

ArtPro+ 21.03



What's New

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Product Manager Graphic Editing

Variable Data Printing (VDP) Workflow



Artwork

Templating



	A	B	C
1	product name	image	URL
2	ArtPro	ArtPro.jpg	www.esko.com/en/products/ArtPro
3	ArtProCAD	ArtProCAD.jpg	www.esko.com/en/products/ArtProCAD
4	ArtPro	ArtPro.jpg	www.esko.com/en/products/ArtPro
5	Automation Engine	Automation Engine.jpg	www.esko.com/en/products/Automation Engine
6	Cape Pack	Cape Pack.jpg	www.esko.com/en/products/Cape Pack
7	Cape Truckfill	Cape Truckfill.jpg	www.esko.com/en/products/Cape Truckfill
8	Color Engine	Color Engine.jpg	www.esko.com/en/products/Color Engine
9	Curve Pilot	Curve Pilot.jpg	www.esko.com/en/products/Curve Pilot
10	QuickPack	QuickPack.jpg	www.esko.com/en/products/QuickPack
11	Dynamic Content	Dynamic Content.jpg	www.esko.com/en/products/Dynamic Content
12	Equinox	Equinox.jpg	www.esko.com/en/products/Equinox
13	Ekko Cloud	Ekko Cloud.jpg	www.esko.com/en/products/Ekko Cloud
14	PackEdge	PackEdge.jpg	www.esko.com/en/products/PackEdge
15	Plato	Plato.jpg	www.esko.com/en/products/Plato
16	Studio	Studio.jpg	www.esko.com/en/products/Studio
17	PowerLayout	PowerLayout.jpg	www.esko.com/en/products/PowerLayout
18	ArtProCAD	ArtProCAD.jpg	www.esko.com/en/products/ArtProCAD
19	ArtPro	ArtPro.jpg	www.esko.com/en/products/ArtPro
20	ArtPro	ArtPro.jpg	www.esko.com/en/products/ArtPro
21	Automation Engine	Automation Engine.jpg	www.esko.com/en/products/Automation Engine
22	Automation Engine Syncer	Automation Engine Syncer.jpg	www.esko.com/en/products/Automation Engine Syncer
23	Cape Pack	Cape Pack.jpg	www.esko.com/en/products/Cape Pack

X

Database

Expansion



Variants

or



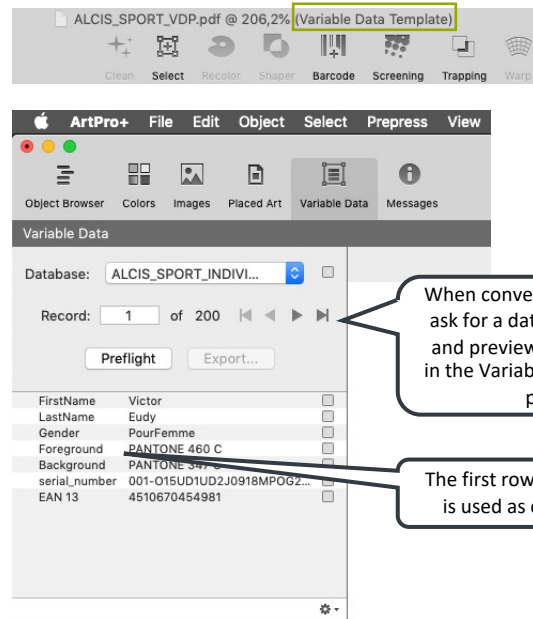
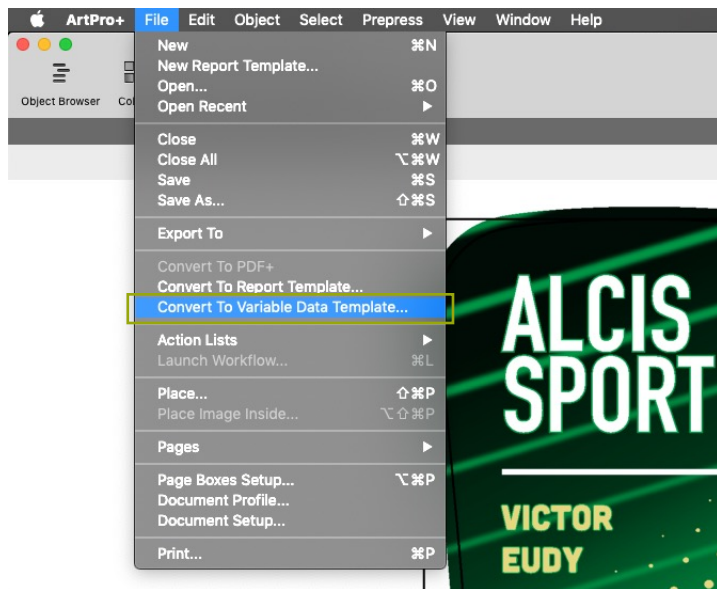
Layout

New VDP
Expand
Module

New VDP
Expand
Module

VDP: Variable Data Template

- With ArtPro+ 21.03 you can turn a label or packaging artwork PDF into a Variable Data Template



VDP: Variable Data Text Object

- Text objects can have static and variable content



VDP: Variable Data Barcode Object

- QR, Micro QR, Data Matrix, Code 39, Code 128, EAN-8, EAN-13, UPC-A and UPC-E codes can be driven by the database

The image illustrates the process of creating a variable data barcode in ESKO software. On the left, a green product label is shown with a standard barcode. A context menu is open over the barcode, with the option "Convert to Variable Data Barcode" highlighted. An arrow points to the right, showing the same label with a variable data barcode. A configuration dialog box is open, showing the "Barcode Type" set to "EAN-13" and the "Code" set to "EAN 13". The "Preview" field shows the barcode number "4510670454981". On the right, a "Variables" dialog box is shown, listing variables such as "FirstName", "LastName", "Gender", "Foreground", "Background", "serial_number", and "EAN 13". The "Description" field is empty, and the "Preview" is set to "Victor".

Variable Data Objects

Variable Data Messages

Convert to Variable Data Text Object

Convert to Variable Data Barcode

Convert to Variable Data External File

ART Variable Data Barcode 1

Normal 100% EAN-13 EAN 13 Checks

Barcode Type: EAN-13

Code: EAN 13

Supplemental Digits:

Preview: 4510670454981

Color: From Fill Color

Variables

Standard Database

FirstName

LastName

Gender

Foreground

Background

serial_number

EAN 13

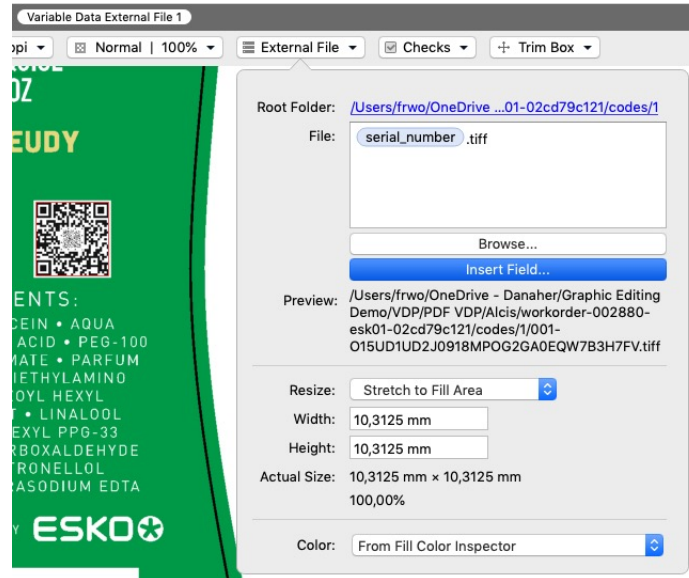
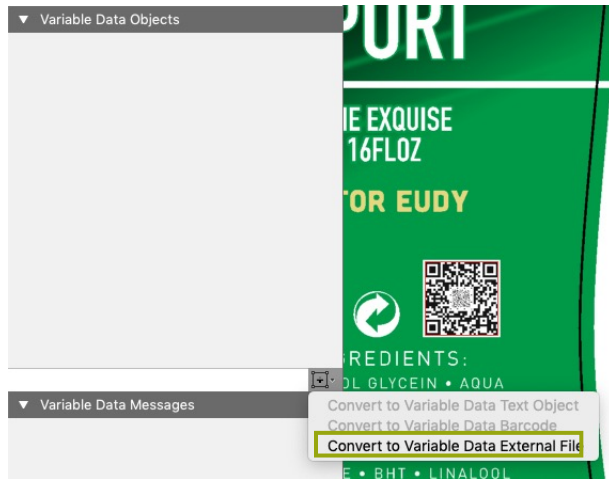
Description

Preview: Victor

Cancel Insert

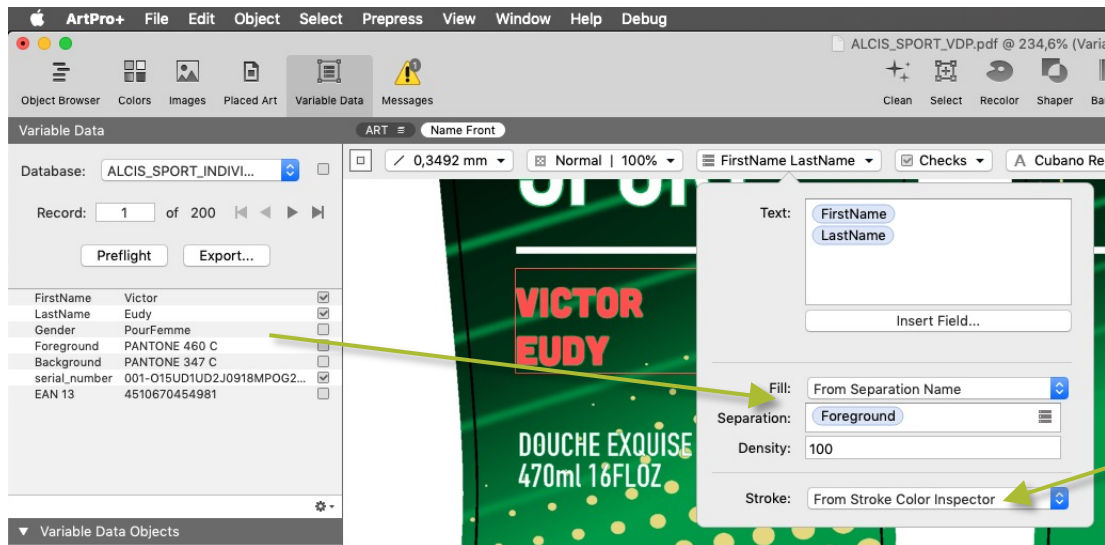
VDP: Variable Data External File Object

- The URL to linked images can become variable

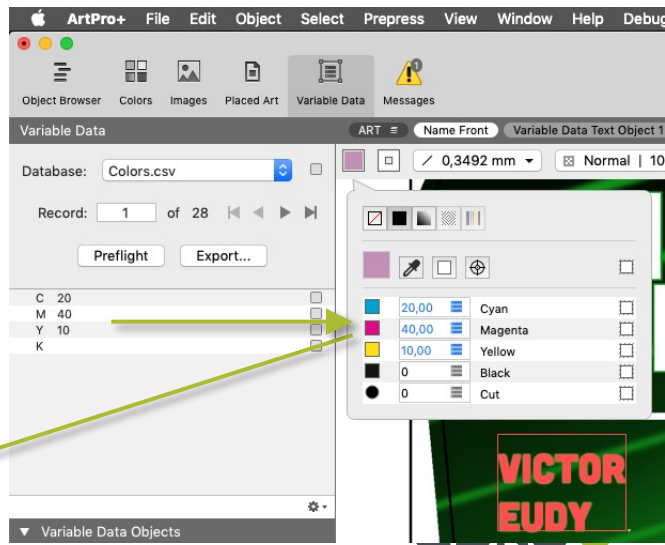


VDP: Variable Coloring

- Variable Data Objects can retrieve their fill and stroke color information by
 - defining a separation name
 - defining a specific color recipe (via Color Inspector)

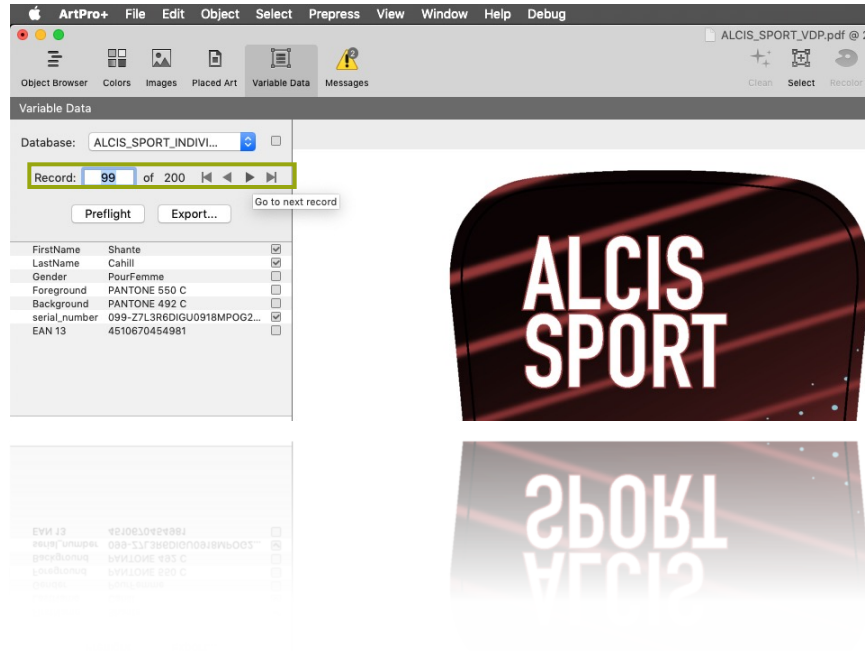


or



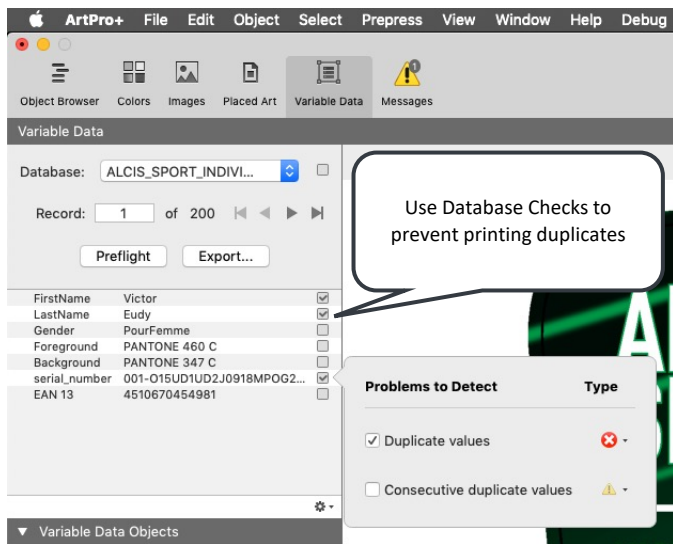
VDP: Select Database Record

- To preview the different variants you can type a record number or browse through the records

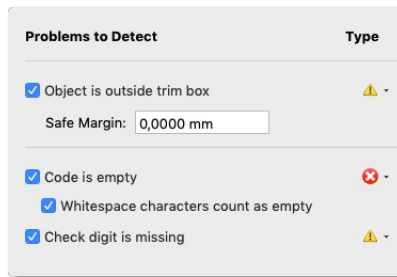


VDP: Variable Data Checks

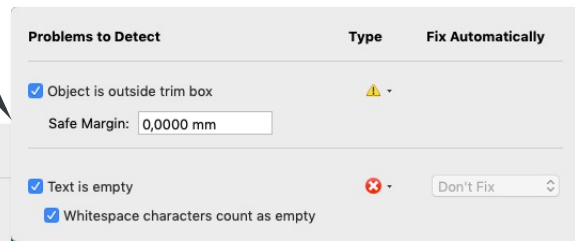
- You can set rules to apply boundaries to database entries in order to assure no unexpected values are printed



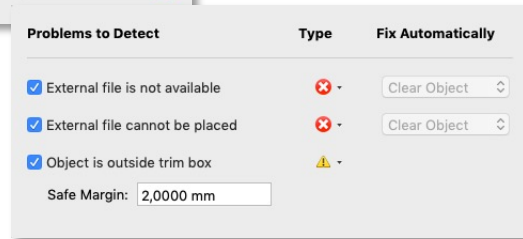
VDP Object checks allowing for dedicated restrictions on the behavior of the VDP results



Barcode Checks



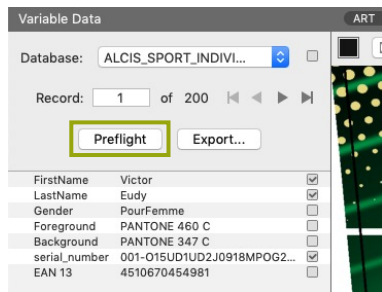
Text Checks



External File Checks

VDP: Variable Data Preflight

- As it is impossible to inspect all variants when using larger record sets ArtPro+ offers to preflight the full expansion
- All items causing a violation of the set rules are flagged giving you full focus on the issues that need attention

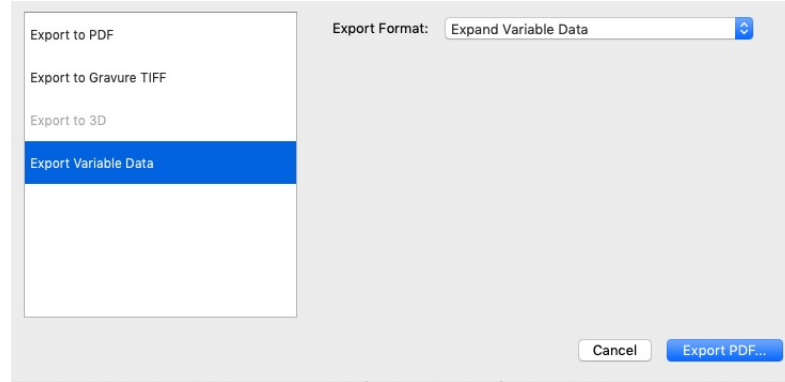
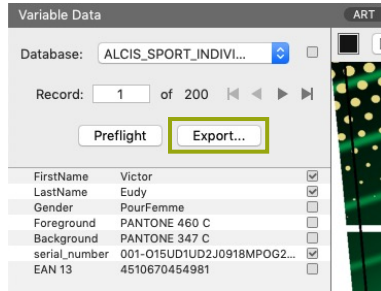


The screenshot shows the 'Variable Data' list on the left and a product label for 'ALCIS SPORT' on the right. The list has several error messages: 'Duplicate Values For Field "serial_number"' (1), 'Variable Data Object Outside Trim Box' (1), 'Empty Resolved Text' (2), 'Missing Check Digit' (1), 'Invalid URL' (1), and 'Static Objects Above Variable Data Objects'. The 'Invalid URL' error is highlighted in blue. The product label is for 'ALCIS SPORT DOUCHE EXQUISITE 470ml 16FLOZ ERICH BOUTIN'. It features a green arrow pointing to a white square on the label, which is likely the location of the 'Invalid URL' error. A 'Problems to Detect' dialog box is open on the right, listing: 'External file is not available' (red X), 'External file cannot be placed' (red X), and 'Object is outside trim box' (yellow triangle). The 'Safe Margin' is set to '2,0000 mm'.

VDP: Variable Data Export

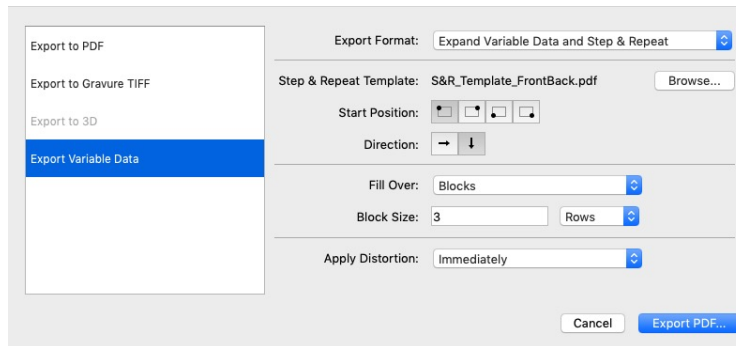
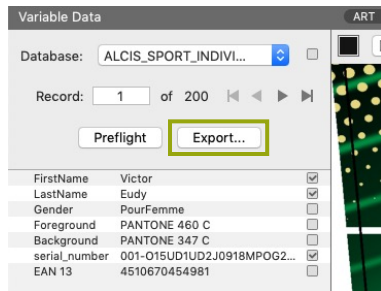
New VDP
Expand
Module

- To “expand” your VDP Template to a multipage PDF to print you can export

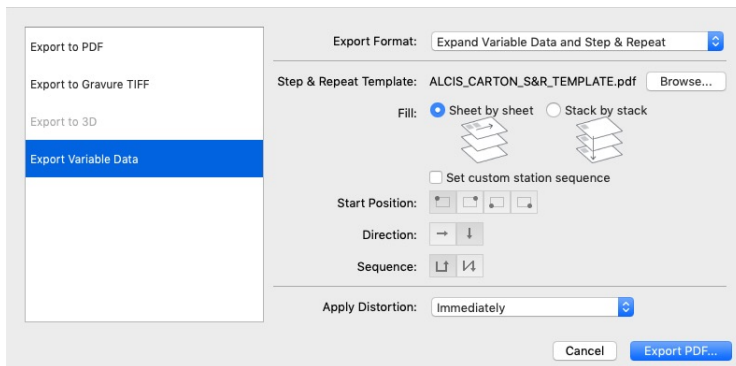


VDP: Variable Data Export

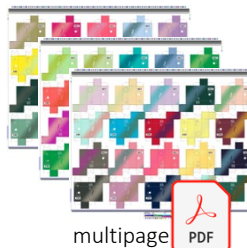
- To “expand” your VDP Template to a fully stepped multipage PDF to print you can export



Export options for tabular S&R layout (grids)



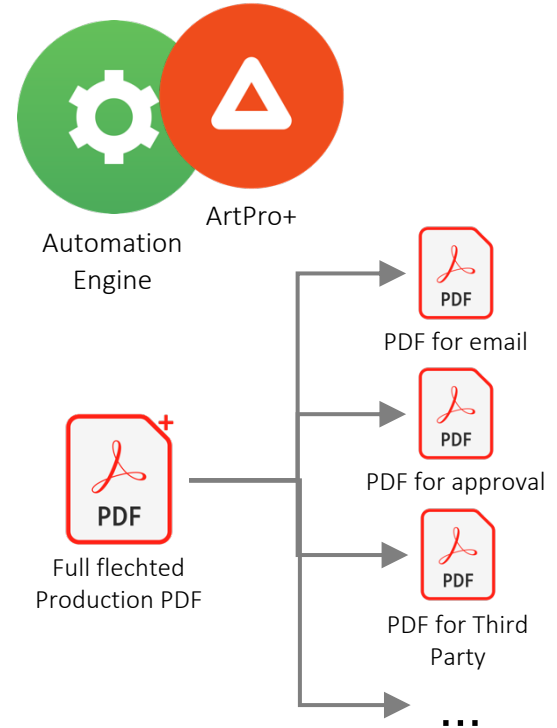
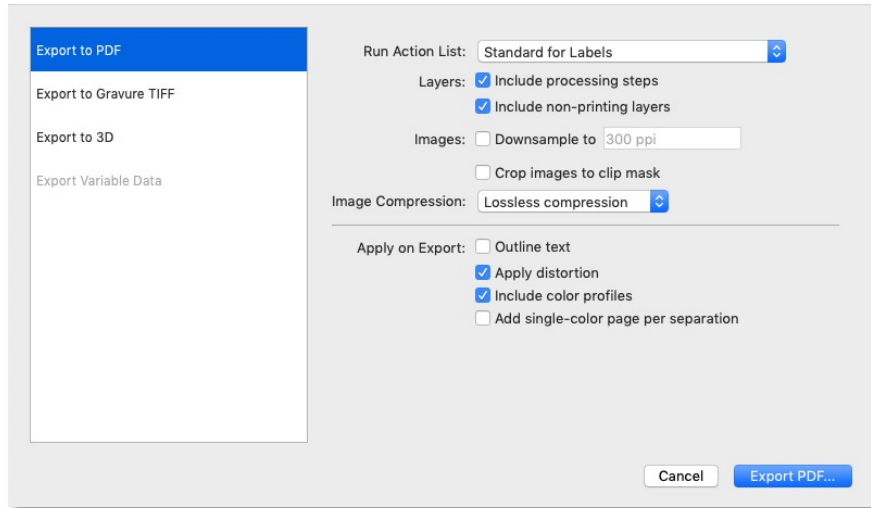
Export options for folding carton layout



New VDP
Expand
Module

Export PDF

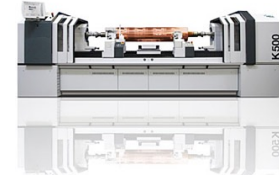
- Export to different flavors to share PDF via Email or RIP on third party systems
 - Available as new ticket in Automation Engine 21.03!



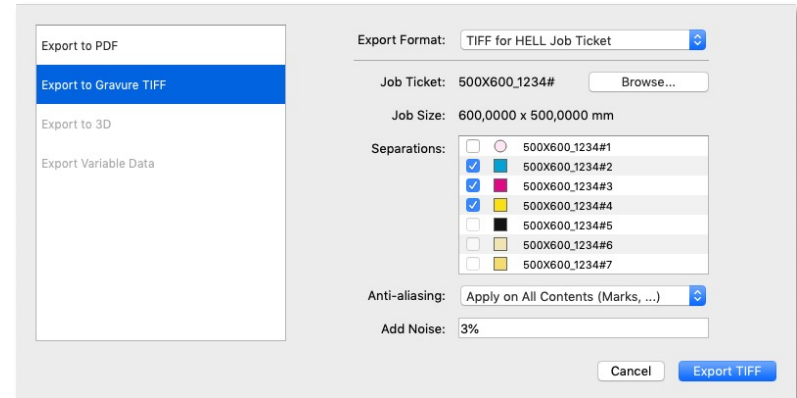
Export to HELL Job Ticket



HelioDisk

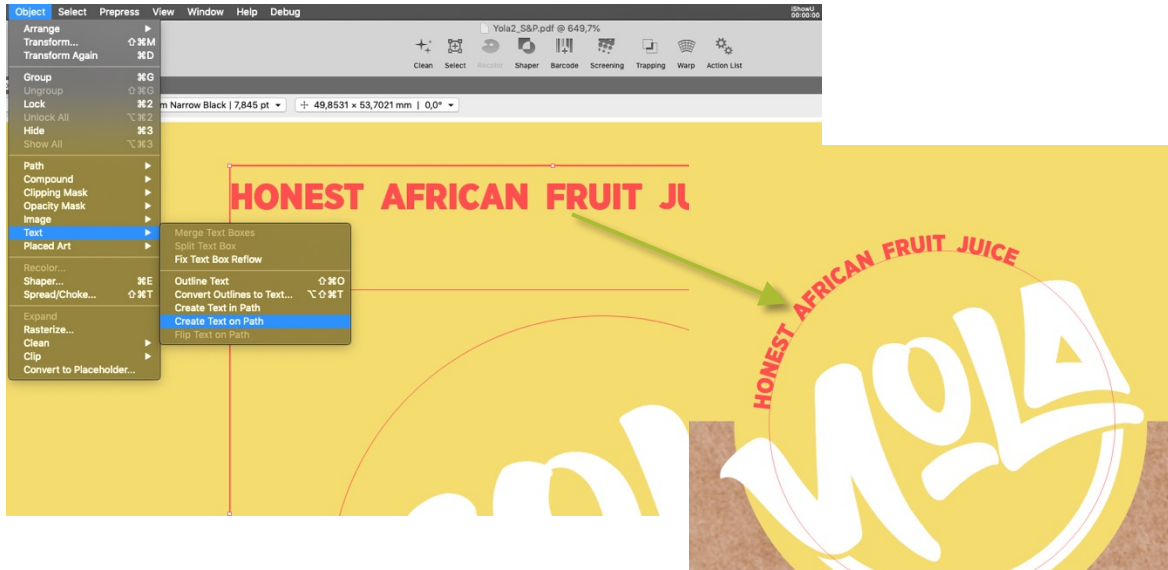


- Directly connect to HELL Helio Disk
- Output parameters are controlled by the HELL Job Ticket
- Available as new ticket in Automation Engine 21.03



Text On Path

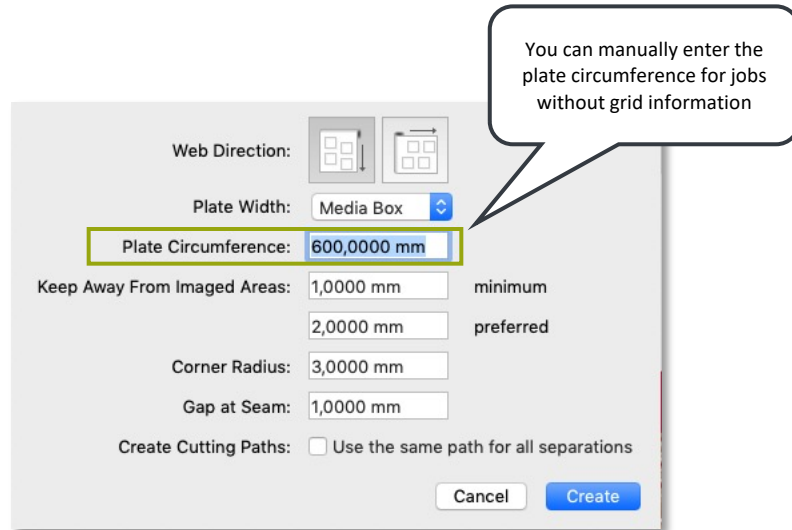
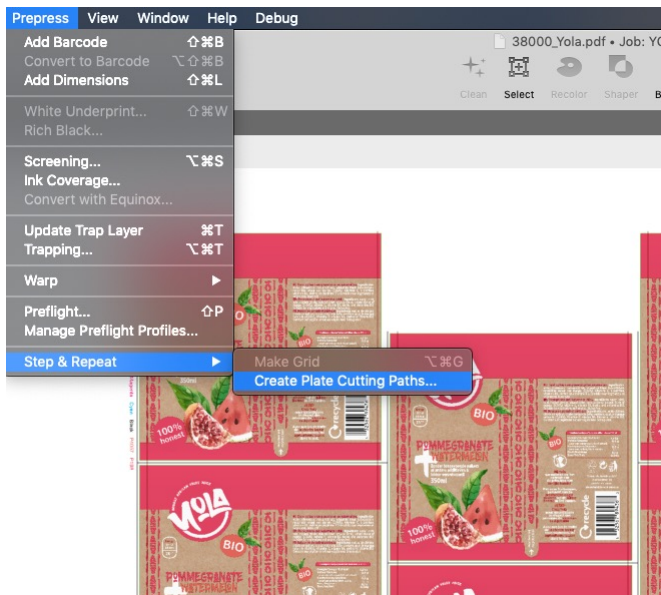
- Text can follow closed and open paths
- Shape and text can be altered at any time
- Most Illustrator® text on path objects are recognized (using PDF+ export)



Text and path-editing for text on path objects

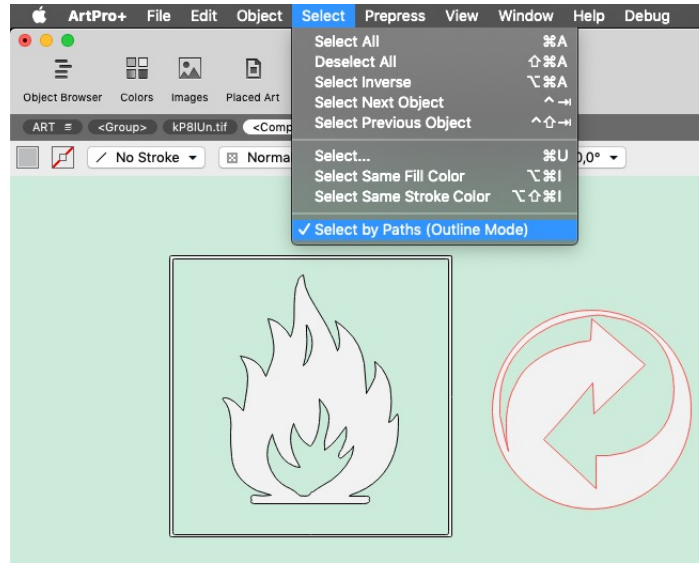
Plate Cut Improvements

- To enjoy Plate Cut you no longer need to provide a grid-based layout



Select By Path In Outline Mode

- Next to selecting objects in outline mode by clicking on a path you can now also select by clicking on its area

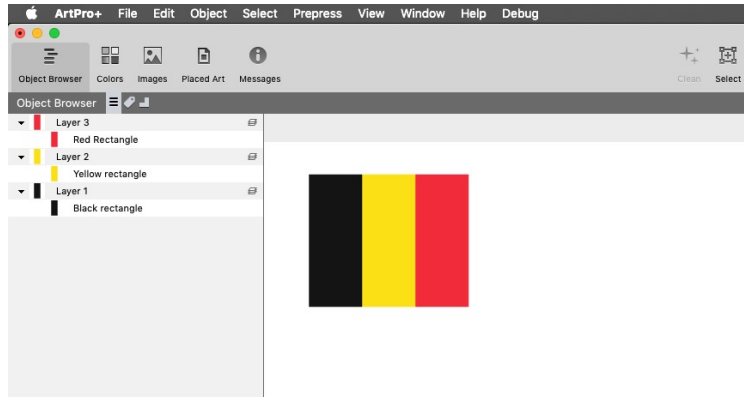


Open/Place JPG

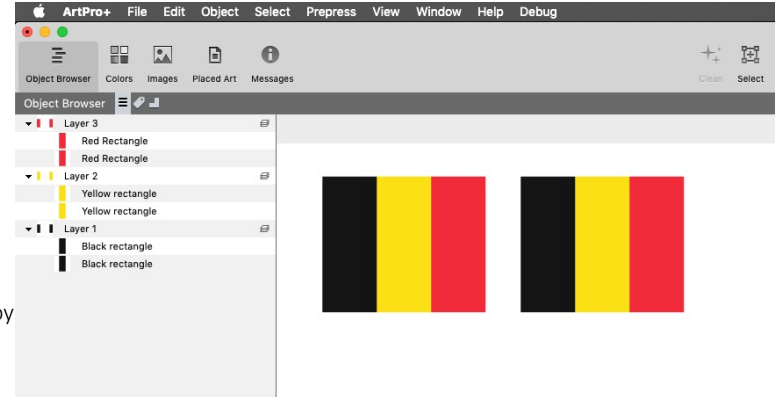
- Next to placing TIFF and PSD image files you can now place JPG/JPEG formatted images as well

Transform Objects Keeping Layer Structure

- When transforming and copying a selection of objects from different layers the result is copied in the same layers as the original objects (not all in the active layer)



Transform/copy

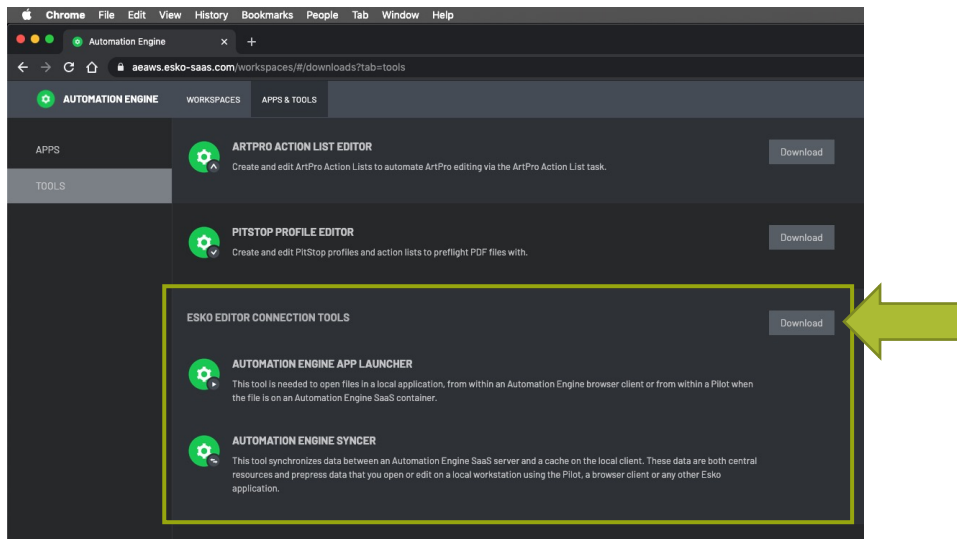


New Action Lists

- Select Darkest Artwork Separation
- Trace Image
- Downsample Images
- Crop Images
- Add Dimensions
- Replace Linked Images (updated)
- Reorder Separations (updated)

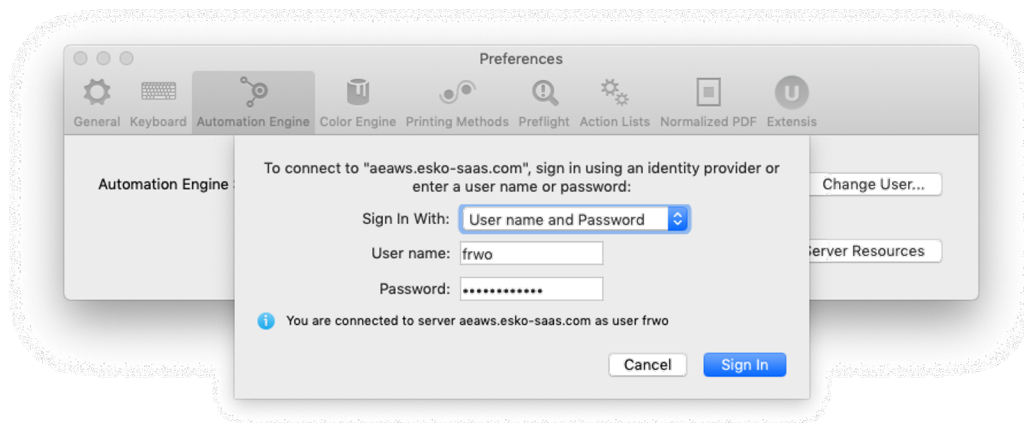
Connecting to “Automation Engine SaaS” (1)

- Connect to your Automation Engine in the data center through My Workspace to access APPS & TOOLS
 - Download and install the AUTOMATION ENGINE APP LAUNCHER and AUTOMATION ENGINE SYNCER tools



Connecting to “Automation Engine SaaS” (2)

- Then connect your ArtPro+ to an Automation Engine in the data center and select an authentication method. You can sign in with a regular user name and password, or use single sign-on via an identity provider (if available).



Connecting to “Automation Engine SaaS” (3)

Indication on the location of your linked assets

When opening, placing, saving, extracting or exporting files on the Automation Engine SaaS, you get the My Workspace view

You can still browse files on your local disks by choosing to "Browse Local Files"

The Syncer App show details about files and resources that have been synced between your workstation and Automation Engine SaaS

Automation Engine Synchronizer

- Fit_Gruene Kraft Packing 24 Tabs_Start...
Uploaded - 13 seconds ago
- Marks data (DynamicMarks)
Synchronised - 15 minutes ago
- Custom data (PDF Rules)
Synchronised - 15 minutes ago
- Custom data (PDF Action Lists)
Synchronised - 15 minutes ago
- PitStop data (PDF Profiles)
Synchronised - 15 minutes ago
- Marks data (DynamicMarks)
Synchronised - 15 minutes ago
- Custom data (PDF Rules)
Synchronised - 15 minutes ago
- Custom data (PDF Action Lists)
Synchronised - 15 minutes ago
- PitStop data (PDF Profiles)
Synchronised - 15 minutes ago

Save File

Save As: Fit_Gruene Kraft Packing 24 Tabs_Start...

AE SaaS Demo

NAME	TYPE	SIZE	DATE MODIFIED
Artwork	-	-	February 18, 2021 4:04 PM
Images	-	-	February 18, 2021 1:33 PM
Reports	-	-	February 18, 2021 5:43 PM
MedicineBottle_Label.blue.pdf	PDF File	2.115 MB	February 18, 2021 1:33 PM

PDF files (*.pdf) **Browse Local Files**

Cancel Save

Quality Control

Flexo Print Preview

First Print Dot: 2,0%

Prints as: 10,2%

Range: 50,2%

ESKO*