

PitStop 25.07

What's new?



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Introduction

Welcome to the “What’s new” document for PitStop Pro and PitStop Server 25.07.

This document offers a comprehensive overview of the latest version, emphasizing key enhancements and new features. The 25.07 release brings:

- **New Actions:**
 - Copy/paste attributes from a selection A to a new selection B
 - Split lines in segments
 - Remove concealed segments from line art
 - Select spot color based on its alternate color space values
 - Optimize stream compression
 - Make TrueType fonts compliant to a PDF standard
- **UX/UI**
 - A “Reveal in finder” menu now opens the folder where the resource is currently saved
 - When creating a new color or creating a new resource from a default one, a dialog will now open and let users decide where to save this new element
 - Embedded resources (ex: Action Lists inside a Preflight Profile) can now be saved directly to a specific folder, thus avoiding to export/import the Action List
 - It’s possible to draw perfect horizontal or vertical paths holding the shift key
- **Improvements:**
 - You can now add multiline texts to a document when using “Add object – text”
 - Check for corrupt images now reports images with insufficient data
 - You can add ZIP compression on top of JPEG when changing images’ compression for even more size reduction
 - The Minimize File Size 3.0 default Action List no longer resamples 1bit images preventing unexpected results
- A new Action: “Minimize File Size 4.0”
- Bug fixes

There are many ways that you can get more information and training about PitStop.

If you wish to register for our monthly PitStop training workshops you can do so by selecting the following link.

<https://www.enfocus.com/en/events/monthly-pitstop-pro-workshops>

If you would like to join the Official PitStop user group on LinkedIn, you can do so here.

<https://www.linkedin.com/groups/6801080/>

If you would like to access the PitStop sessions on our Enfocus eLearning platform you can do so here:

<https://www.enfocus.com/en/learn>

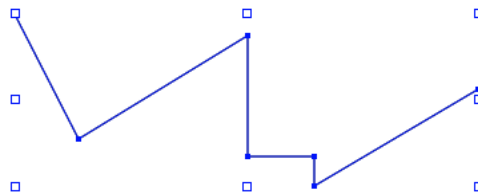
We hope you find the new functionality useful and that PitStop continues to be an essential part of your daily PDF production workflow.



What's new

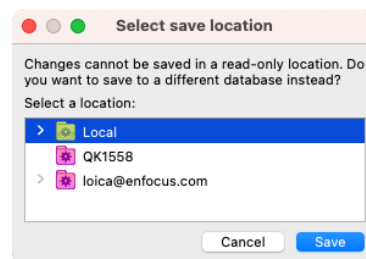
Draw vertical/horizontal paths

It is now possible to draw vertical or horizontal lines by holding the shift key when drawing a path.



Select a folder when creating a new resource

When creating a new resource from either a default location, the color picker or from a Global Change, you will now be asked to choose the destination of this resource. That will permit to target any folder including a cloud folder.

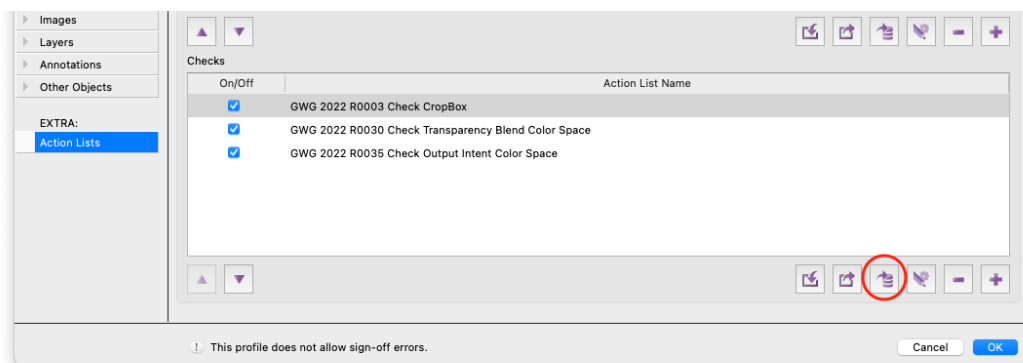


Note that this dialog will not appear if you create a resource from a local or a cloud folder. It will simply be added at this location.



Save embedded resources to a database

It is possible to create Action Lists from within a Preflight Profile. However, it was only possible to export that resource and re-import it if you wanted to use that Action List outside of the Preflight Profile.



Now, you can simply save a resource to the location of your choice. It then becomes immediately available! Note that it will display the same popup for choosing where the resource will be saved as explained before.



Copy/Paste Selection attributes

This new feature comes with two Actions. One is used to take a “snapshot” of the selection’s attributes. The other is used to apply those attributes to a new selection. This is particularly useful if you need to apply any attributes from a selection A to a selection B in an agnostic way.

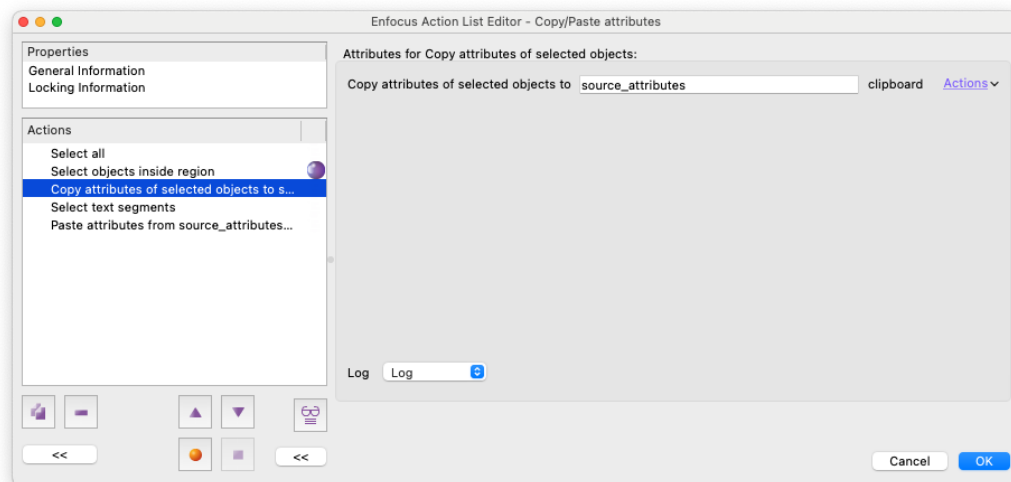
For example, consider the following text object:

I am source text

And here is another text object:

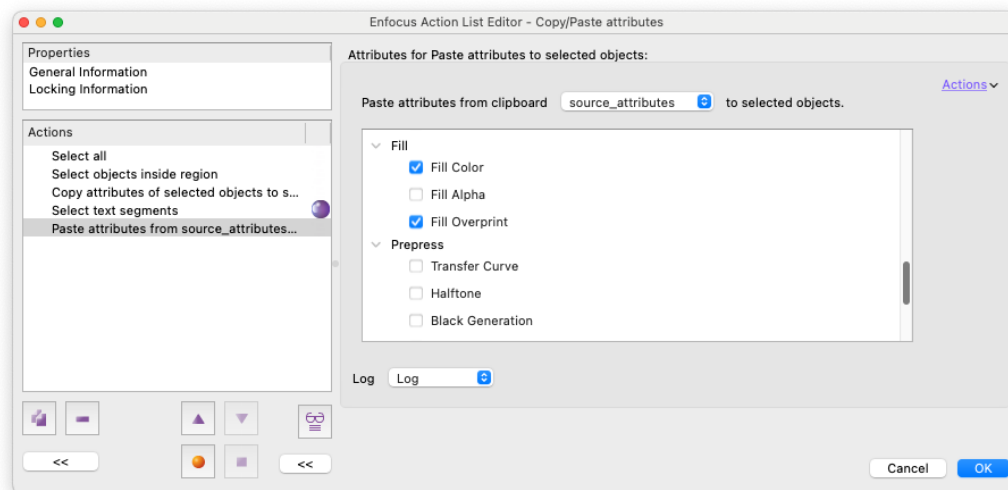
I am target text

Those two objects differ in many ways (fill color, font size, font). Now, let’s select the source text (in green) and copy its attributes:





Next, let's select the target text in black. We want to apply some of the attributes of the source text to the target text but not all of them:



If multiple “snapshots” were taken, you can select which clipboard should be considered. And then, you can decide which attributes should be re-applied. Here we want to re-apply the font size and the fill color. However, we are not re-applying the used font.

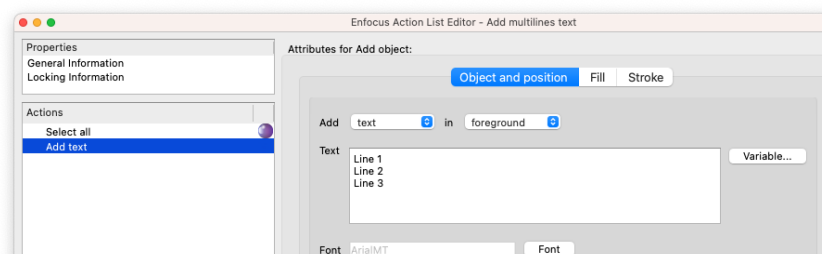
I am target text

The target text now has the same color and font size from the source. However, the font was not changed as requested.

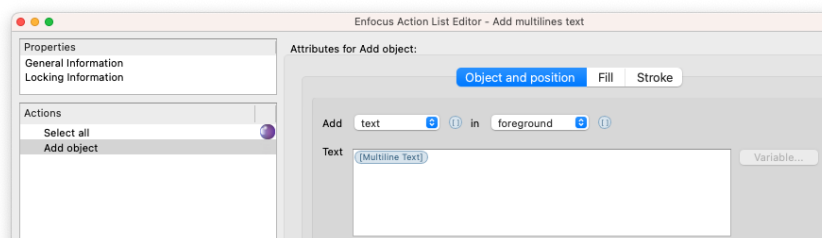


Add multiline text

In PitStop 25.07, you can now add multiline text. Previously, adding a text would result in a single line of text. Now you can add carriage returns into the text field:



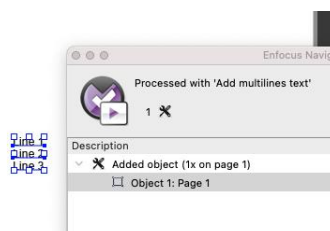
It is also possible to use a Smart variable than contains several lines.



For example, if the Smart Variable contains the following text:

“Line 1
Line 2
Line 3”

This will display as such on the document:



Note that the lines are not geometrically constrained. A lengthy line of text may still go beyond the limit of the page.

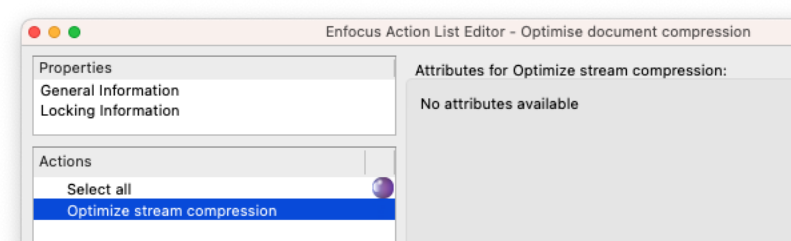


Compression optimisation

The following actions are either new or improved with the intention to reach better compression results. Keep in mind that compression results always rely on the source document and whether it can be improved. If ever you have a fully optimised document, you may find no improvements at all. However, it's likely that most PDFs can receive improvements thanks to the following Actions.

Optimize content streams

This Action will Optimize the PDF document by ensuring that all streams are efficiently compressed. This should help achieving more file size reduction in many cases. However, results will vary based on the input document and if ever that document was already Optimized.



Below is a 45p catalogue. Before optimisation, the file size is 8.05MB. After, it went down to 7.93MB. It may seem a small reduction but again, the optimisation will depend on the source document and how it was already Optimized or not.



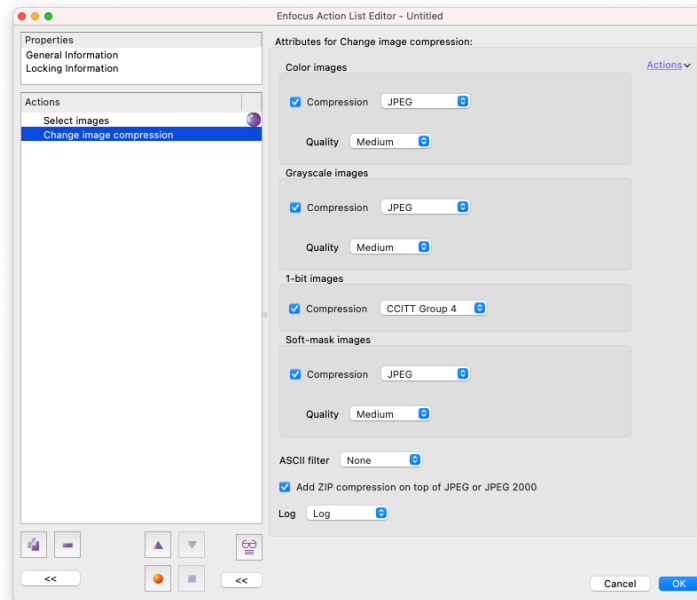
Advanced	
PDF Producer:	Adobe PDF Library 17.0
PDF Version:	1.4 (Acrobat 5.x)
Location:	/Users/loai/Downloads/
File Size:	8,05 MB (8.446.227 Bytes)
Page Size:	279,4 x 215,9 mm
Tagged PDF:	Yes

Advanced	
PDF Producer:	Adobe PDF Library 17.0
PDF Version:	1.6 (Acrobat 7.x)
Location:	/Users/loai/Downloads/
File Size:	7,93 MB (8.311.507 Bytes)
Page Size:	279,4 x 215,9 mm
Tagged PDF:	Yes



Change Image compression

This action allows to change the image compression to any compression algorithm. If you choose either JPEG or JPEG2000, you have an additional option for adding ZIP compression on top of JPEG compression to save a bit more space.



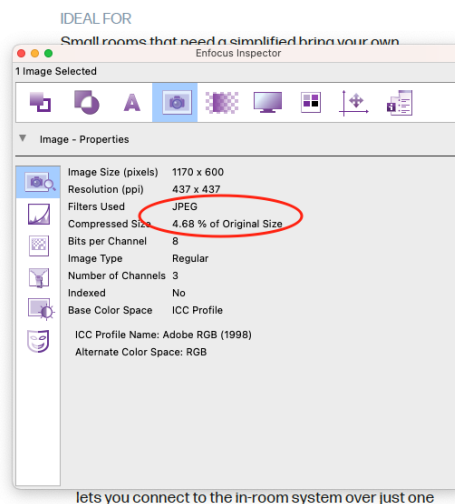
Look at the following image:

IDEAL FOR
Small rooms that need an easy-to-use USB
video bar.



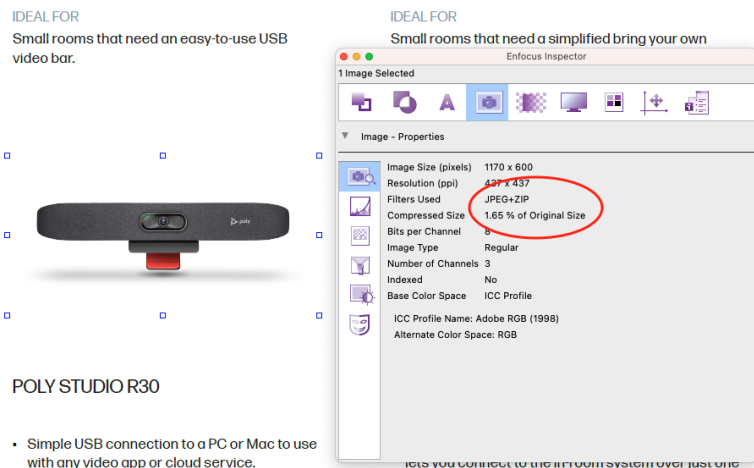
POLY STUDIO R30

- Simple USB connection to a PC or Mac to use with any video app or cloud service.

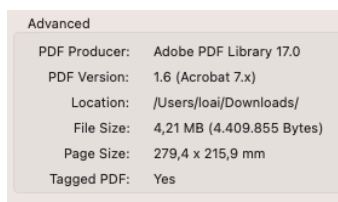




Let's now add ZIP compression on top of the JPEG compression:

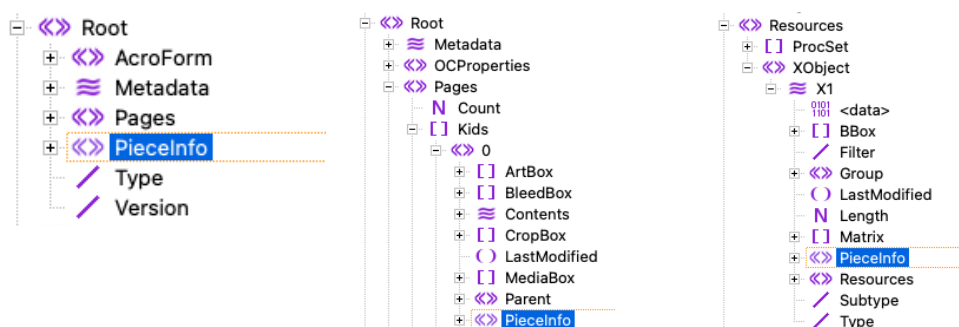


Notice the nice size reduction from ~4.7% to 1.65%. When applied to all images on the 45p catalogue file, the global file size reduction is quite efficient, dividing size by 2!



Remove more PieceInfo

Removing PieceInfo metadata is present in PitStop for several versions. However, we extended the removal of those data whenever they are found at the document level, the page level or at Form XObject level.

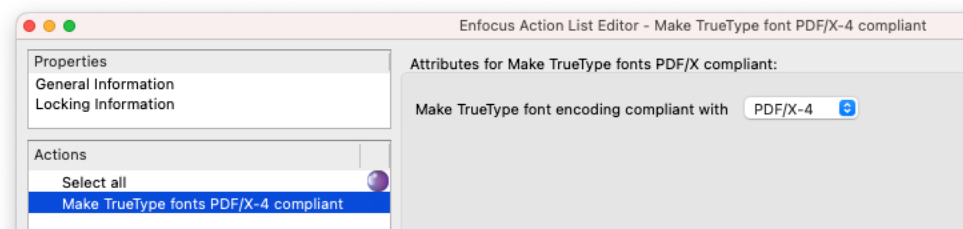


That will ensure that file size gets efficiently reduced when asking for PieceInfo metadata removal.



Make TrueType fonts compliant

When running Preflight Profiles such as PDF/X-4, an error may appear that a TrueType font is not [PDF Standard] compliant. Before, there was simply no means to fix this error in PitStop but it is now possible as of 25.07 thanks to the new Action "Make TrueType font compliant."

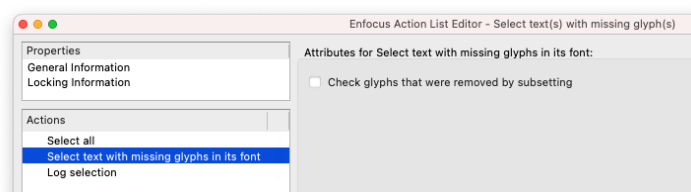


Simply select the PDF Standard of your choice and run the Action to fix this issue.

Note that this fix has been added to all default Preflight Profiles that relate to a PDF Standard (PDF/X-4...). That way, if you ask PitStop to do a Preflight and apply fixes automatically, you should see the fix and no longer the error.

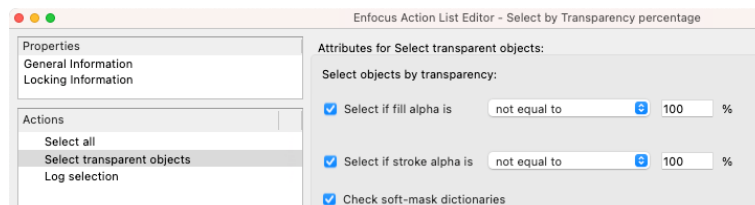
Select texts with missing glyphs in its font

This Action will help detecting issues with texts using fonts where some glyphs are missing.



Select transparent objects per _alpha_ level

It is now possible to not only select transparent objects but also to restrict that selection based on the transparency level.

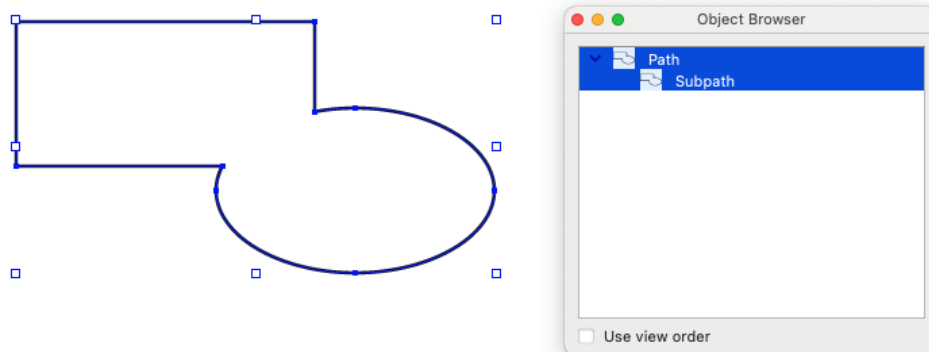


This will allow to detect only 0% alpha objects or objects where transparency is below a certain level.

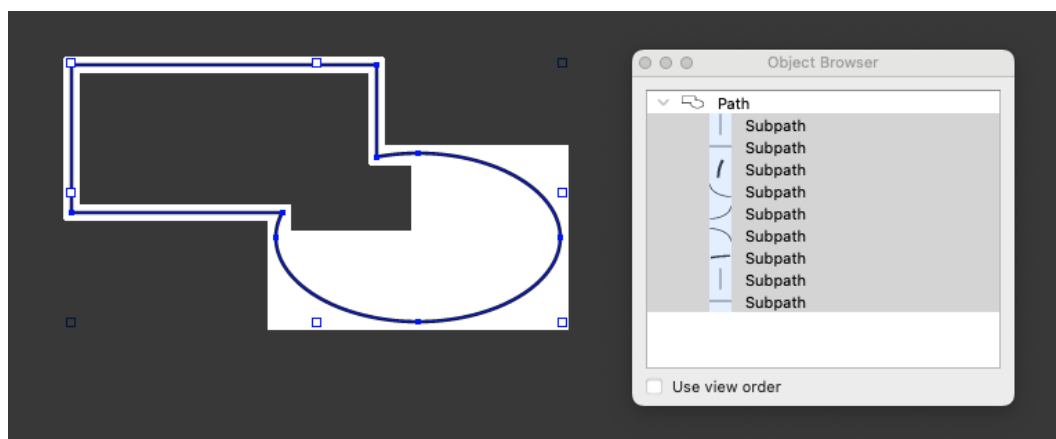


Split lines in segments

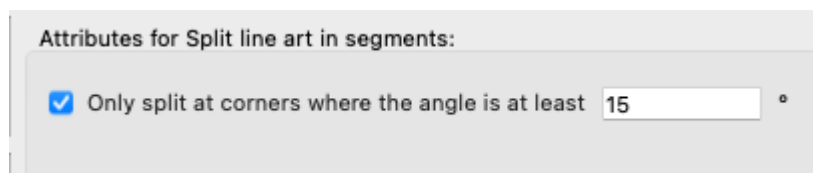
This action allows to break apart a line into many segments. For example, take the following shape:

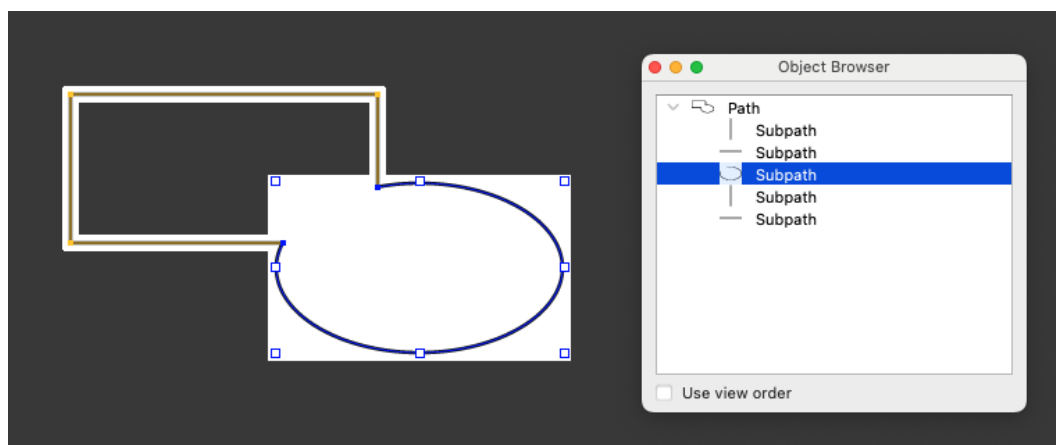


Once the action is used, the path now consists of many subpaths:



It's also possible to "not" split segments when the angle is inferior to a certain value. For example, if we limit here the angle to 15°, see how only the segments where angle is higher get split:

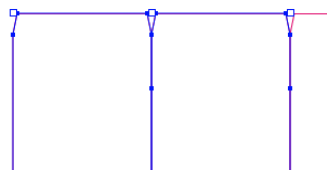




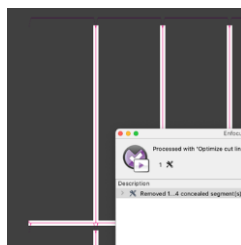
Remove concealed segments from line art

This action is convenient for optimizing cut lines because detecting and deleting duplicate lines is a critical process for digital cutting and die-cutting preparation.

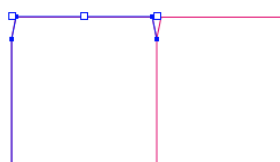
Look at the following paths. They have overlap and as such would result in a double cut.



When combined as described before, you can eliminate those duplicates.



See how the selected shape now no longer has an overlapping path.



Note that a requirement is a full overlap of the “double” lines. If the underlying line is longer or the two lines slightly misaligned, then the removal will fail.

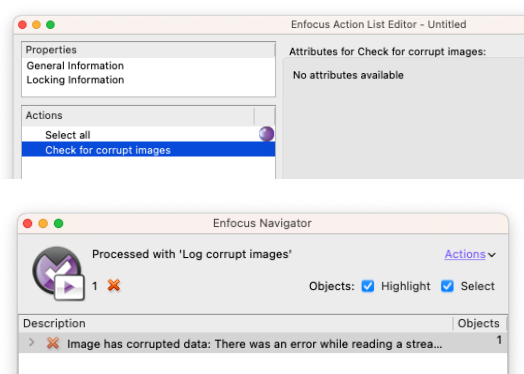


Check for corrupt images

When opening some documents, Acrobat may warn the user for issues with an image. A typical message is that the image does not have enough data.

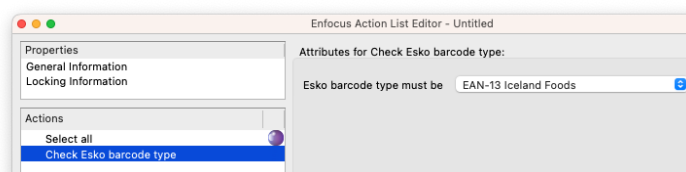


When it comes to PitStop Server, such issue was not always reported. The Action “Check for corrupt images” was improved to better log those and prevent later ripping issues.



Select and Check for Esko Icelandic barcodes

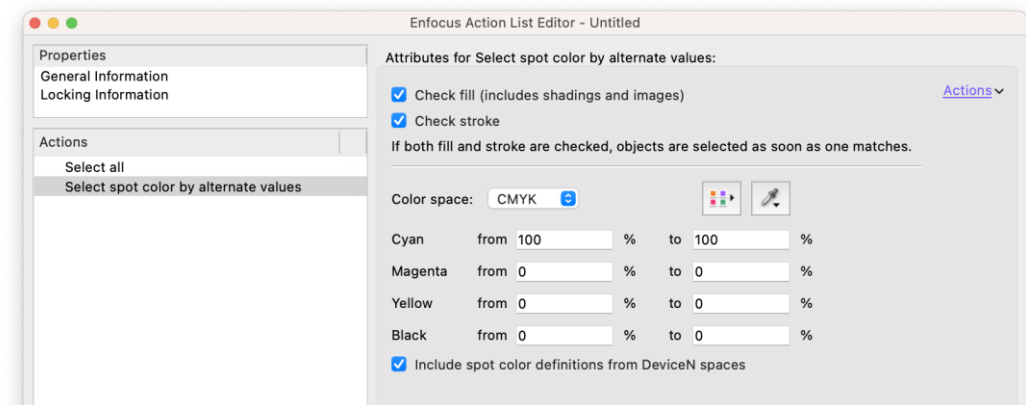
It is now possible to select and check for Esko Icelandic barcodes.





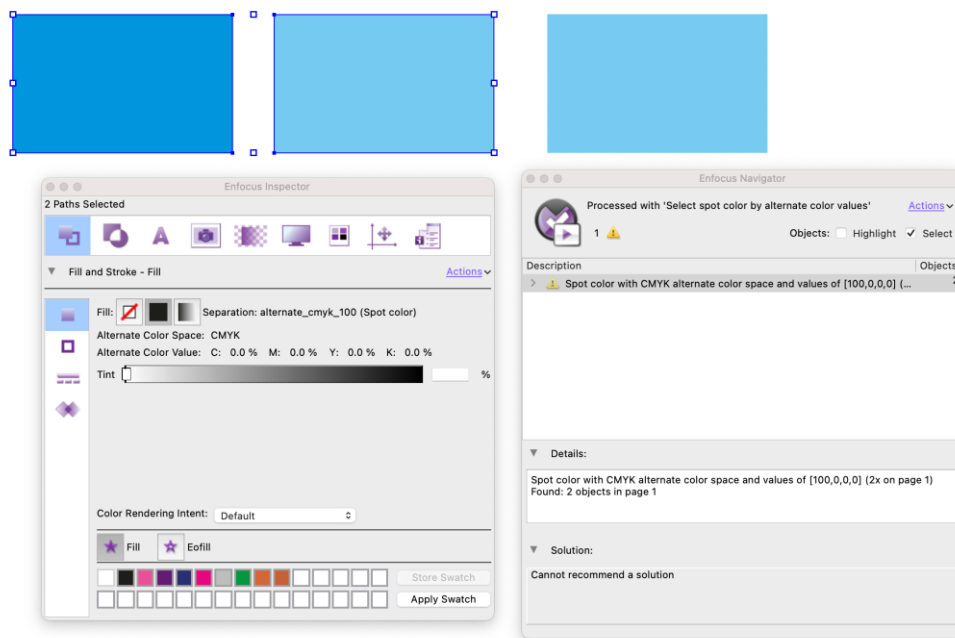
Select spot color based on alternate values

It is now possible to select spot based on their alternate values. Simply define the alternate color space and set values. It's also possible to use the "grab" tool for getting values from an existing selection.

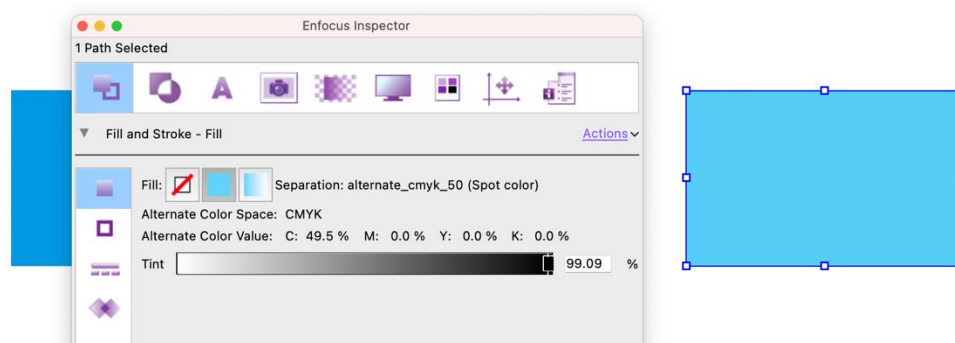




Note that values are expected to be a 100% tint value of the alternate color. For example, a spot color with a CMYK alternate color space of value [100,0,0,0] will look at any tint value of this color. Therefore, the two objects at the centre and on the left are selected because they match the requirement.



However, the object on the right is not considered because its spot color used a CMYK alternate color space but with different color values [50,0,0,0]. While looking identical, they are not considered as such.



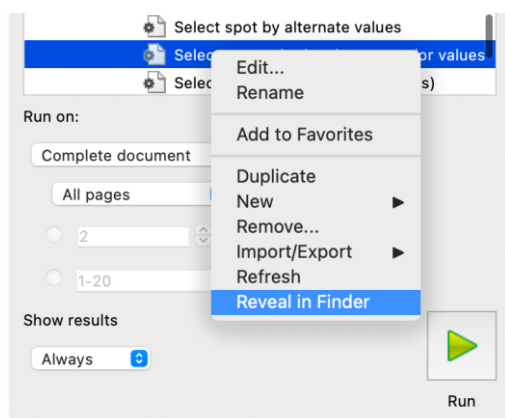


Embed CMap of Type0 CID fonts

The Action “Embed font” now adds the adds the option to NOT embed the CMap for supporting some PDF viewers that can have issues with embedded cmap’s.”

Reveal in Finder

It is now possible to quickly locate a resource using the new “Reveal in Finder” contextual menu.



Note that this menu will only be enabled for local resources, not default resources. If you want to copy or share a default resource, we encourage you to either create a new version in your local folder or export it to your drive.



New default Action List

A new default Action List has been added to PitStop 25.07

Repurposing

- **Minimize File Size 4.0**

This new version of the Minimize File Size Action Lists uses the new "Optimize stream compression" instead of the fixed image compression. This should improve the file size reduction of files compared to the previous "Minimize File Size 3.0" Action List.



Bug Fixes

Issue	Product	Summary
ENFP-12397	PitStop Pro	Color Picker freezing when searching for 'pr...'
ENFP-12498	PitStop Pro	Variablesset failing after upgrade to 25.03
ENFP-12515	PitStop Pro	Embed subset does not show embedded subset characters in a browser viewer
ENFP-12516	PitStop Pro	Acrobat crashes when executing this Action List
ENFP-12366	PitStop Pro	PitStop Pro won't launch with most recent Acrobat update (2024.005.20393) on Mac
ENFP-12381	PitStop	Shadings starting/ending with black or gray get converted to grey completely when calling “If it looks black, make it black”