferring Jobs from one Automation Engine to another



Color on Esko Cloud for Automation Engine SaaS

Use color data from Esko Cloud

- **Automation Engine SaaS** customers can now use the color data from Esko Cloud instead of the local color data.



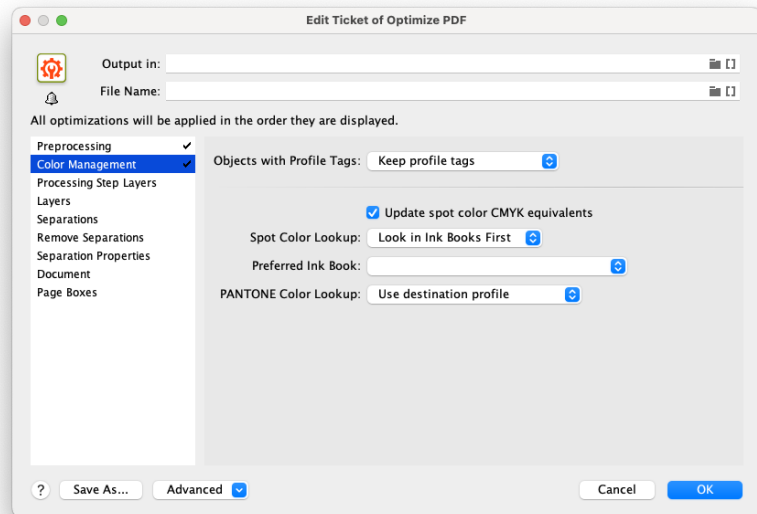
Use color data from Esko Cloud

- Color data supported on Esko Cloud:
 - Ink books
 - Profiles
 - Proofing strategies
 - Exception: strategies using a DGC
 - Equinox strategies
 - Digital printing strategies
 - Exception: strategies using a DGC / strategies using a Black Generation preset
- Warning:
 - Some types of color data are not yet supported
 - See [this page in the user manual](#) for an up-to-date list of all limitations
 - Don't activate this option if you are using unsupported color data, as it will be deleted

Migration to Native PDF

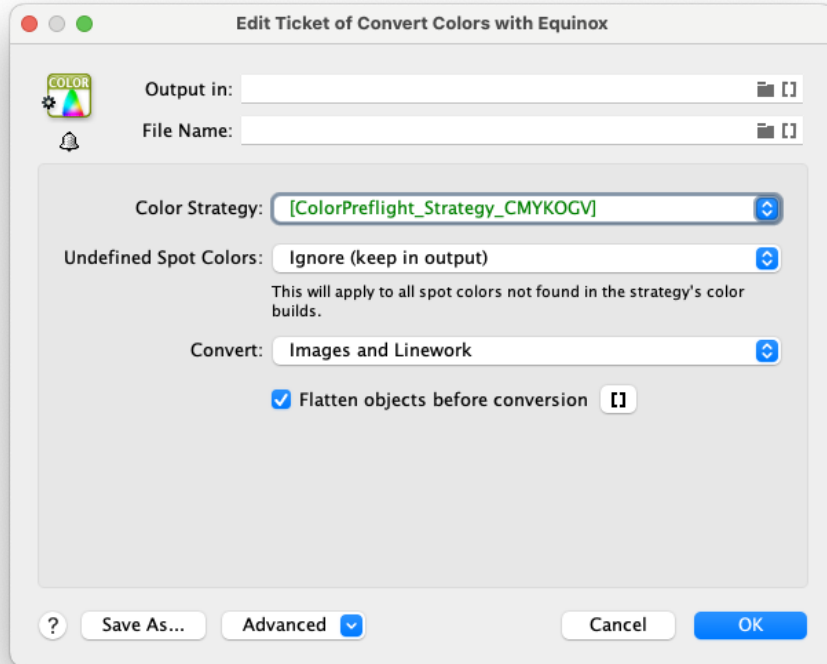
Color options in task 'Optimize PDF'

- Offers a PDF+ compatible version of the task 'Optimize PDF Separations (Classic)'
- Simplify files with color tags (profiles) attached on individual objects
 - Remove or convert using the color tags
- Update spot colors CMYK equivalents
 - Read CMYK preview for inks from CMS



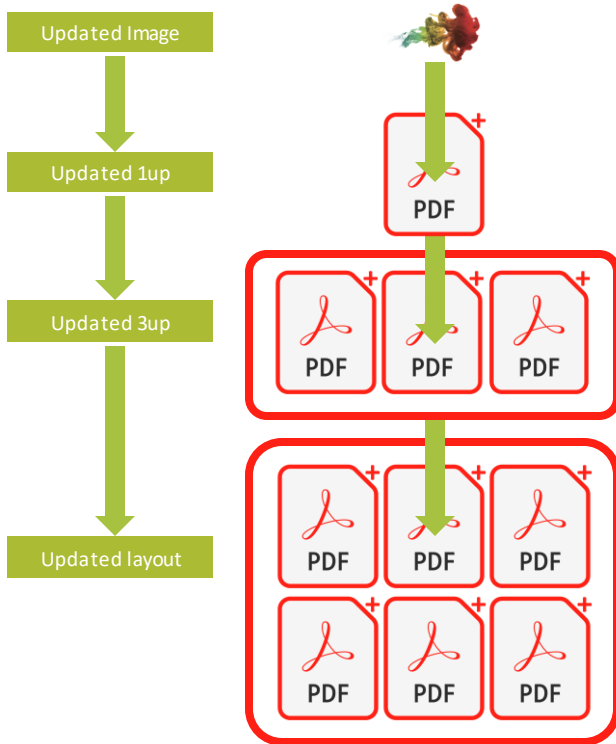
PDF+ compatible task 'Convert Colors with Equinox'

- Based on ArtPro+ and PAL actions



New task 'Update linked Files'

New Automation Engine task for native PDF files to perform a deep evaluation of linked files and update them if needed



- Checks if all placed files are up to date and reloads them if needed
- Changes at all levels are checked (e.g. images inside one-ups)
- Helps with converting normalizing workflows that depended on late image/file replacements to PDF+

More bleed options in Step & Repeat tasks

- Better possibility to define bleed between grids and how individual one-ups bleed to the left, right, upper or lower side
- Replaces the option 'Keep Outer Bleed'

New or changed PDF Actions

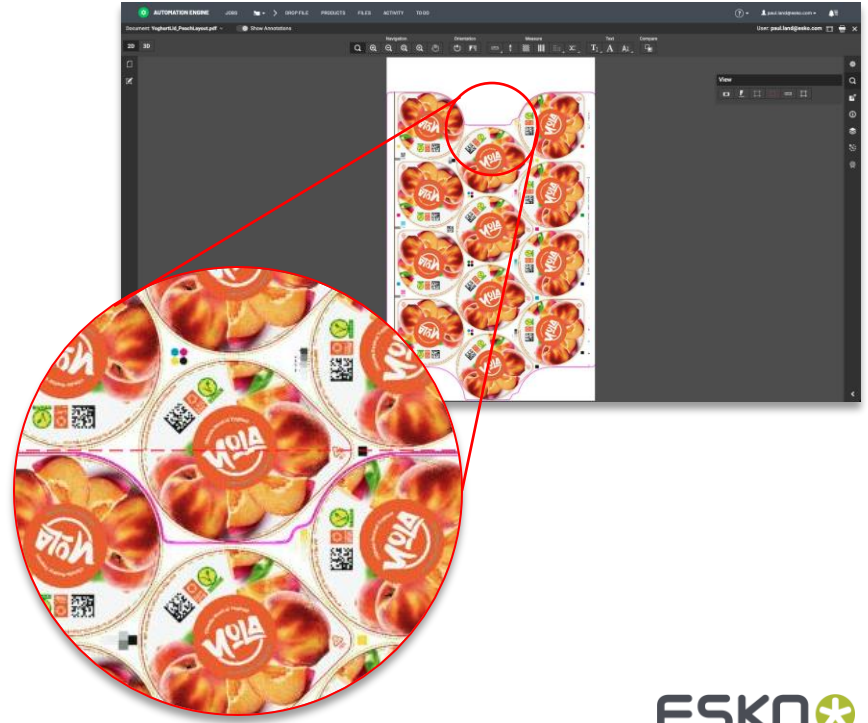
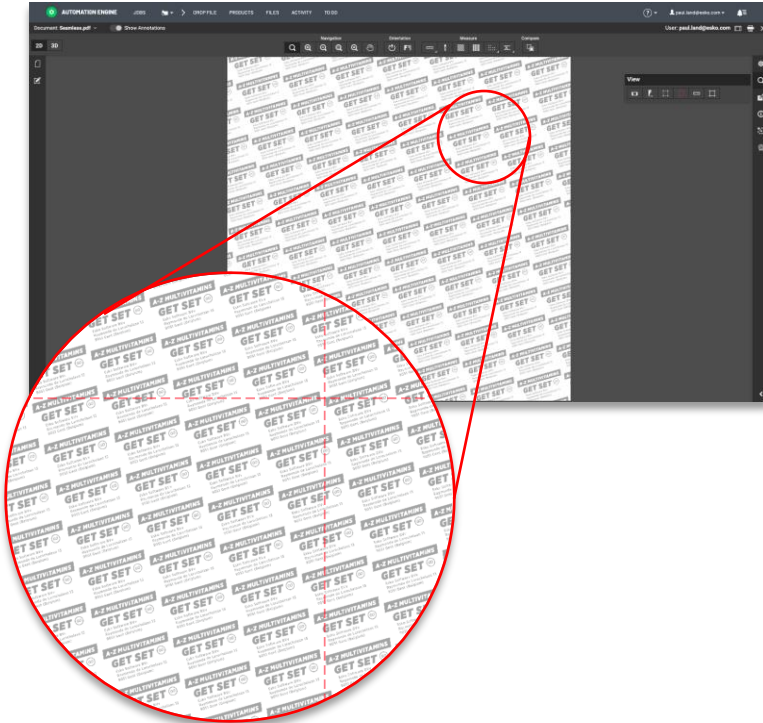
- Replace linked placed art
- Delete layer action can optionally keep unselected sublayers
- Select object by attribute enhancements
- Set Page box according to cut lines
- Supported file formats
 - ArtPro files can be used as input
 - Tilia Phoenix layout JDF can be used as input

New Viewer technology

Added features in 23.07 (filling the gaps compared to the Pilot Viewer)

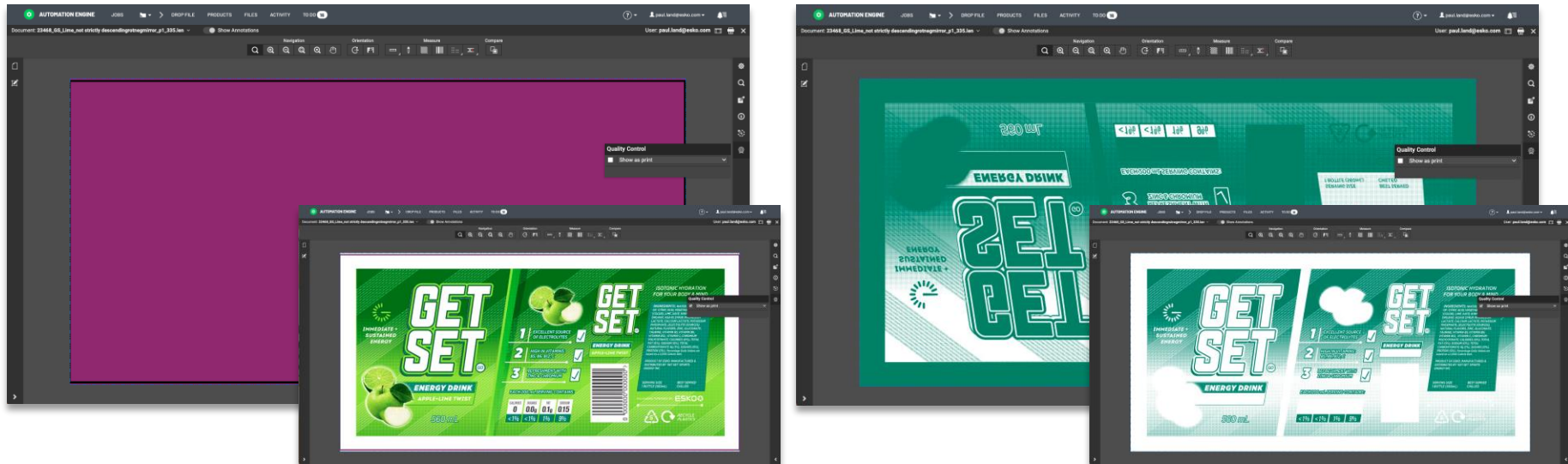
Seamless View

- We now have seamless view in the latest Viewer technology



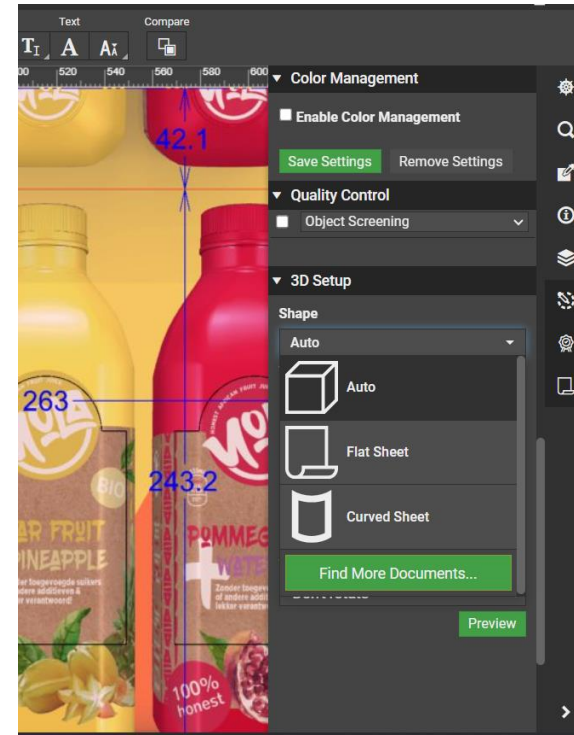
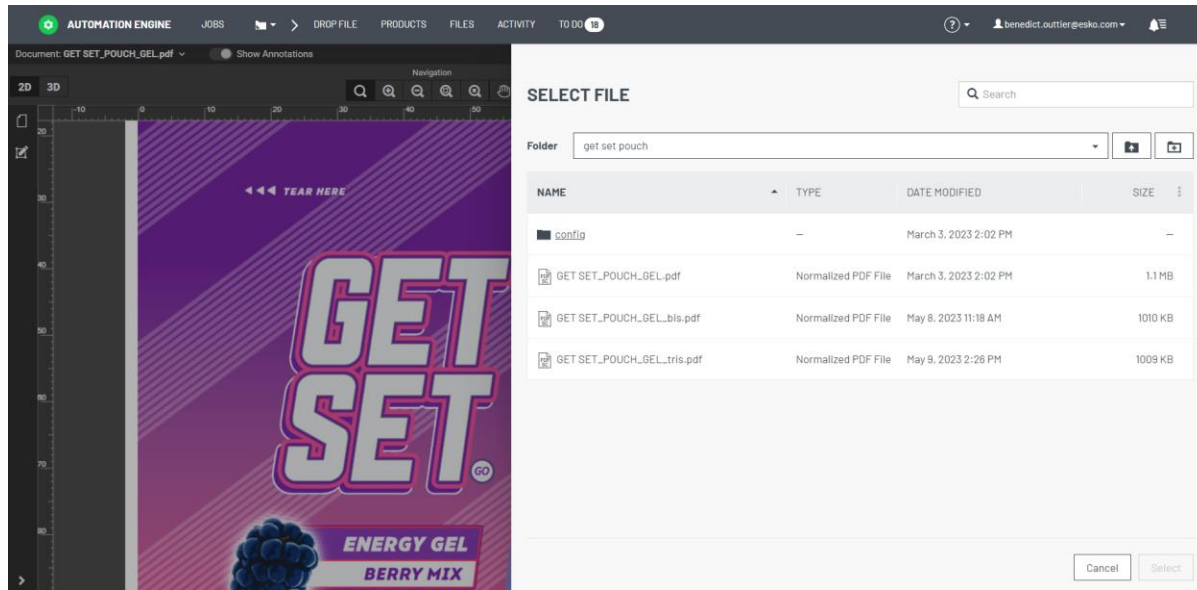
Show 'as printed'

- When using the latest Viewer technology, digital films will now be shown 'as RIP'ed'.
- Automatically inverting/mirroring can now be done with the new QC mode 'Show as print'.



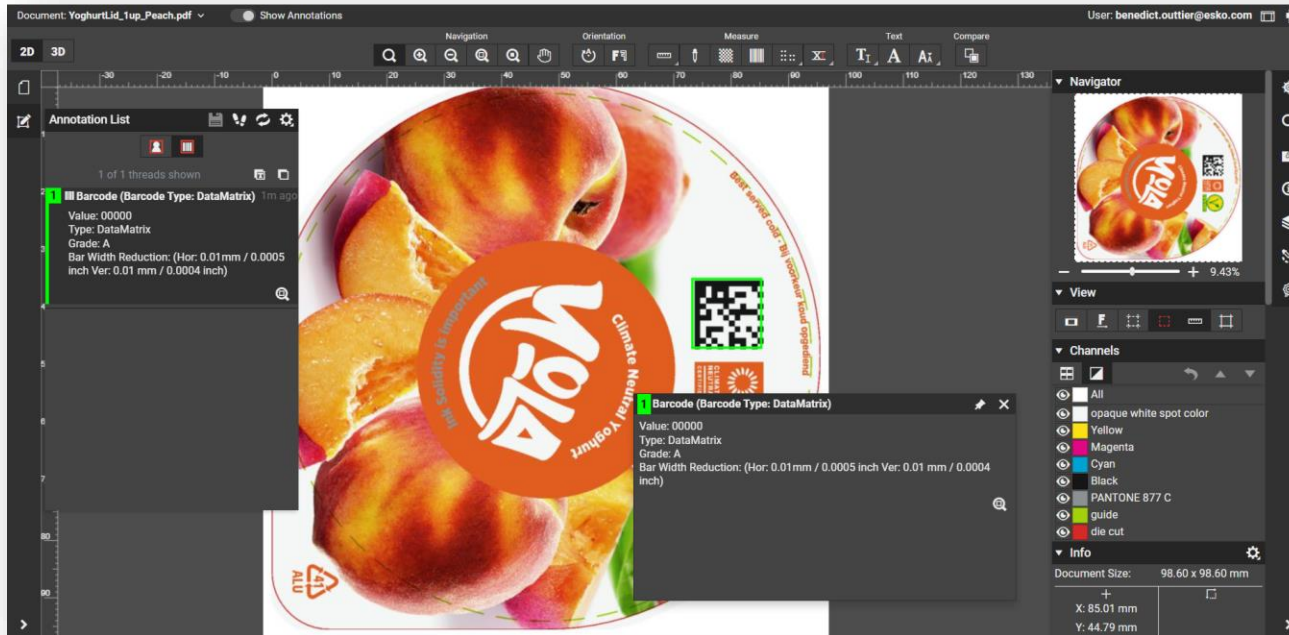
File browsing within the Viewer

- Browse for files from within the Viewer
 - Select a file to compare with
 - Select any structural file for 3D viewing



Annotations from GlobalVision inspection tasks

- Annotations generated by the GlobalVision inspection tasks are now also visible when using the latest Viewer technology



Viewer session overview

- A new page in the ADMIN section to see open view sessions

The screenshot displays the 'VIEW SESSIONS' page within the 'ADMIN' section of the 'AUTOMATION ENGINE'. The page features a sidebar with navigation options: USAGE DASHBOARD, MANAGE TOKENS, MANAGE FONTS, IDENTITY PROVIDERS, LOAD HISTORY, VIEW SESSIONS (highlighted), and AGENTS. The main content area shows a table of active viewing sessions.

USER	STARTED	FILES	VIEWING TECHNOLOGY	HOST	SERVER
b.francis@esko.com	June 19, 2023 9:32 AM	YOLA_IL_Orange_trim.pdf	As in ArtPro+ (latest viewer technology)	81.188.106.196	ESKOPVE-T-AE...
j.santiago@esko.com	June 19, 2023 9:21 AM	23468_GS_Lime_not strictly descending.pdf	As in ArtPro+ (latest viewer technology)	81.188.106.196	ESKOPVE-T-AE...
d.lovering@esko.com	June 19, 2023 9:24 AM	LABELS_CARRIER.pdf	As in ArtPro+ (latest viewer technology)	81.188.106.196	ESKOPVE-T-AE...
k.deal@esko.com	June 19, 2023 9:39 AM	YoghurtLid_lup_Peach.pdf	As in ArtPro+ (latest viewer technology)	81.188.106.196	ESKOPVE-T-AE...

System requirements & Known Limitations

System requirements & known limitations

- No major changes in the [system requirements](#) compared to 23.03
- FlexRip tasks have become 'Soon outdated'
 - [KB437090783: FlexRip / FlexProof - End of Life: Frequently Asked Questions](#)

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