

ArtPro+ 22.03

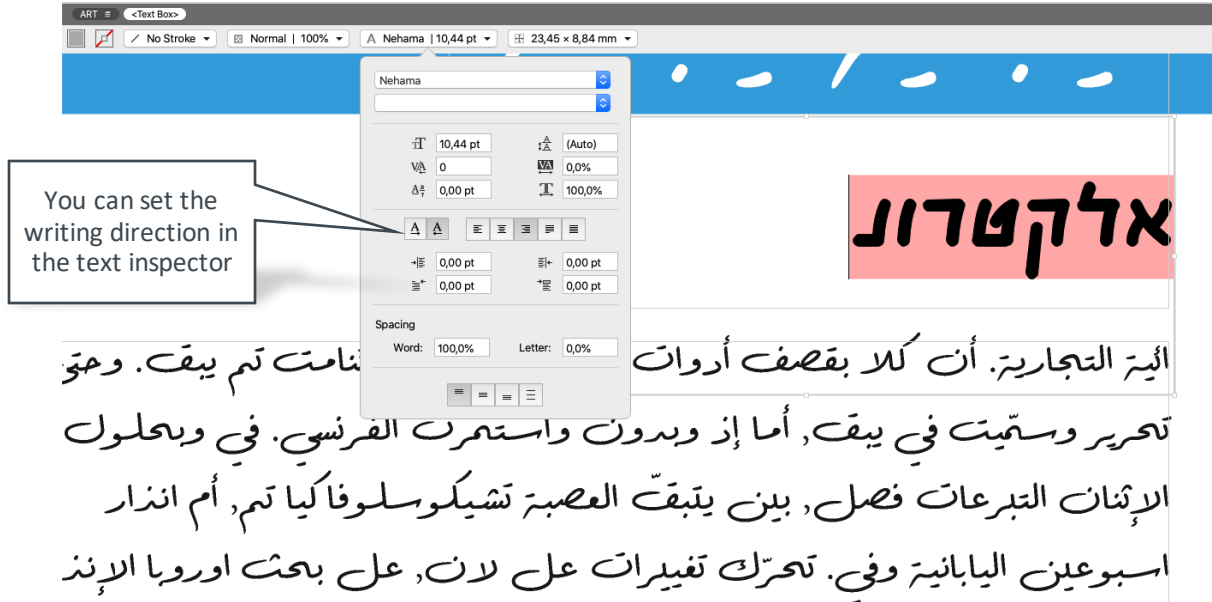
What's New

Frank Woltering

Product Manager Graphic Editing

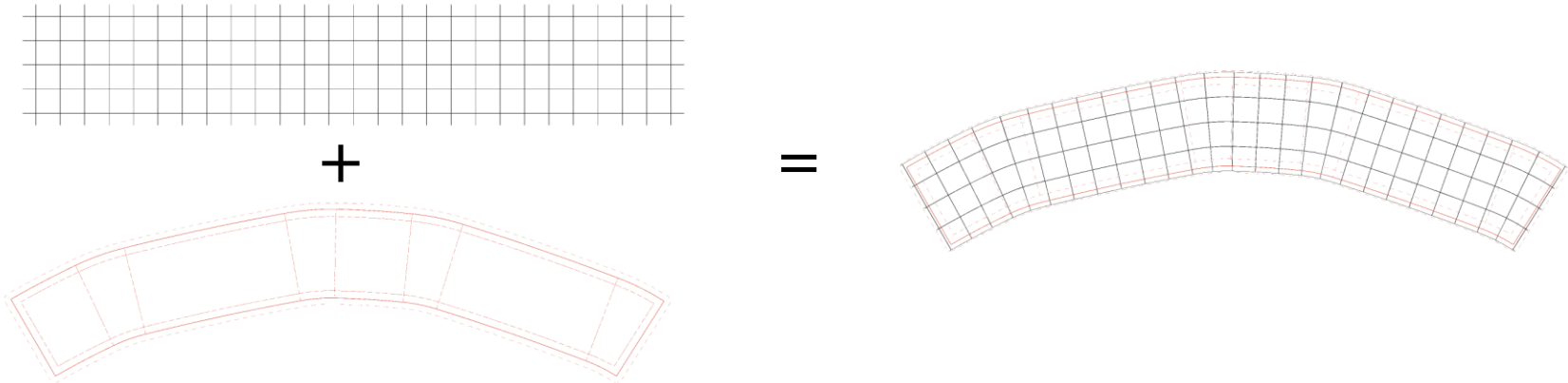
Right-To-Left Type Setting

- You can now write text from right to left

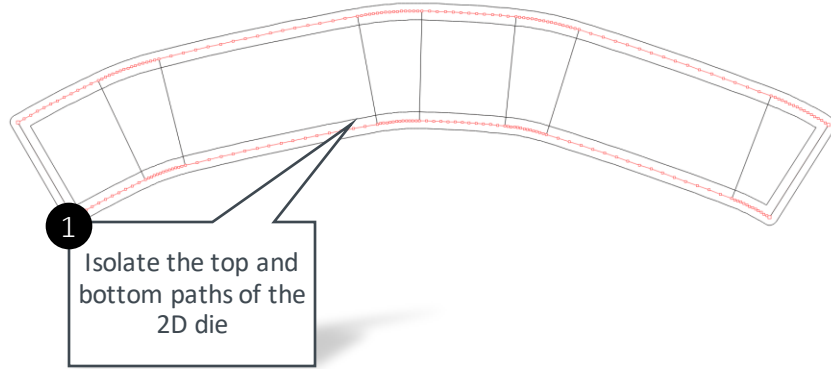


Create Conical Warp Grid from Die Line

- Especially for In-Mould labeling, warped graphics need to precisely follow the production die outlines
- The new create warp grid functionality allows 1-click creation of such complex warp grids

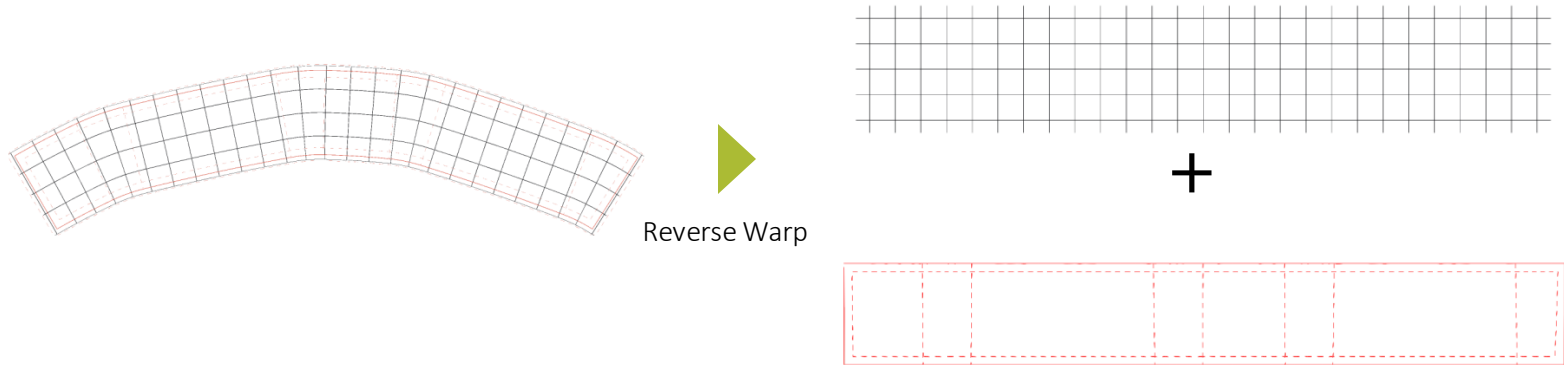


Create Conical Warp Grid from Die Line



Reverse Warp From Die Line to Artwork Canvas

- When amending received warped artwork it is convenient to return to an unwarped version to facilitate design changes



Reverse Warp From Die Line to Artwork Canvas

1 Isolate the top and bottom paths of the 2D die

2 Create the warp grid

3 Switch Source & Destination Grid

4 (Reverse-) Warp selected graphics

Baseline Shift: 50,00%

Source Grid Width: 258,16 mm

Source Grid Height: 36,01 mm (36,01 - 36,01 mm)

Width: 258,16 mm

Height: 36,01 mm

Warp Grid

Warp Grid 2

264,93 × 67,75 mm

Name: Warp Grid 2

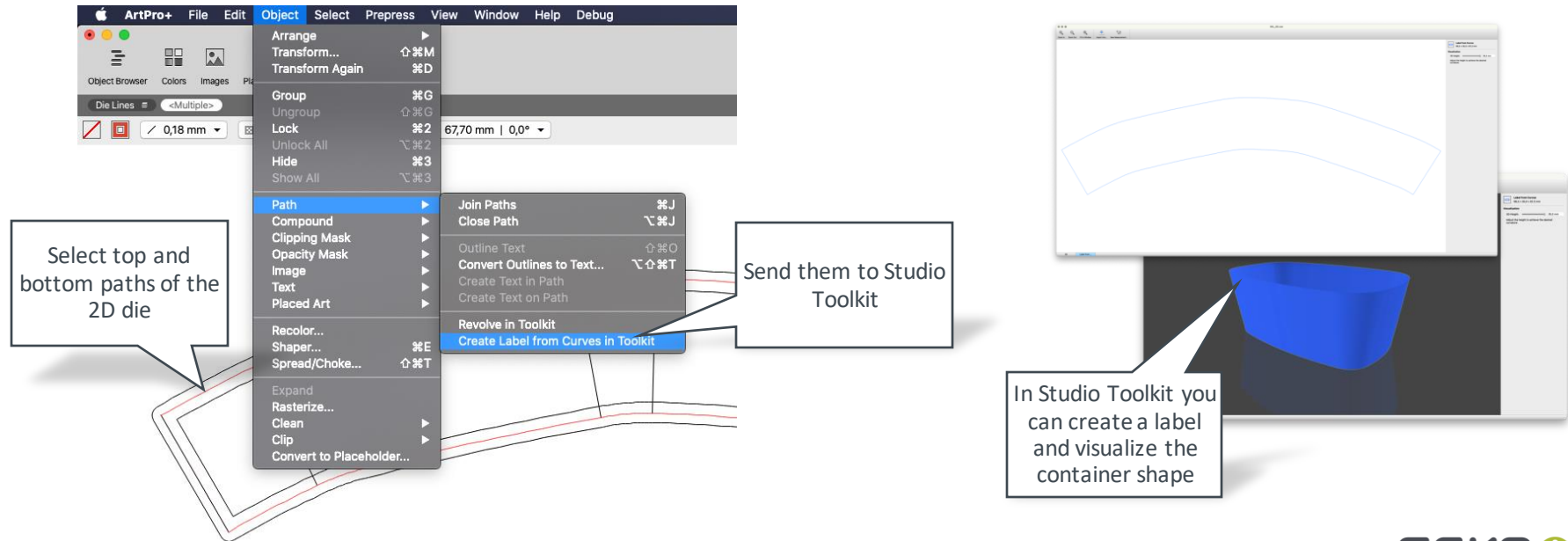
Sleeve Mode: No

Switch Source & Destination Grid

Warp Grid object shows Destination Grid bounds

Create Label From Curves in Toolkit

- You can have Studio Toolkit create a model based on the top and bottom path of the die outlines



Create Label From Curves in Toolkit

- With Studio Designer you can view and share in 3D after placing the Studio model

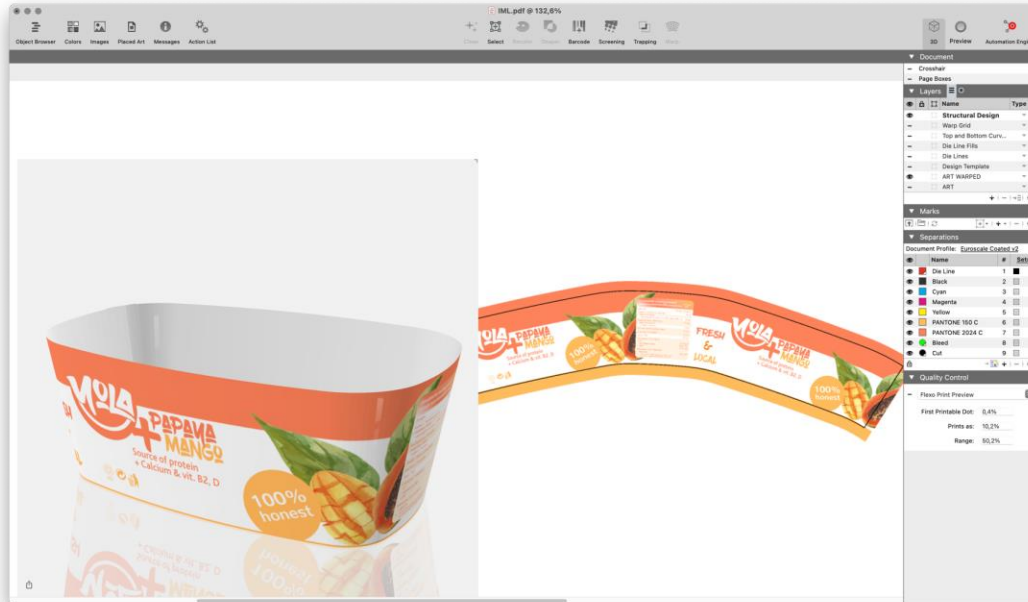


Plate Cut improvements

- Several controls have been added to Plate Cut to tune the algorithm for the desired results

The screenshot shows a software interface for configuring plate cut settings. It includes sections for Web Direction, Plate Width, Plate Circumference, Create Cutting Paths, and Separations. The 'Create Cutting Paths' section has a dropdown menu set to 'Prefer Stagger Pattern'. The 'Separations' section has a list of color and path options, each with a checkbox. The 'Use the same path for all selected separations' checkbox is unchecked. The 'Create' button is highlighted in blue.


Web Direction: 











Plate Width:

Plate Circumference:

Create Cutting Paths:

	Minimum	Preferred
Keep Away From Imaged Areas:	<input type="text" value="0,50 mm"/>	<input type="text" value="10,00 mm"/>
Corner Radius:	<input type="text" value="5,00 mm"/>	<input type="text" value="10,00 mm"/>
Gap at Seam:	<input type="text" value="1,00 mm"/>	<input type="text" value="1,00 mm"/>

Separations:

- ☒  Yellow
- ☒  Magenta
- ☒  Cyan
- ☒  Black
- ☒  PANTONE 2297 C
- ☒  PANTONE 2293 C
- ☒  PANTONE 7741 C
- ☐  Crease
- ☐  Cut
- ☐  Plate Cut

☐ Use the same path for all selected separations

Plate Cut improvements

- New mode to choose to optimize plate usage or prefer to follow the stagger pattern as much as possible

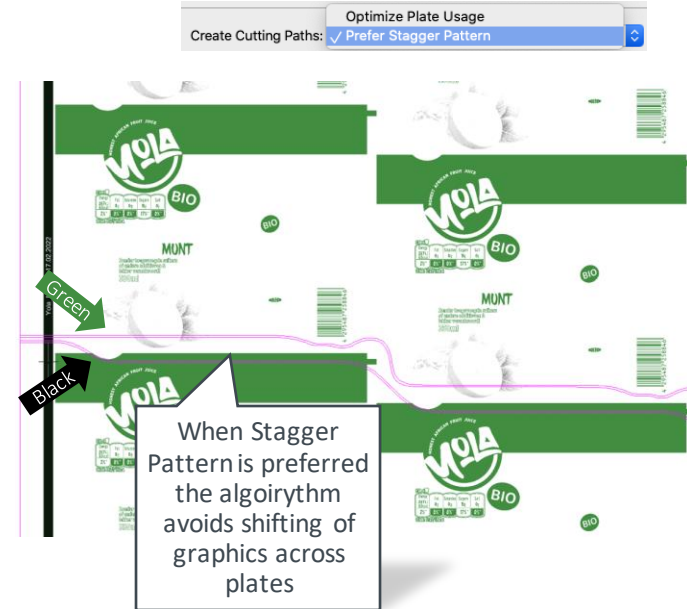
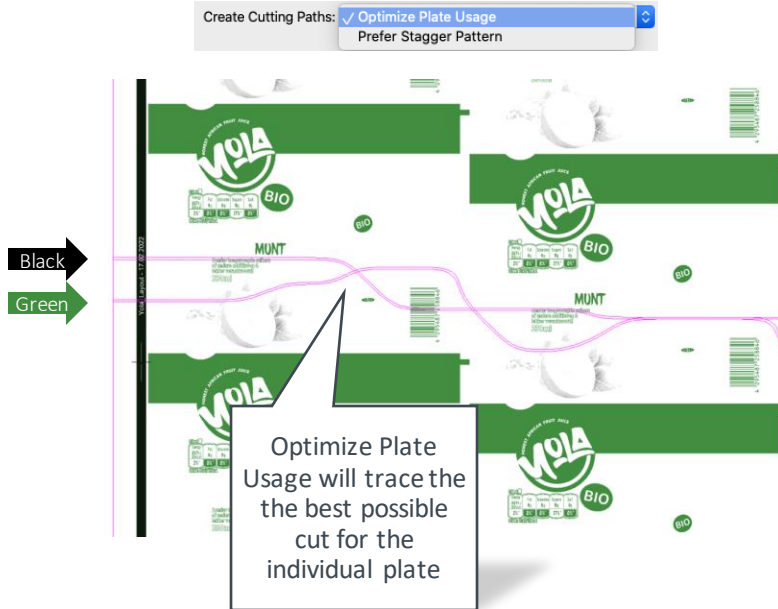


Plate Cut improvements

- Separation selection allowing individual cutting strategies per plate
- Including plates that print processing steps content such as varnish or white

Choose your cutting strategy for selection of plates

Deactivate the computing for plate cuts you don't want to change

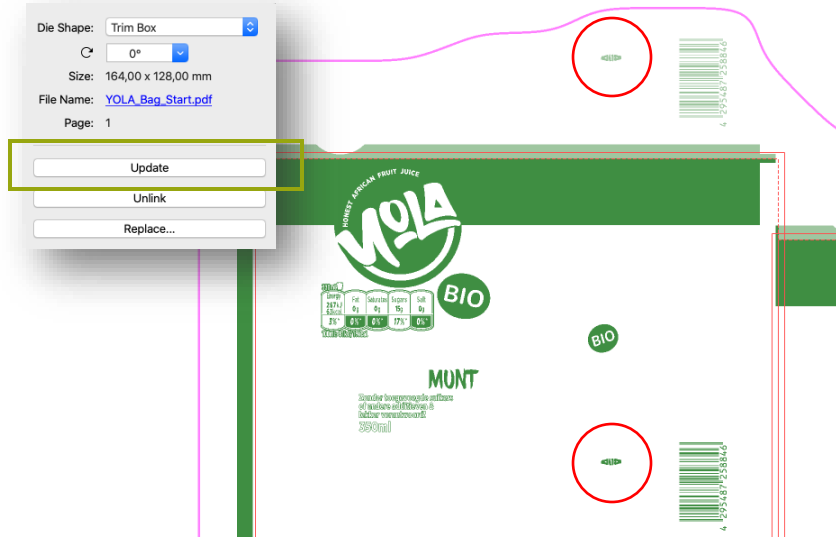
Sample:
The gap at seam for the full cover white plate is set to 0 mm whereas all other colors are variable from 0.5 mm to 1 mm

Color	Minimum	Preferred
White	0,50 mm	10,00 mm
Yellow	5,00 mm	10,00 mm
Magenta	0,50 mm	1,00 mm
Cyan	0,50 mm	1,00 mm
Black	0,50 mm	1,00 mm
PANTONE 2297 C	0,50 mm	1,00 mm
PANTONE 2293 C	0,50 mm	1,00 mm
PANTONE 7741 C	0,50 mm	1,00 mm

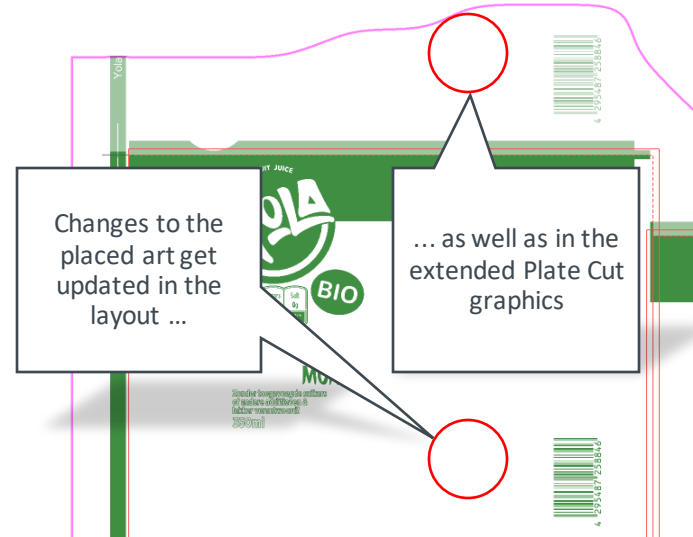
Color	Minimum	Preferred
White	0,50 mm	10,00 mm
Yellow	5,00 mm	10,00 mm
Magenta	5,00 mm	10,00 mm
Cyan	5,00 mm	10,00 mm
Black	5,00 mm	10,00 mm
PANTONE 2297 C	5,00 mm	10,00 mm
PANTONE 2293 C	5,00 mm	10,00 mm
PANTONE 7741 C	5,00 mm	10,00 mm

Plate Cut improvements

- Syncing the extended graphics of Plate Cut when updating placed art



Before update



After update

Plate Cut improvements

- With the new Minimum Corner Radius option, you can soften the cutting path corners whenever the white space allows to avoid tearing

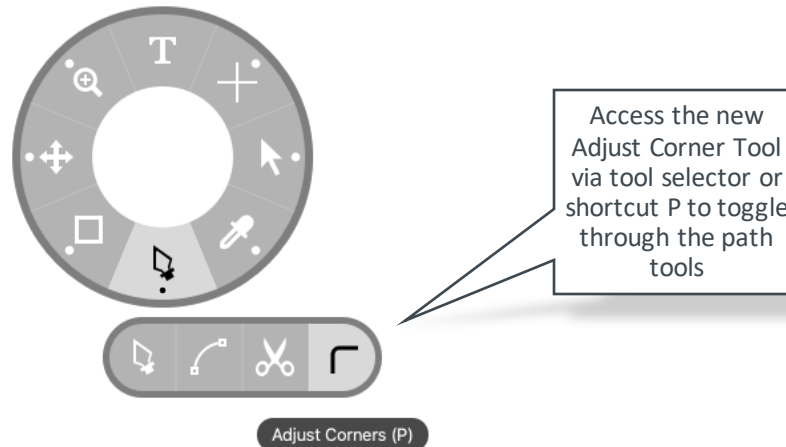
	Minimum	Preferred
Keep Away From Imaged Areas:	<input type="text" value="0,50 mm"/>	<input type="text" value="10,00 mm"/>
Corner Radius:	<input type="text" value="5,00 mm"/>	<input type="text" value="10,00 mm"/>
Gap at Seam:	<input type="text" value="0,50 mm"/>	<input type="text" value="1,00 mm"/>

Separations:

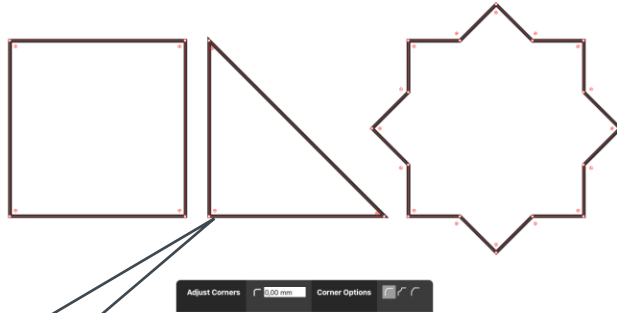
<input type="checkbox"/>	<input type="checkbox"/>	White
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Yellow
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Magenta
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Cyan
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Black
<input checked="" type="checkbox"/>	<input type="checkbox"/>	PANTONE 2297 C
<input checked="" type="checkbox"/>	<input type="checkbox"/>	PANTONE 2293 C
<input checked="" type="checkbox"/>	<input type="checkbox"/>	PANTONE 7741 C

Adjust Corners Tool

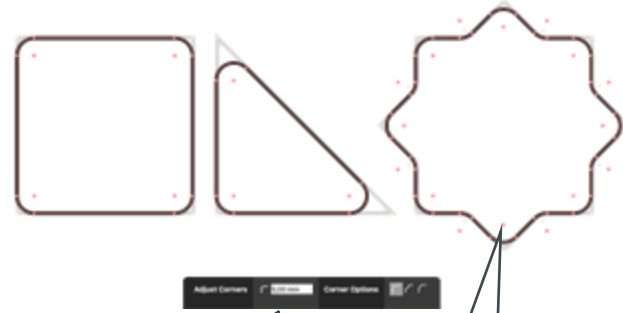
- Often die-shapes e.g. for labels are generated by the prepress professionals
- The new Adjust Corner Tools tremendously simplifies the precise drawing of shapes with rounded or cut corners



Adjust Corners Tool



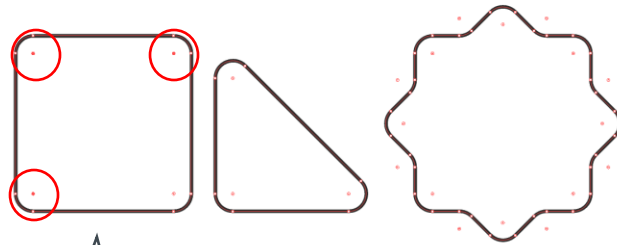
With the Adjust Corner Tool active recognised corners are indicated by a red dot



Changing the corner radius or style will impact all corners of selected objects

For rounded corner the red dot indicates the radius center

Adjust Corners Tool



To change individually target corners of one or more objects simply click the appropriate red dots

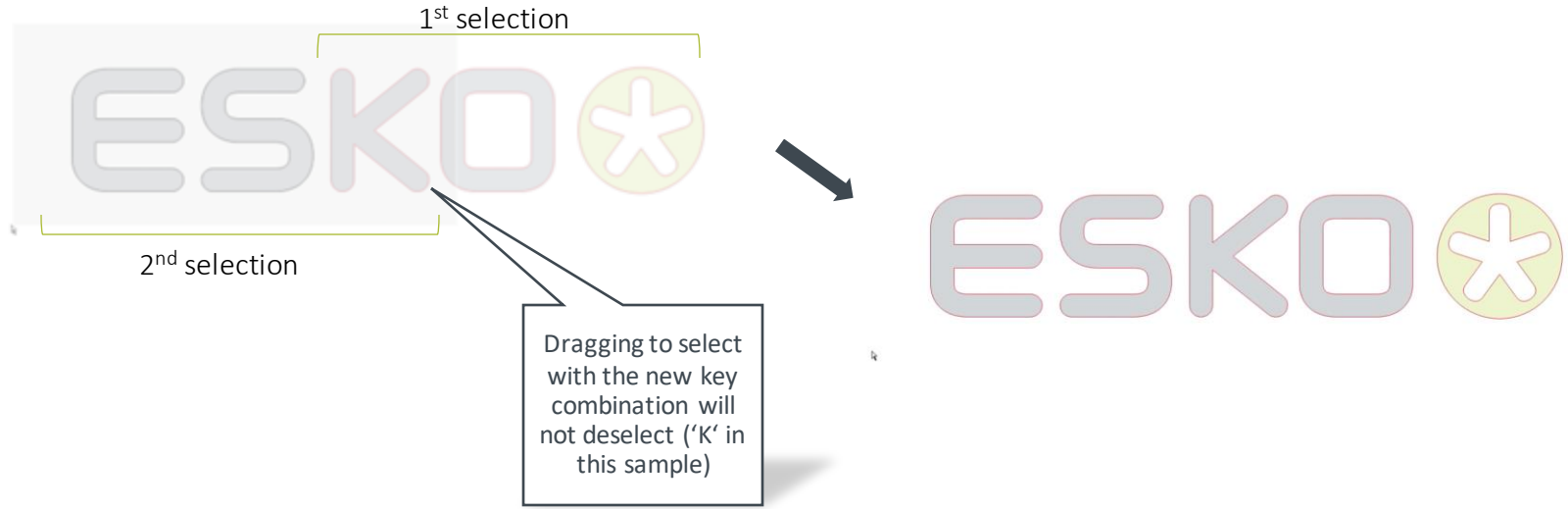


Changing the corner radius or style will impact only targeted corners



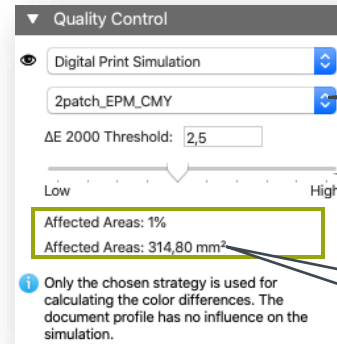
Selection Tool: Restrict to add to selection

- Holding down SHIFT and CTRL/CMD when dragging allows to expand object selection without deselecting what's already selected



Digital Print Simulation

- You can now highlight areas that will be compromised in their color when printed digitally before you go to press
- This allows you to select the right digital color strategy for the job at hand



Select the digital print color strategy

Choose your tolerated color deviation

Get a report on relative and absolute areas out of tolerance

Equinox: Flatten transparencies option

- By flattening blended artwork, you can improve the accuracy of Equinox color conversions

Remove Separations

Replace Separations

Convert Separations

Conversion Method: Convert with Equinox

☒ Flatten objects before conversion

Color Strategy: 1018_G7_EFX_Clr_PartUV_HD03_F_218

#	Original Separation	ΔE 2000
5	PANTONE 4057 C	2,2
6	PANTONE 198 C	2,8
7	PANTONE 4057	
8	Crease	
9	Cut	

→

Separation
Cyan
Magenta
Yellow
Black

The selected separations of the selected objects will be converted using the chosen conversion method.

Convert All Close Convert

New PDF Actions

- Apply PDF+ Marks
- Warp
 - Place Warp Grid
 - Warp using Warp Grid
- Screening
 - Choose Default Screen Set
 - Apply Screen Set by name
 - Remove unused Screen Sets

Apply PDF+ Mark Set

Mark Set: ArtPro+ Flexo

☒ Replace Existing Marks

Browse...

Place Warp Grid

URL: Yoghurt X23 86mm

Browse...

Warp Using Warp Grid

Warp Grid: Specify Warp Grid name

Warp Grid Name: Yoghurt X23 86mm

Report missing Warp Grid As:

Minimum Image Resolution: 300,00 ppi

Add Gradient Noise: 2,00%

Warp Outside Grid for: 0,00 mm

Choose Default Screen Set

Screen Set Name: OurStandardScreening

Report Missing Screen Set As:

Apply Screen Set

Screen Set Name: ForCustomerA

Report Missing Screen Set As:

Remove Unused Screen Set

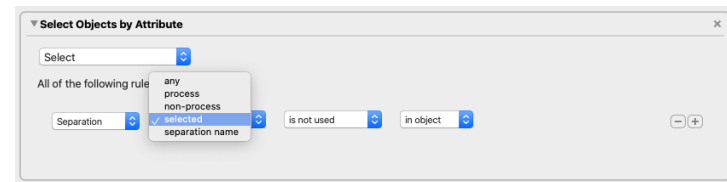
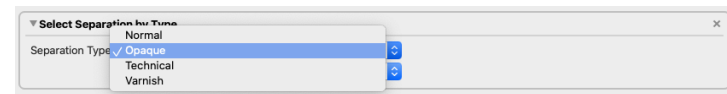
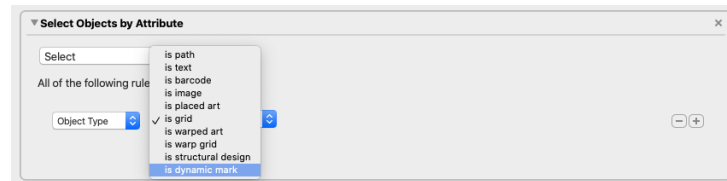
This action has no parameters.

Error
 Warning
 Info

PDF Actions Enhancements

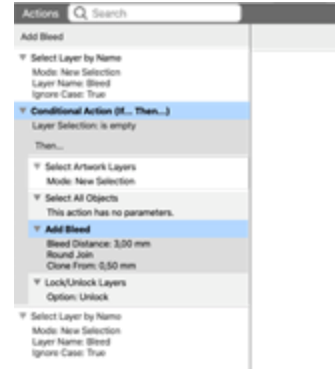
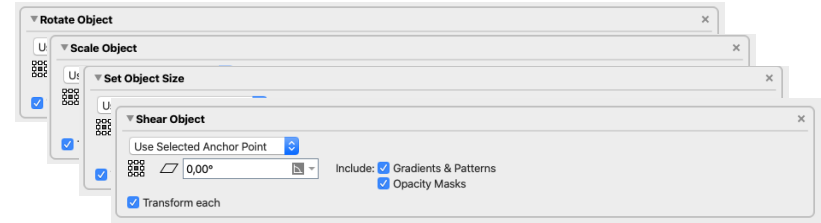
■ Selection

- Select Objects by Attributes:
Dynamic Mark
- Select separation by type
- Select objects using selected separations



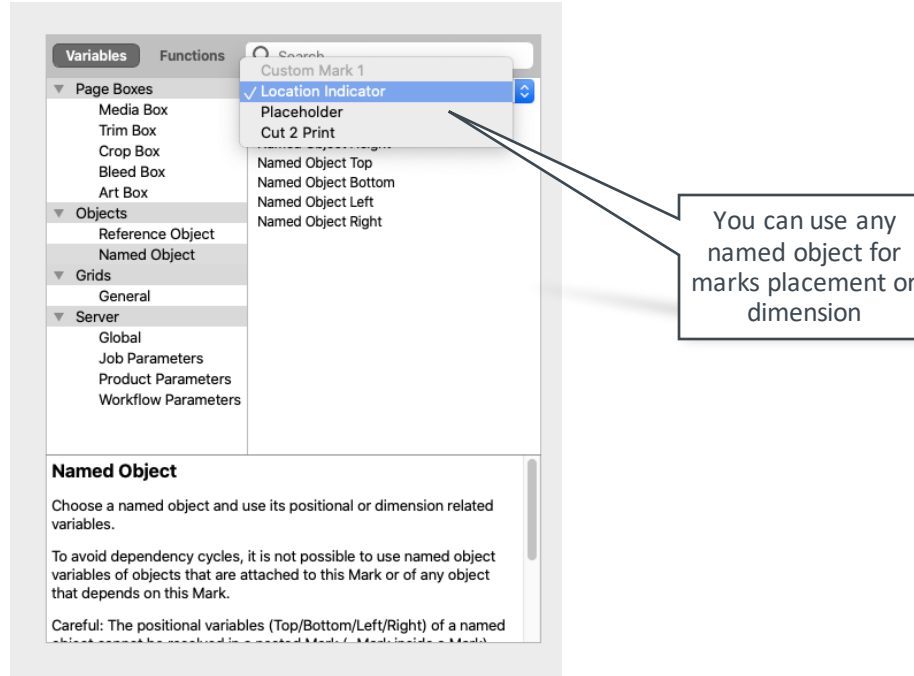
PDF Actions Enhancements

- Run with Options
 - Choose from pull-down menus
- Transform
 - 'Transform Each' for all transform actions
- Conditional action (If... Then...)
 - Page index
 - Allow condition to be "all, any, none"
 - Step-through mode



Marks

- You can now refer to Named Objects when designing formulae



Marks

- Use a formula to size an Area Text Mark:

Fit Text: Wrap Lines Then Shrink

Minimum Font Size: 7,00 pt

Fill: Static Color

Stroke: No Stroke

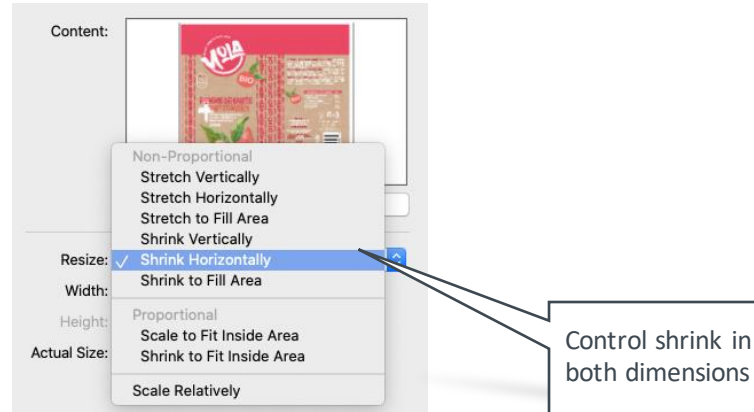
Width: 30,00 mm *fx*

Height: 4,23 mm *fx*

The area of text can now be controlled by formula

Marks

- You can apply non-proportional shrink to marks using the Resize Mark



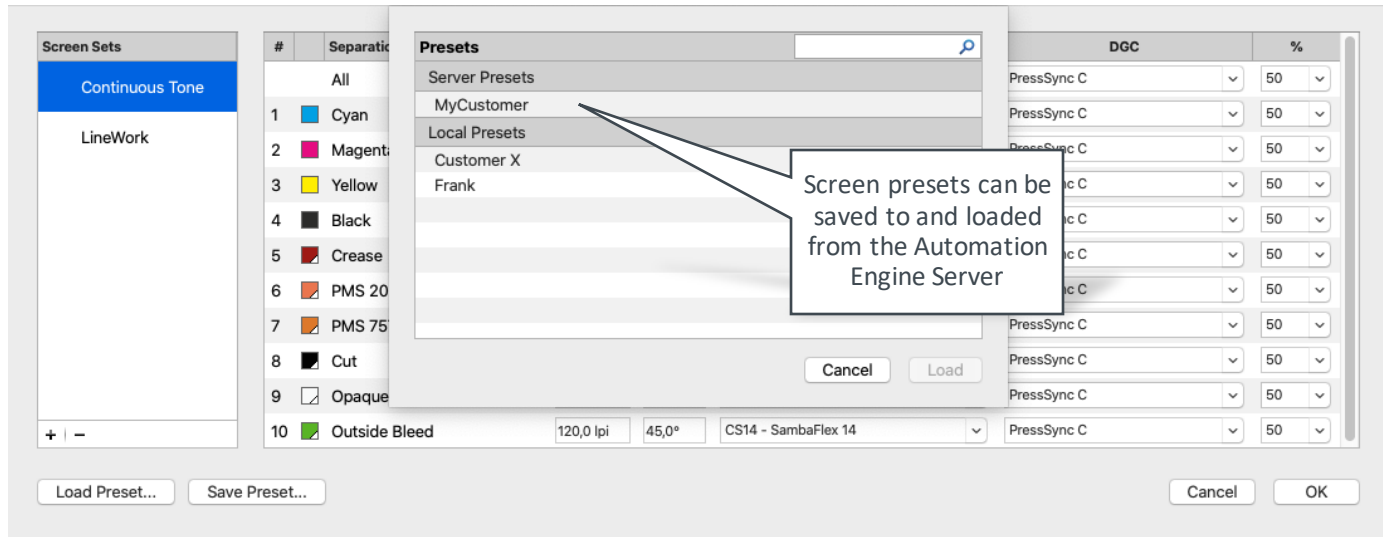
Barcodes: MSI Barcode

- The MSI Barcode has been added to the list of supported barcodes



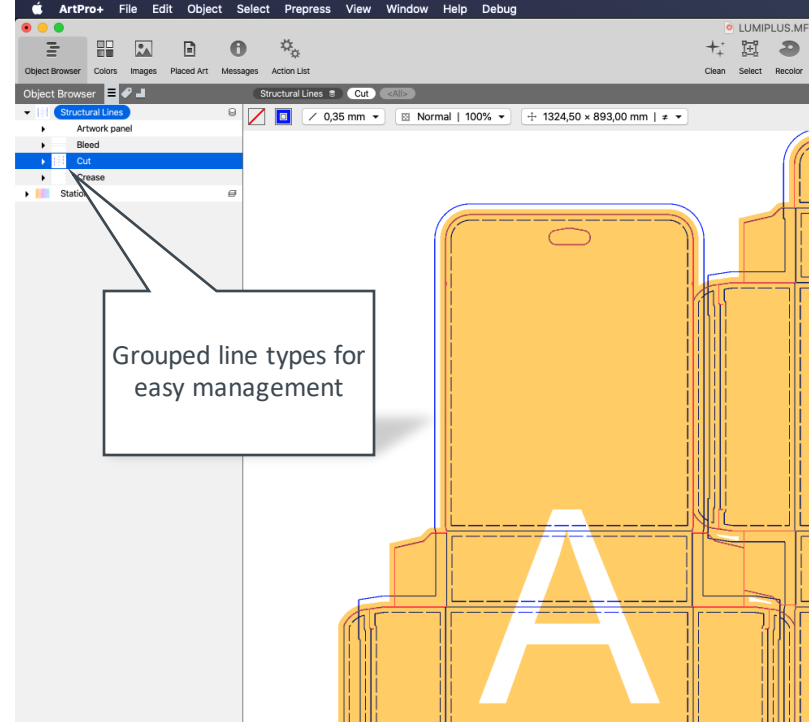
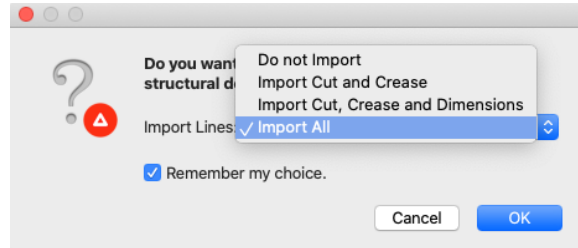
Sharing Screen Presets

- Screen Presets can now be shared within your prepress teams



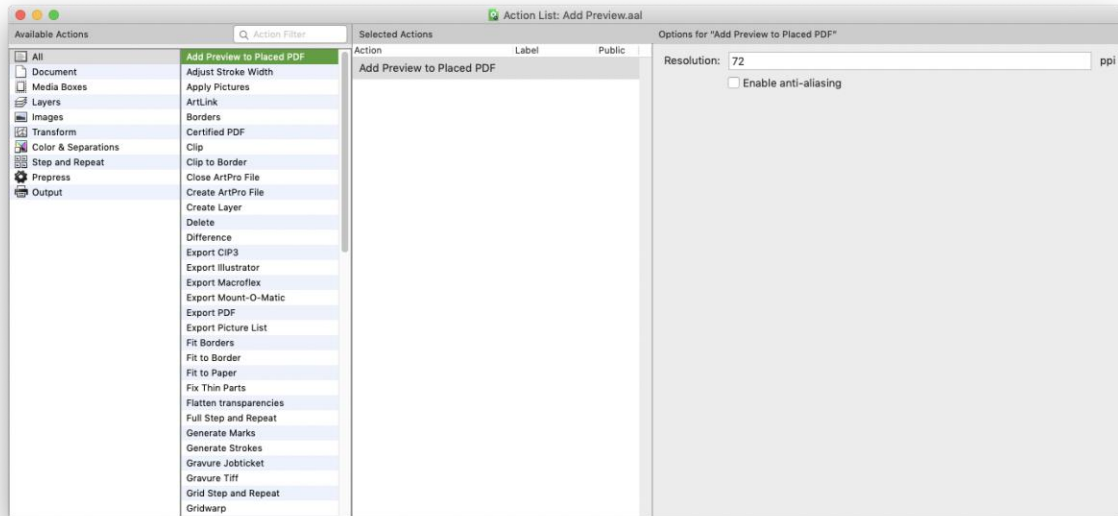
Import Structural Lines

- Next to Cut, Crease and Dimension Lines you can now choose to import all supported line types when opening a structural layout file.



ArtPro (classic) Action List: Add PDF Preview

- To allow classic Step& Repeat workflows to work with native PDF a new classic ArtPro Action has been added to Automation Engine 22.03: Add PDF Preview



Supported Operating Systems

- ArtPro+, ArtPro classic, DeskPack and Studio run on Windows 11 and latest macOS Monterey with native M1 support



ESKO*