

ArtPro+ 18.0

What's new

[Jump to the "ArtPro+ 18.0.1 What's new" section](#)

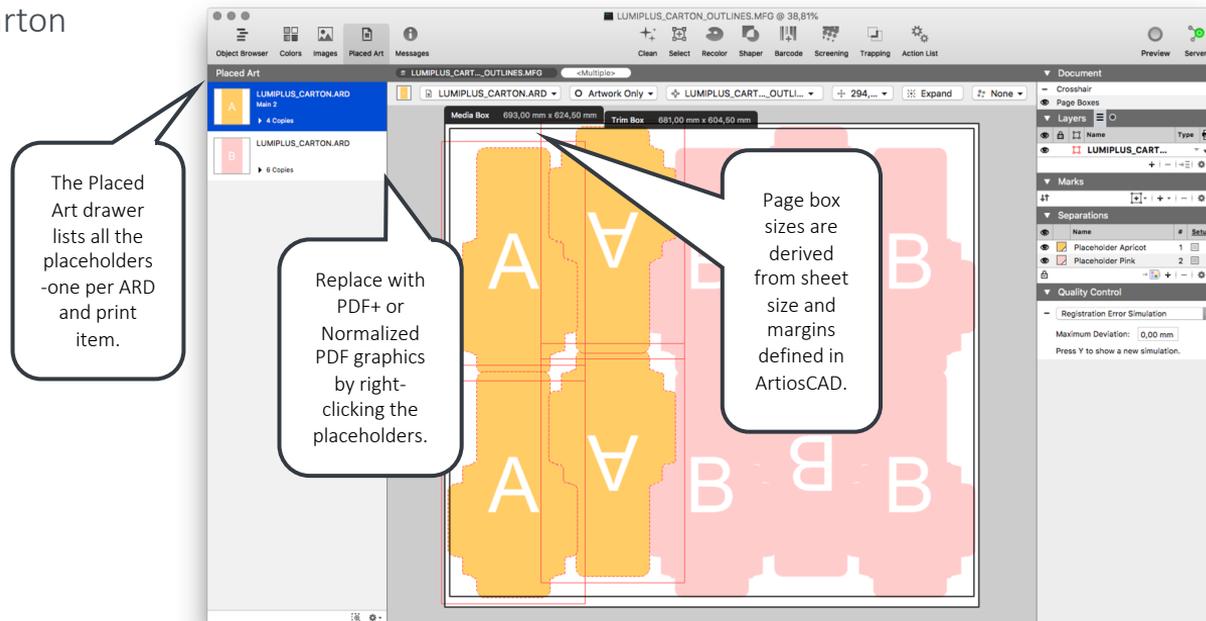
Frank Woltering

Product Manager PDF Editors

June 2018

Folding Carton Step and Repeat

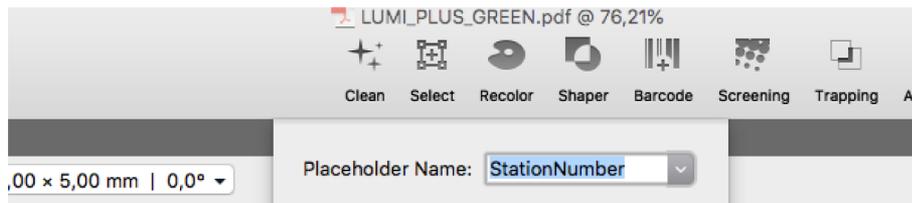
- It is now possible to open ArtiosCAD MFG files and build folding carton layout files with the ArtPro+ Advanced Edition



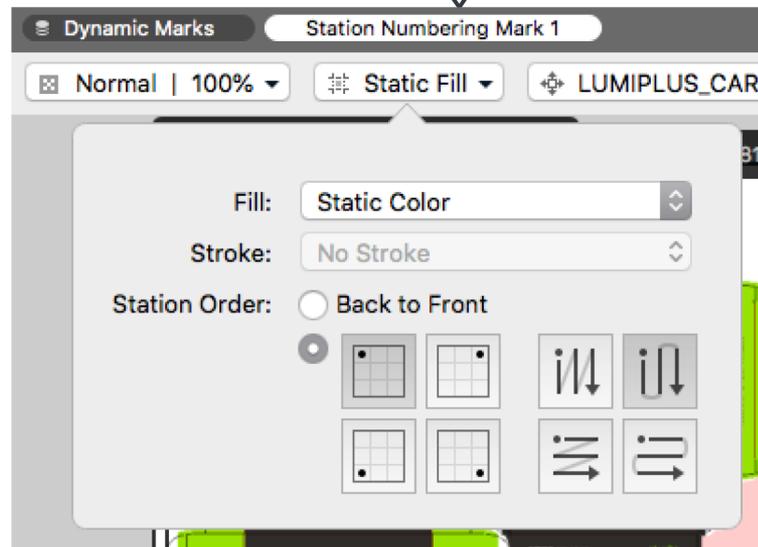
Folding Carton Step and Repeat

- You can define and apply station numbers to your MFG-based layout

Add a Station Numbering Mark and define the startpoint and direction.



Convert an object in your 1up file to a StationNumber placeholder via Object menu, "Convert to Placeholder...".



Folding Carton Step and Repeat

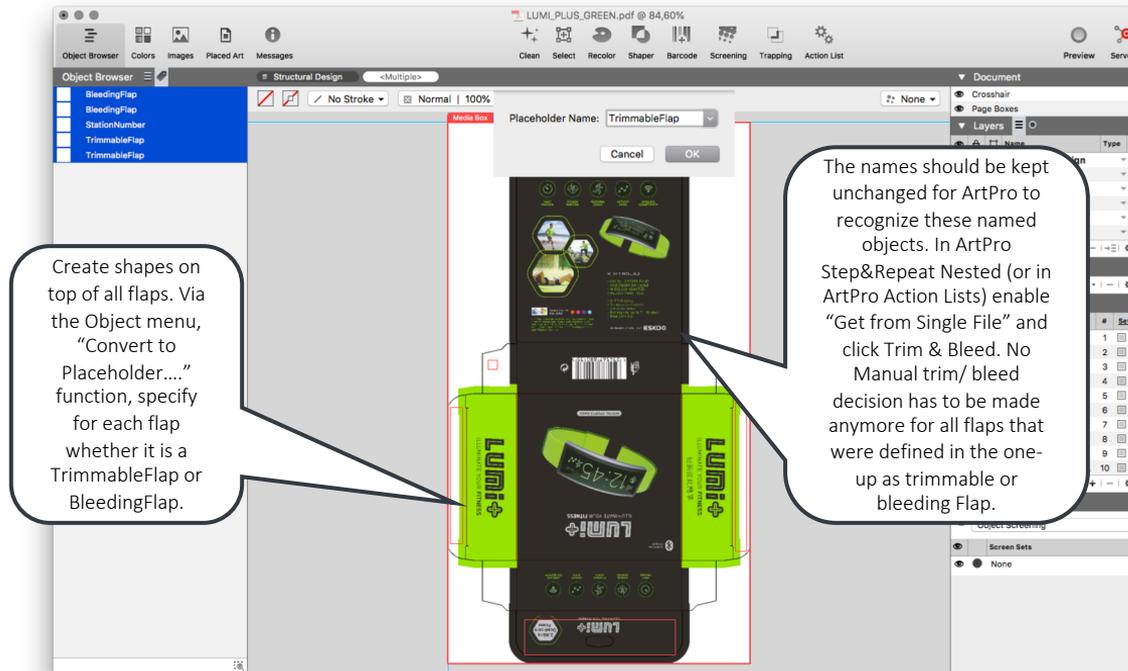
- When opening an MFG file, bleed masks are automatically generated and an overlap decision is made for the touching panels
- This can be manually overruled with the “Adjust Bleed” tool

The image shows a software interface for adjusting bleed on a folding carton layout. On the left, a 'Layout Inspector' window is open, displaying the file name 'LUMIPLUS_CARTON_OUTLINES.MFG' and the current 'Clip Bleed At' value of '3,00 mm'. Below this is an 'Adjust Bleed' button. A callout box explains that the bleed mask is automatically created based on the die shape and can be changed using this tool. Another callout explains that clicking the 'Adjust Bleed' tool shows decisions taken and allows for manual overrule where needed.

On the right, a 3D model of the carton is shown with various panels. Callouts explain the color coding: white indicates overlaps resolved correctly, yellow indicates overlaps that need attention, and red indicates problematic overlaps needing resolution. Another callout explains that overlap conflicts are highlighted with arrows, and bleed direction can be changed by click-dragging from within the overlap into a bleed-receiving flap or by a single click for a centerline bleed.

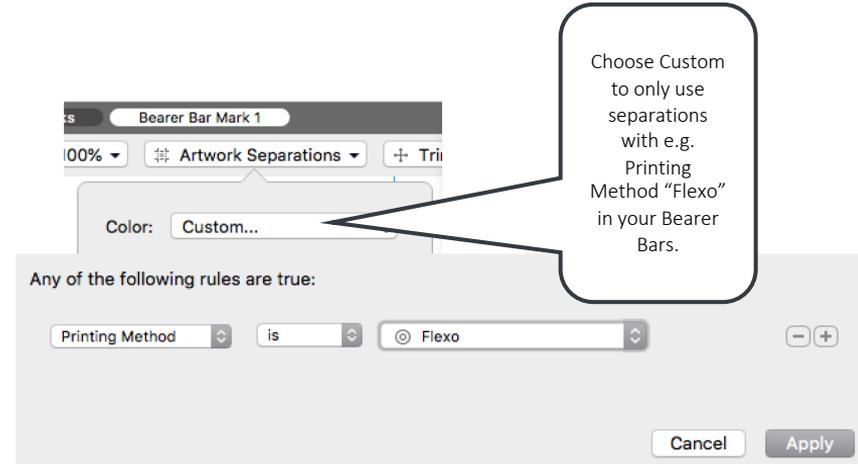
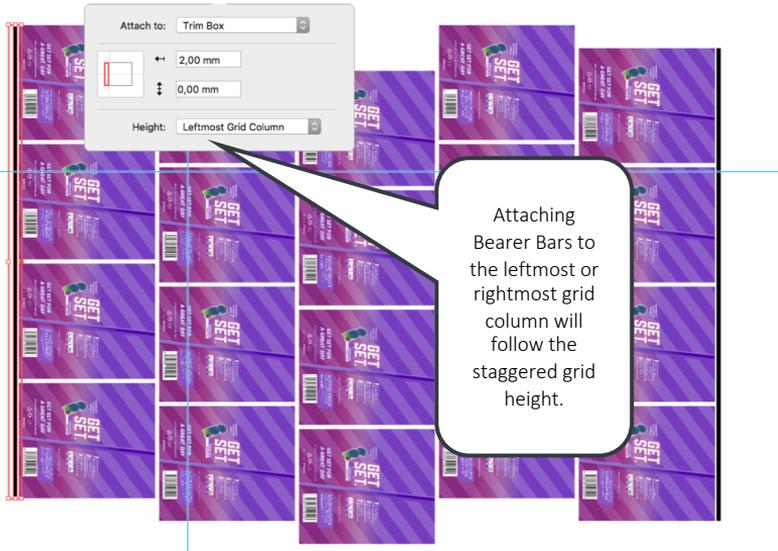
Define Trim and Bleed Flaps in one-ups

- You can now indicate trimmable and bleeding flaps in your one-up PDFs in ArtPro+, these can be recognized in a nested S&R in ArtPro 16.1.1 and ArtPro Action Lists in Automation Engine 18.0 (or higher)



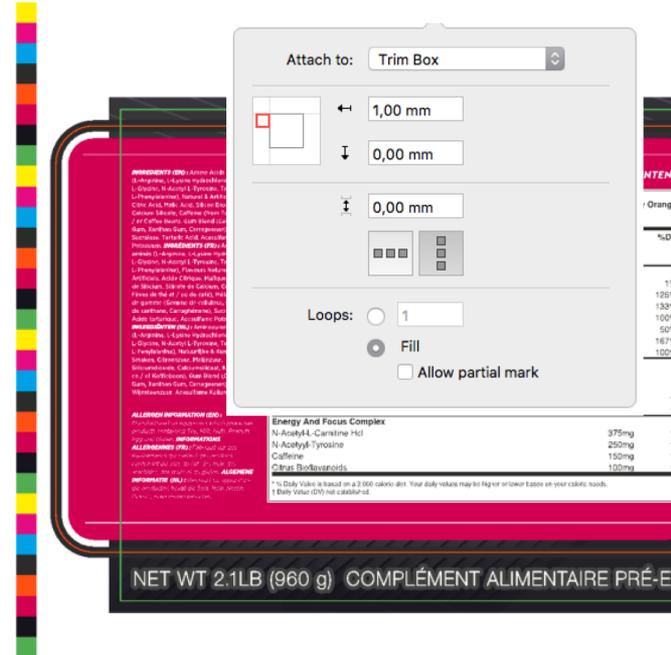
Dynamic Marks – Add Bearer Bar Mark

- Bearer Bar Marks are typically used as an aid to limit cylinder bouncing during flexo printing
- It is now possible to create Bearer Bar Marks from a selected shape or to add a standard Bearer Bar Mark

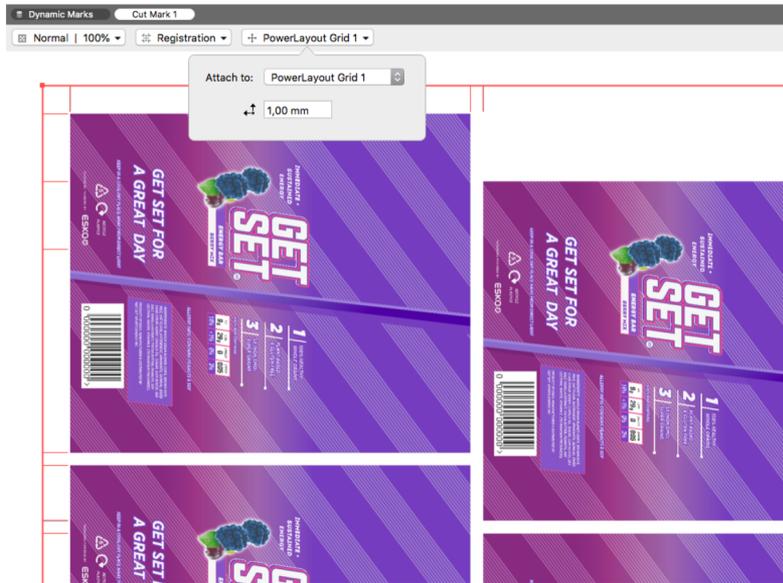


Dynamic Marks – Add Repeating Mark

- A repeating mark is a new Dynamic Mark that will generate a sequence of a shape using the documents' separations
- Draw your desired shape and create a new mark from your selector
- Edit the shape and separations via the marks properties Inspectors



Dynamic Marks – Add Cut Mark



- A Cut Mark is a Dynamic Mark that will serve on printed sheets to align the cutter on
- You can now create a Cut Mark from a selection, or add a standard one

Dynamic Marks – Edit shape

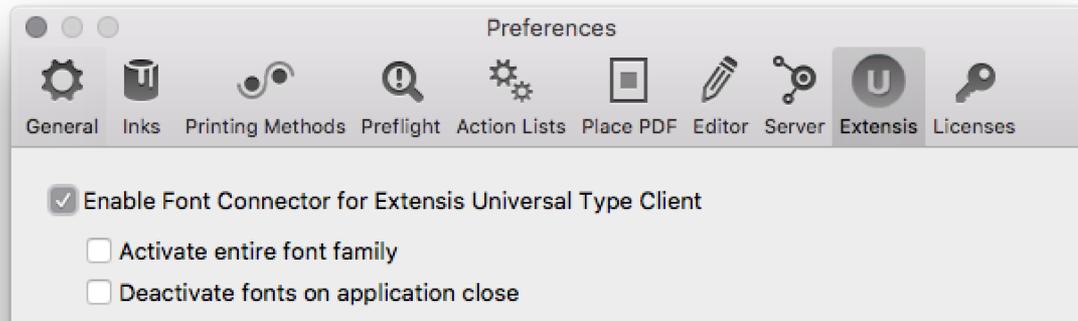
- Most marks now have an “Edit” button in their properties, making it easy to change the appearance of existing marks
- Clicking the Edit button takes you to a separate editing mode
- This allows you to make changes to the appearance of the objects you used to create the mark from, e.g. change its shape, color definition, transparency..

Update marks on open and save

- All marks are now updated after opening and when saving your file in ArtPro+
- This ensures the marks are in sync with changes happening outside of ArtPro+, eg Automation Engine server variables that were changed

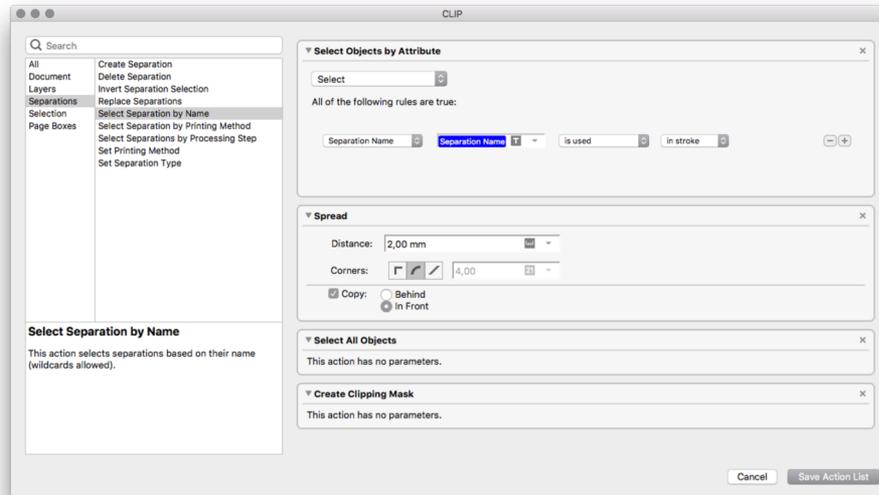
Extensis Font Activation

- ArtPro+ now integrates with Extensis Universal Type Server for effortless font activation
- Don't lose time searching and managing fonts locally
- When a file with embedded subsets of fonts is opened in ArtPro+ (and ArtPro+ is connected to the Universal Type Client), the fonts - if present on the Universal Type Client - will be activated and can be used as system fonts in ArtPro+ when you start editing text



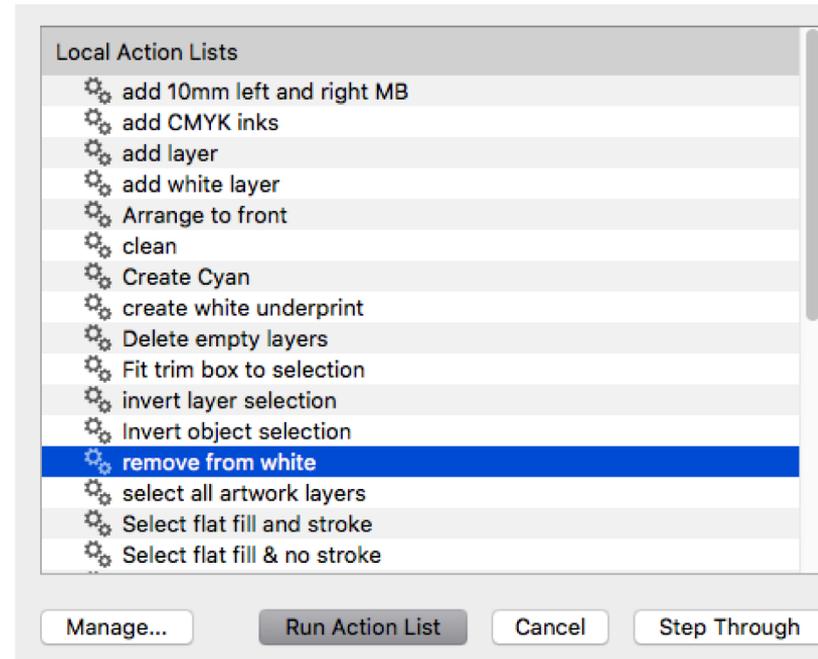
PDF Action Lists

- Using PDF Action Lists you can automate a number of ArtPro+ functions, boosting your productivity
- No scripting or IT skills required
- Make your PDF Action Lists in ArtPro+, test them using the “Step-Through” mode and execute them in ArtPro+ or on Automation Engine 18 with the “Apply PDF Action List” Task



PDF Action Lists

- Creating and Managing Action Lists
 - Click the Action Lists button in the Top bar
 - Click the Manage button in the Action Lists Preferences dialog
 - You can create, edit and delete action lists
 - You will see Local Action Lists and Standard Action Lists.
 - When connected to Automation Engine, you will also see a 3rd category: Server Action Lists



PDF Action Lists

In the Action List Editor, select an Action and drag it to the right panel to compose your PDF Action List. When applicable, set the Parameters.

The screenshot shows the 'add CMYK inks' dialog box. On the left, a search bar and a list of actions are visible. The 'Create Separation' action is selected and highlighted in blue. Below the list, a description for the 'Create Separation' action is provided. On the right, the configuration panel for the 'Create Separation' action is shown. It contains four instances of the 'Create Separation' action, each with a 'Separation name' field and a 'Preview color' field. The first instance has a blue preview color and a dark icon next to the 'Separation Name' field, indicating a variable parameter. The other three instances have static names: 'Magenta', 'Yellow', and 'black', and their preview colors are magenta, yellow, and black respectively. A callout bubble points to the dark icon in the first instance, explaining that parameters can be static or variable and that variables are resolved on the server.

Create Separation

This action creates a new separation by the specified name. The created separation gets selected. If the separation already exists, it just gets selected. Separation names are case sensitive. If the separation name is not found in the color database, the new separation will be created using preview color values.

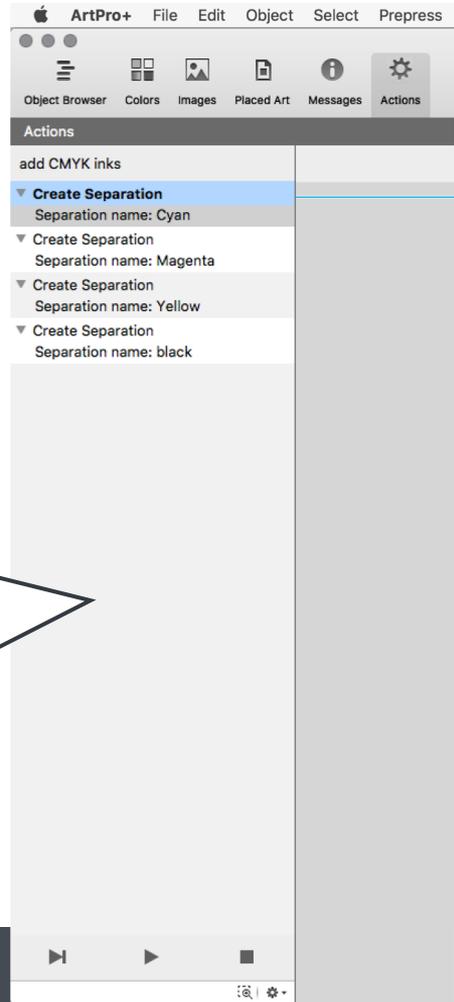
Parameters can be static or variable. Variables can be resolved on the server. Click the dark icon, input a name and value for the new Parameter. Variable parameters are indicated in blue.

Cancel Save Action List

PDF Action Lists

- To run an action list, click the “Action List” button in the upper toolbar, select the action list and click “Run Action List”
- To test an action list, click “ Step Through”, allowing to perform the actions step by step and inspect what is happening

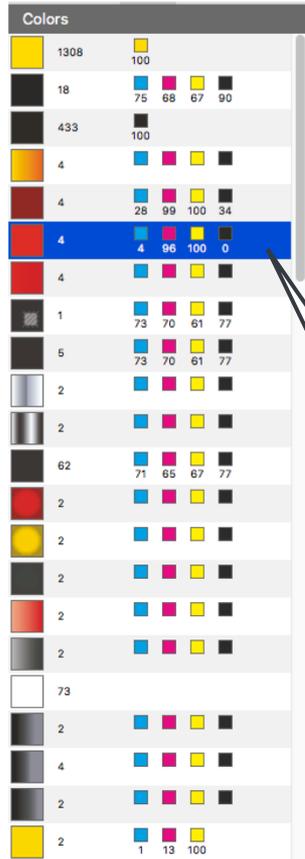
when clicking Step Through, an action button appears in the upper toolbar and all actions are displayed on the left side. You can perform a selected action or the selected action and all below.



PDF Action Lists

- A full list of actions that are available in this release can be found [here](#)

Colors

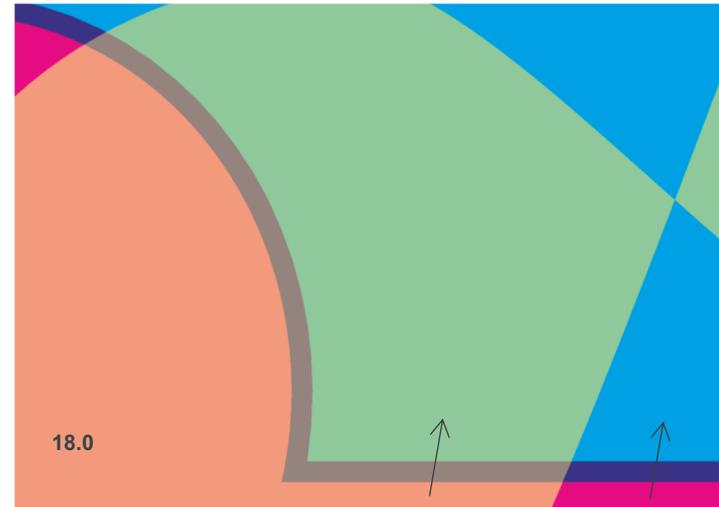
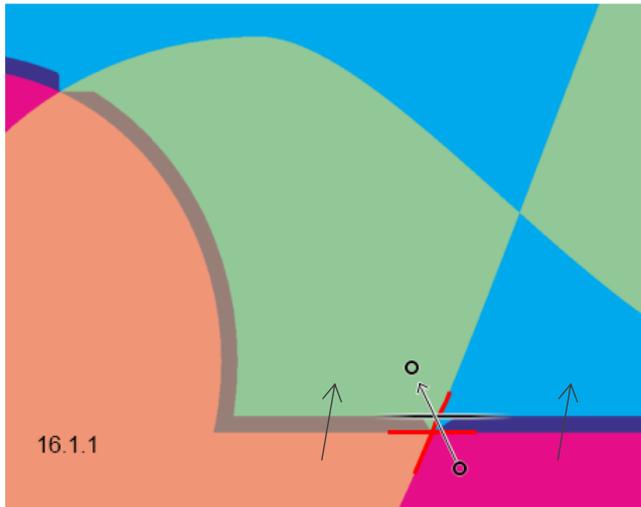


Color Name	CMYK Values
1308	100
18	75 68 67 90
433	100
4	28 99 100 34
4	4 96 100 0
4	73 70 61 77
5	73 70 61 77
2	71 65 67 77
2	73 70 61 77
62	71 65 67 77
2	73 70 61 77
2	73 70 61 77
2	73 70 61 77
2	73 70 61 77
2	73 70 61 77
2	73 70 61 77
73	
2	73 70 61 77
4	73 70 61 77
2	73 70 61 77
2	1 13 100

- A new Colors button has been added, giving a read-out of all used colors as fill or stroke in your file
- Efficient and fast to change colors and improve printability of your artwork

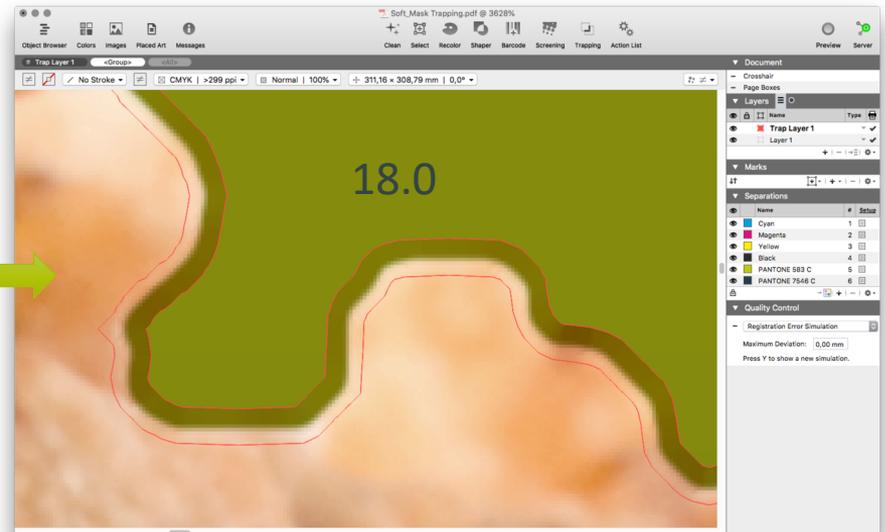
Interactive Trapping – smoother traps

- In specific cases, the Interactive Trapping tool didn't always generate smooth traps and an extra trap needed to be made
- Where possible, these interruptions are now resolved and a smooth trap is created in one go



Trapping – smoothing of Image trapping

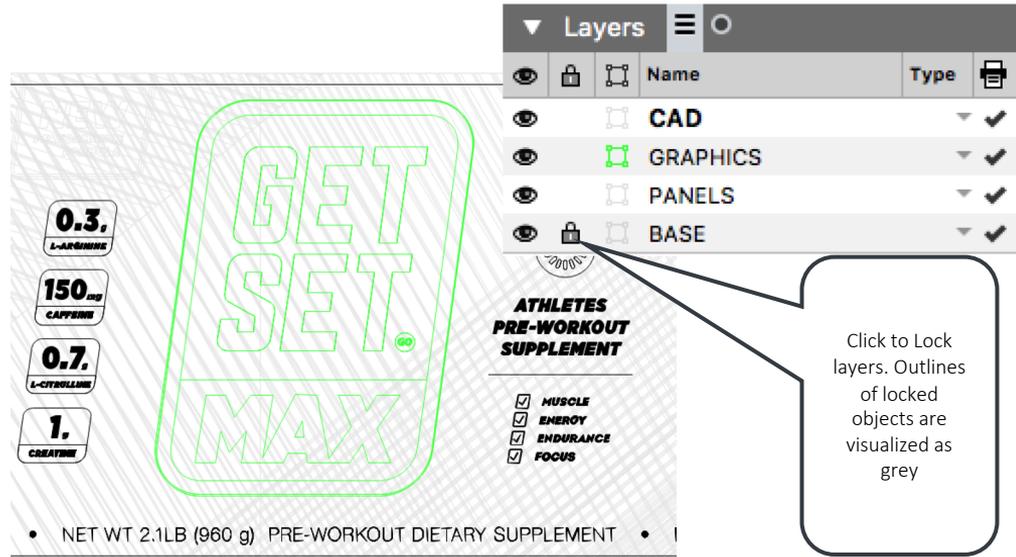
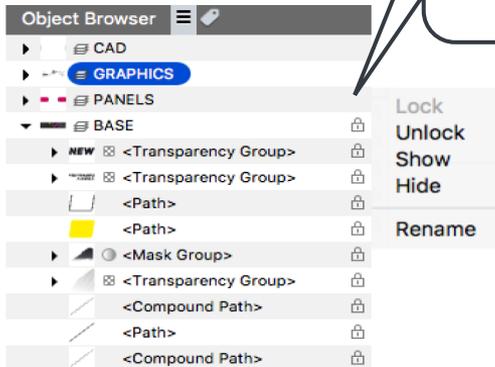
- Traps of images with transparency are now more smooth and higher quality, whereas before the trap was quite harsh with 'staircase' like pixels



Object and Layer Locking

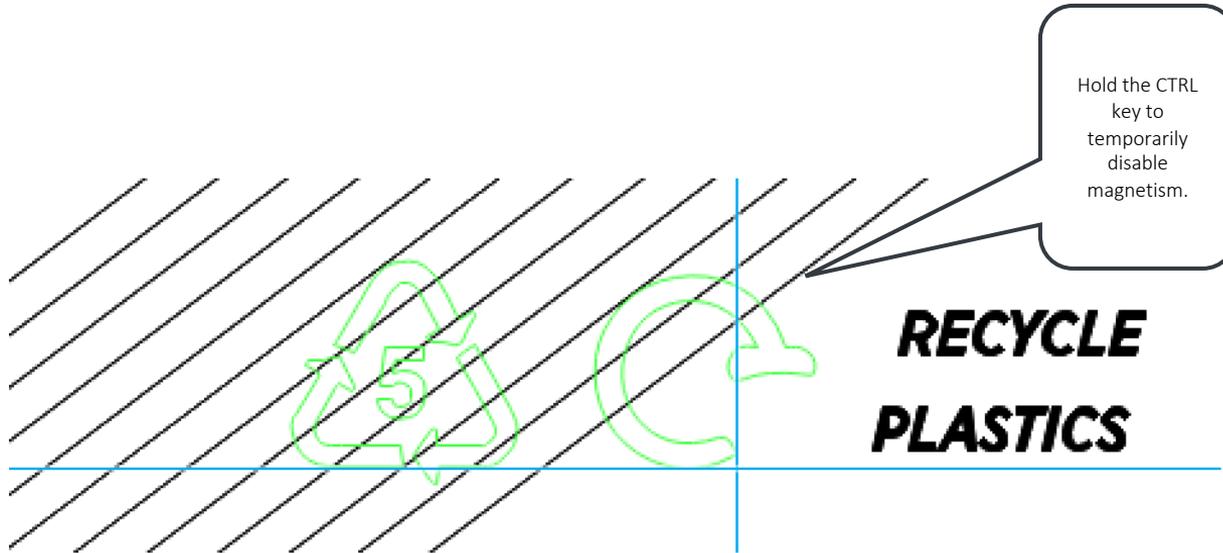
- Locking objects or layers prevents unintentional changes
- Lock selected objects via the Object menu or by using the shortcuts

Right-click to open the contextual menu to lock or unlock objects.



Magnetism

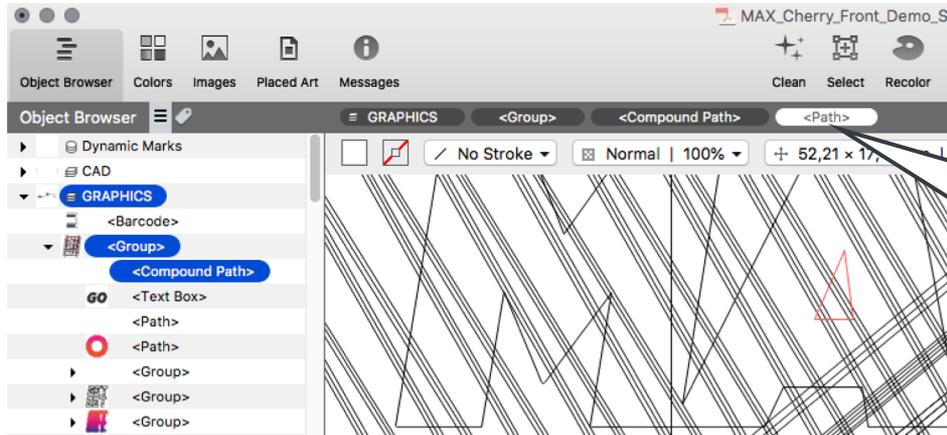
- For more accurate positioning, the crosshair now snaps to selected objects
- Drag the origin or one of its axes nearby your selection, when close enough the crosshair will snap to the nearest point or line



Path Select Tool



- Select individual paths belonging to a compound with the new Path Select tool
- In this version, paths can be selected and deleted, cut/copy and pasted which will make them part of a new compound
 - Edit operations not (yet) supported on paths, will work on the entire compound



Selection is correctly reflected in the Breadcrumbs and Object Browser.

Align and Distribute

- New tool to align and distribute selected objects



Align & Distribute (E)



The tool will always reflect how selected objects have been aligned or distributed previously.



Named Objects Overview

- To quickly find named objects, an overview of all named objects was added to the object browser
- All named objects present in the file are listed alphabetically



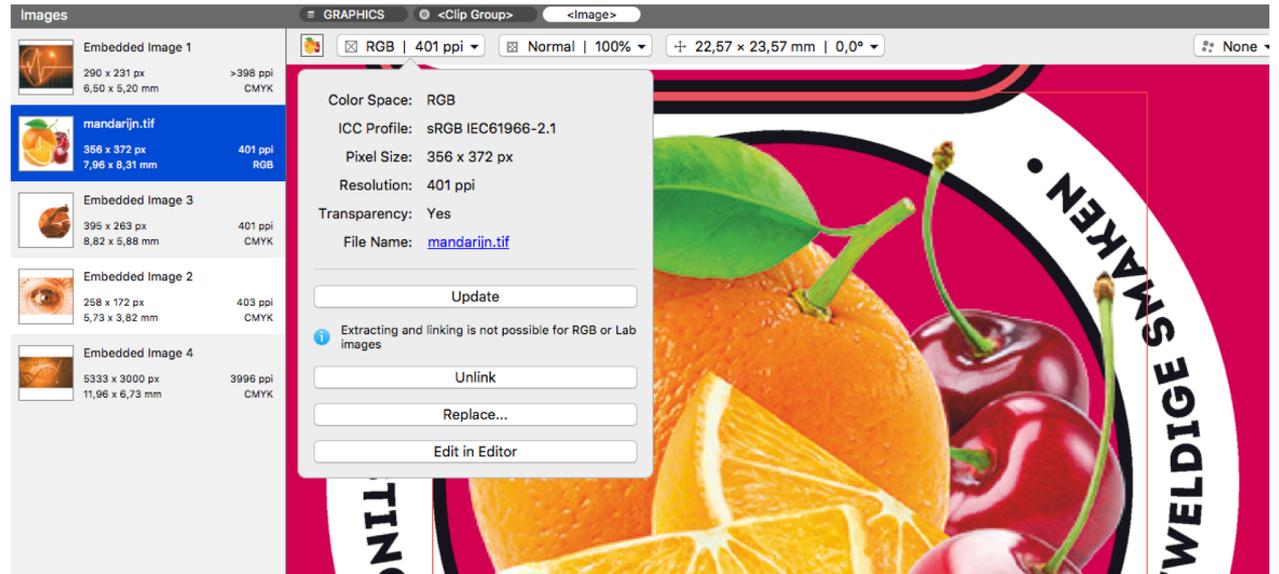
Cut Path Tool

- A new Cut Path tool was added to cut selected paths on the position you click
- A circle indicator shows where the path will be cut
- The tool snaps to intersections with other paths or with the crosshair. Hold the ALT key to disable the magnetism



RGB and LAB images support

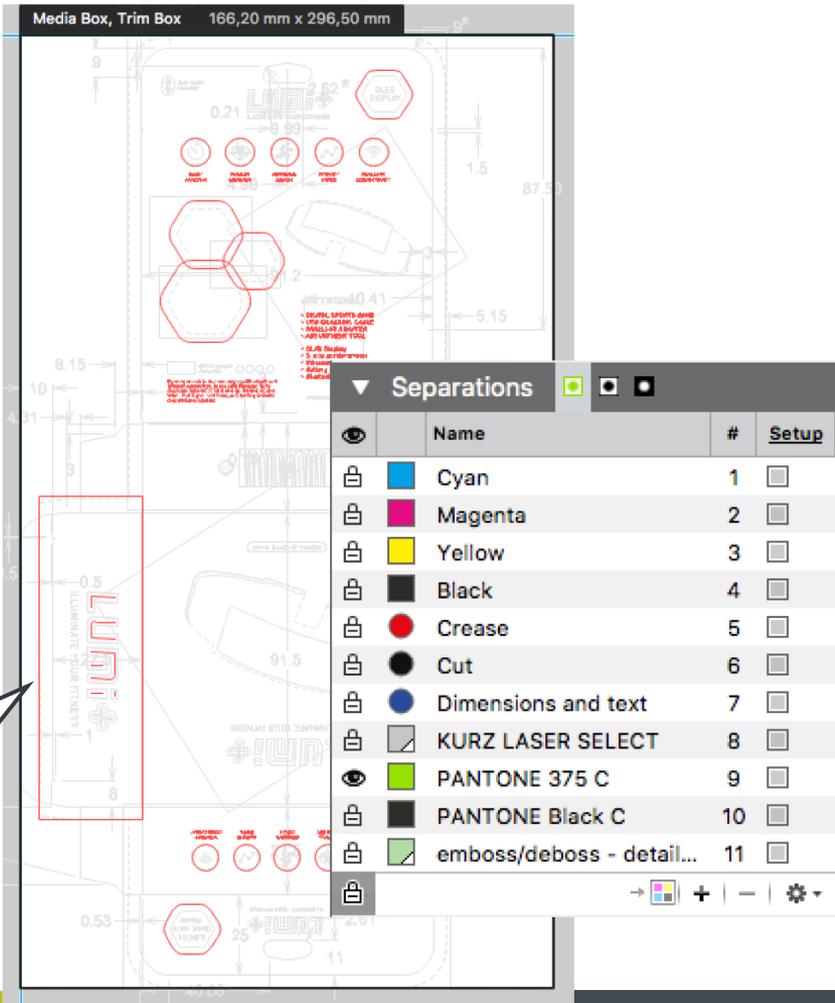
- RGB and LAB images can now be opened and placed in ArtPro+ while honoring the embedded profile
- Modifications in Photoshop can be done using the Edit in Editor button, the image will be updated accordingly



Lock objects not using visible separations

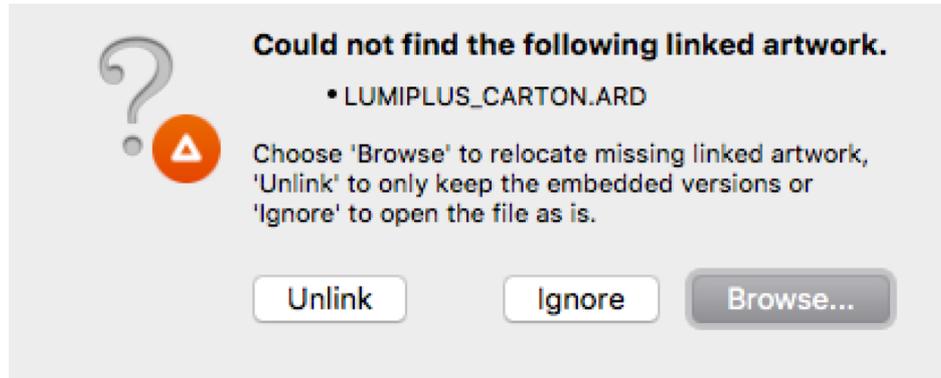
- When inspecting separations, you now have the ability to automatically lock objects that are not using any of the visible separations
- This can be handy to single out separations and check which objects are using that separation. All other objects will be locked (dimmed)

A select all only selects the objects using the currently visible separations.



Check linked artwork on open

- When a PDF+ with missing linked artwork is opened, a sheet is presented with options
 - to unlink: keeps the embedded version and removes the link
 - to ignore: opens the file as is
 - to browse: relink to the new location/name of the missing artwork
- This now also works for structural designs (ARD)



Miscellaneous

- Pop-up warnings for barcodes
 - When an invalid barcode is entered, ArtPro+ is often able to accept the newly entered barcode but makes corrections
 - To make it clearer that such a correction was done and avoid accidental wrong output, those messages are now offered in a modal dialog, which the user has to click away to continue
- To merge a separation with another one in the Separation list, drag and drop while holding the SHIFT key to avoid accidental merging (in version 16, there was no need to press any key)

ArtPro+ 18.0.1

What's new

Frank Woltering

Product Manager PDF Editors

November 2018

Text recognition

- You can now make text corrections to any text, if it is outlined you can convert it to editable text by using the “Convert outlines to text” function in the Object menu under Path or Text
- How does it work?
 - Select a line or block of contourized text and choose to convert outlines to text
 - For better results, enter the rotation and language of the outlines and click convert
 - Tip: use the crosshair to measure the rotation angle
 - In the converted text box, use the “Hold to View Original” option or Compare Quality Control filter to compare the text to the original outlines
 - Do some character corrections for characters that were incorrectly recognized
 - You can also do font corrections: in the Text inspector, the best matching fonts are listed at the top
 - Click Accept so the converted text box turns into a regular text box, now any text change is possible. The outlines are now removed.

Improved automatic trapping

- The trapping direction is now kept more consistent for a better visual overall result of the trap suggestions so fewer manual changes are needed afterwards



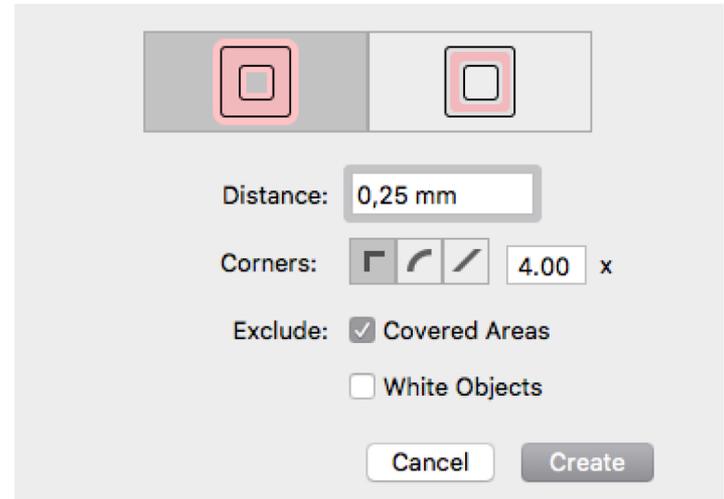
ArtPro+ 18



ArtPro+ 18.0.1

White Underprint

- A new function is added which allows you to easily create white underprint objects for printing on transparent or metallic materials
- How does it work?
 - Select the objects that require white underprint
 - Click Prepress, White Underprint...
 - Choose to spread or choke and click Create
 - Objects are created in a White Underprint layer using an “Opaque White” separation
 - Objects can be added or subtracted (to make holes) to an existing white underprint layer



Barcode properties from Automation Engine

- You can now link barcode parameters from a Job setup on Automation Engine (AE)
- The header of an opened document displays the name of the AE job it resides in
- The Barcode Type inspector has a new button "Get Properties from Job Setup"
- A type of barcode which has properties specified on the Job Setup will be indicated by a red AE icon. To link the barcode to the parameters of the Job Setup, click the "Get Properties from Job Setup" button. The icon will become green & the button will change into the information "Using Properties from Job Setup"
- The Barcode Code inspector and the Barcode inspector will now display a green AE icon next to all linked values, these can't be edited
- NOTE: If the parameters have been modified in the AE Job Setup, the button will reappear and an error message: "Mismatched Barcode" is displayed in the Messages drawer. After clicking the button again, the new parameters from AE will be used

Laetus Pharma Barcode

- We now support Laetus Pharma barcodes in a regular and miniature variant
- The code can have binary or decimal input



Dynamic Marks: Job parameters

- When your file resides in an Automation Engine job, you can add Server variables in text marks
- We have extended the list of server variables in this release
 - Job Barcodes are now available as a new category
 - Job parameters are now available, visible under the “Job” category

PDF Action Lists extensions

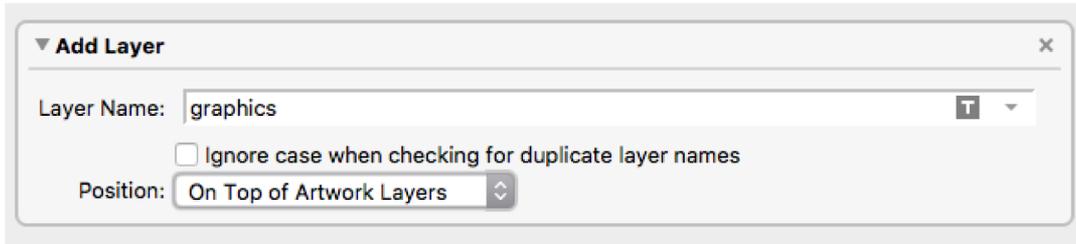
- An “ignore case” option has been added to several existing actions
 - Select Separation/ Layer by Name
 - Rename Separations/ Layers with Wildcards
 - Add Layer
- Multiple names can be entered via comma separated lists in following actions
 - Select Separation/ Layer by Name

▼ **Select Layer by Name** ×

Layer Name: T ▼ Ignore Case

PDF Action Lists extensions

- The “Add layer” action has an option to choose the position of the added layer



- The “Set Page Box size by Content” action has new options to fit horizontally, vertically or both directions
- You can now expand/ collapse all actions in the Action List Editor and Step Through mode by clicking ALT
- You can now use the Return key to run the selected action List
- An additional field is now available to enter a Description of the action List

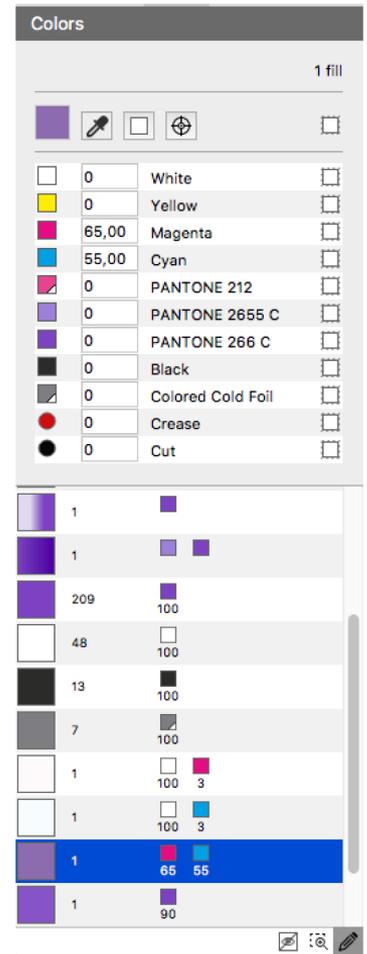
New PDF Action Lists

Following PDF actions lists have been added in this release:

- Reorder Separations
- Add White Underprint
- Subtract White Underprint
- Rename Layer with wildcards
- Remove Page Box

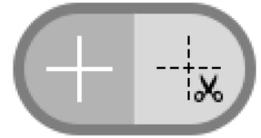
Edit flat colors in Colors list

- You can now edit colors via the integrated Color Inspector in the Colors list by selecting color patches and clicking the pencil icon
- Editing gradients is not yet supported in this version



Cut on Crosshair

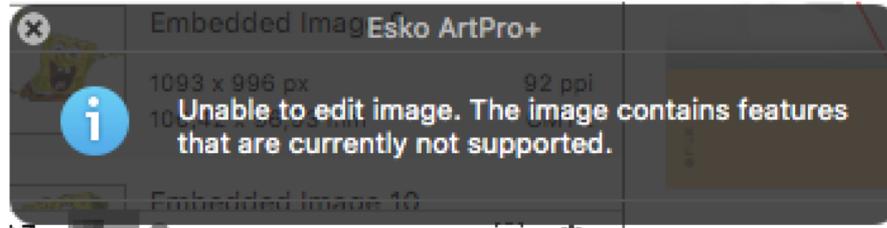
- You can now cut away parts of selected objects based on the position of the crosshair
- How does it work?
 - Make a selection of objects you want to cut
 - Position the crosshair
 - Click “R” twice to enable the Cut on Crosshair tool
 - Click each quadrant you want to cut or click-drag over multiple quadrants
 - When holding the ALT key, you invert the process and click or drag over the quadrants that should be kept
 - Clip groups will be created for the selected objects you cut away. You can always edit the clipping paths afterwards



Cut on Crosshair (R)

More support for editing embedded images

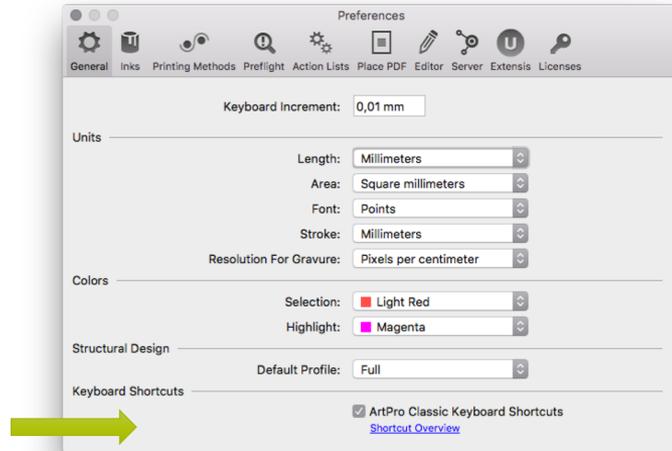
- In ArtPro+ 18, not all embedded images can be edited due to unsupported features in Adobe Photoshop



- In this version, it is now possible to open and edit more embedded images in Adobe Photoshop, in particular
 - Images with missing CMY or K channels and transparency
 - Monochrome images with transparency
- After modifying and saving in Adobe Photoshop, the embedded image will be updated in ArtPro+

ArtPro Shortcuts

- There is a new option in the preferences to switch to ArtPro classic shortcuts
- A link is available giving an overview of which shortcuts are switched



The image shows a dark-themed dialog box titled 'ARTPRO+ SHORTCUTS' with the subtitle 'Which shortcuts are switched?'. It contains a table with three columns: 'Menu Item', 'ArtPro+ Shortcut', and 'ArtPro Classic Shortcut'. The table lists various menu items and their corresponding shortcuts in both systems. The ESKO logo is visible in the bottom right corner.

Menu Item	ArtPro+ Shortcut	ArtPro Classic Shortcut
Launch Workflow...	⌘L	⌘⇧L
Page Boxes Setup...	⌘⇧P	⌘⇧J
Paste In Front	⇧F	⌘⇧F
Paste In Back	⇧⇧F	⌘⇧⇧F
Transform...	⇧⇧M	⇧L
Group	⇧G	⇧⇧G
Ungroup	⇧⇧G	⇧⇧⇧U
Lock	⇧2	⇧7
Unlock All	⌘⇧2	⇧8
Show All	⌘⇧3	⇧4
Compound - Make	⇧9	⇧G
Compound - Release	⌘⇧9	⇧U
Clipping Mask - Make	⇧7	⇧2
Clipping Mask - Release	⌘⇧7	⌘⇧2
Spread/Choke...	⇧T	⇧0
Select...	⇧U	⌘⇧U
Fit In Window / Previous	⇧0	⇧F
Zoom to Selection / Previous	⌘⇧0	⇧⇧F

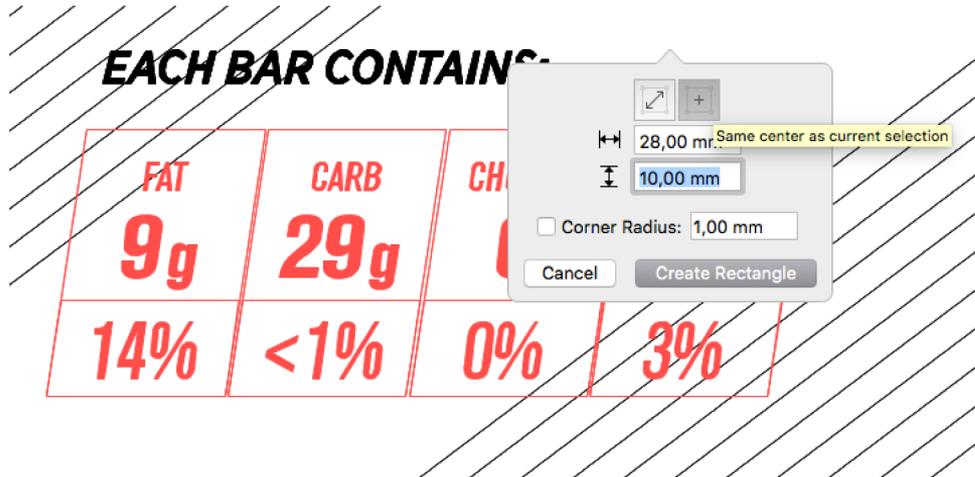
Colored Page Boxes

- Page Boxes are now shown in different colored contours, making it easier to quickly identify which page boxes are set
- Objects outside the Crop Box now remain visible but dimmed



Create Rectangle/ Ellipse Tool

- A new “Same center as current selection” button in the Create Rectangle/ Ellipse tool allows you to create a shape at the same center position of the current selection with a different size



Smaller keyboard increment

- In Preferences, it is now possible to enter a lower value for the General Preference “Keyboard Increment”
- Any value above 0 can be entered; the value will be displayed with the least amount of additional decimals needed (small values will never be displayed as 0)

ESKO 