



PLC 2445

Release notes



Contents

What's new:	3
Reference in Messages and Reports	3
Messages	3
XML	3
JSON	3
PitStop 24.11 Library	4
New Actions	4
Add separation pages to document	4
Add pages with extracted content to document	5
Flattening Library Updated	7
Pantone V5 libraries	7
Support for variables in the Rename spot color Action	7
Adjustment for the "Check for transparent objects" action	8
ICC Profiles ID Information	8
PNG/JPG Input	11
Bug Fixes for PitStop 24.11	12



What's new:

Reference in Messages and Reports

The reference value is now displayed in the progress/callback messages and in the Preflight Reports (XML/JSON). This will ease the identification and reusability of this value over the full process.

Example of a request:

```
{  
  "reference": "1234567890",  
  Etc.  
}
```

Messages

You can then see the reference when calling the /progress endpoint (same applies when you ask for a callback [jobStatusURL]).

```
{  
  "currentPage": 0,  
  "fraction": 0.98,  
  "totalPages": 0,  
  "type": "savingPdfReport",  
  "id": "acc7469f-6254-4d19-9f41-233271fe3375",  
  "progress": 98,  
  "time": 22474.79350899998,  
  "reference": "1234567890"  
}
```

This will also be found in JSON and XML Reports:

XML

```
<EnfocusReport>  
  <!--  
    All Report content  
  -->  
  <Reference>1234567890</Reference>  
</EnfocusReport>
```

JSON

```
{  
  // All Report Content  
  "reference": "1234567890"  
}
```



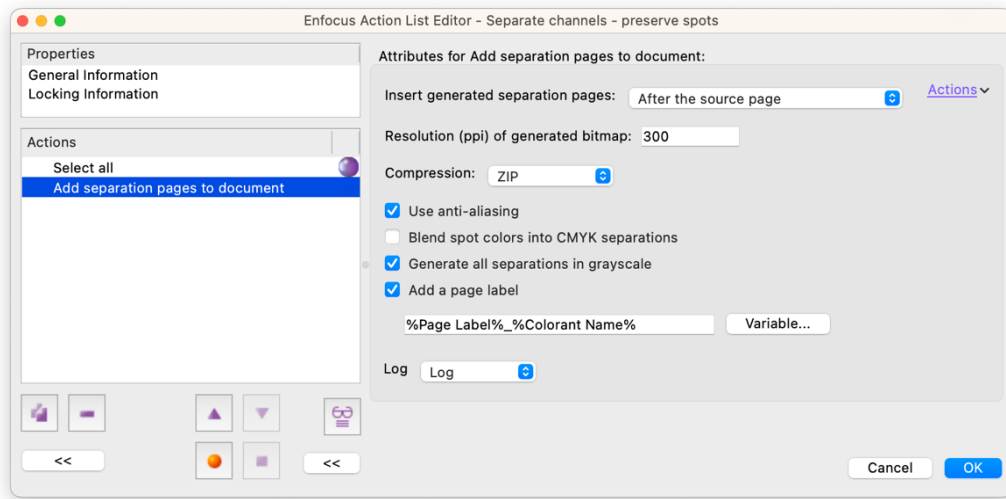
PitStop 24.11 Library

The PLC 2445 release includes the latest PitStop 24.11 library. This PitStop release brings new actions, and several improvements listed hereafter:

New Actions

Add separation pages to document

It is now possible to generate Color Separations and add separated pages to the document. This will be quite handy when you need to get pages separated like in Screen Printing, die engraving or check for print issues.



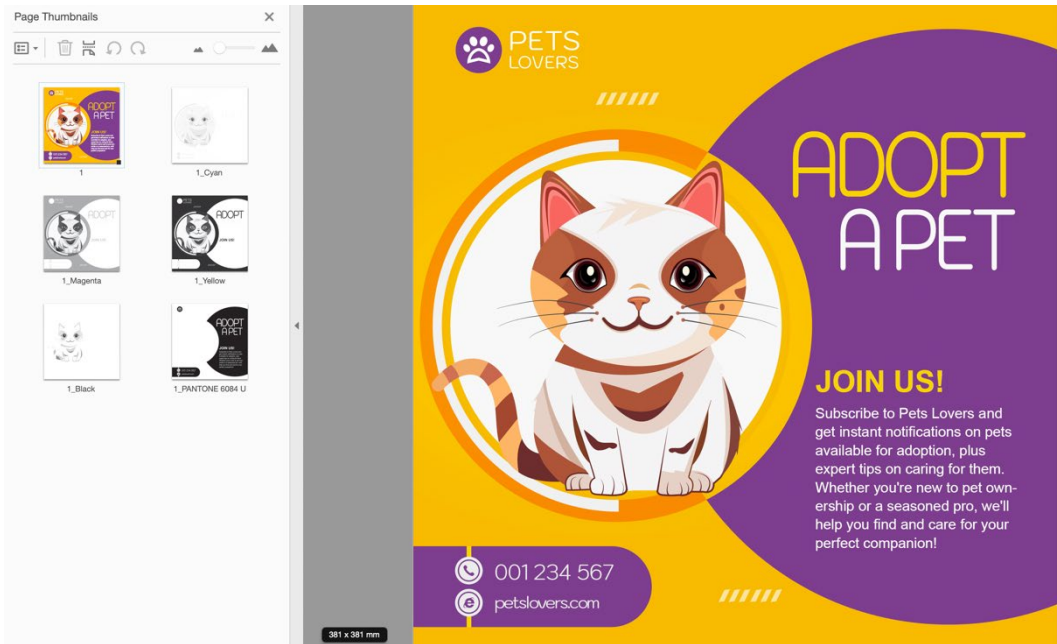
Several options are available such as:

- The added pages' location (after/before source page, beginning/end of document)
- The output resolution
- Image compression (Zip, JPEG, JPEG_2000, None)
- Anti-Aliasing
- Blending Spots to CMYK
- Grayscale or colored separations
- Page Label

NOTE: The source page is always preserved by default. That's because the page may contain RGB or Spot colors that you want to preserve.



Separating pages example:



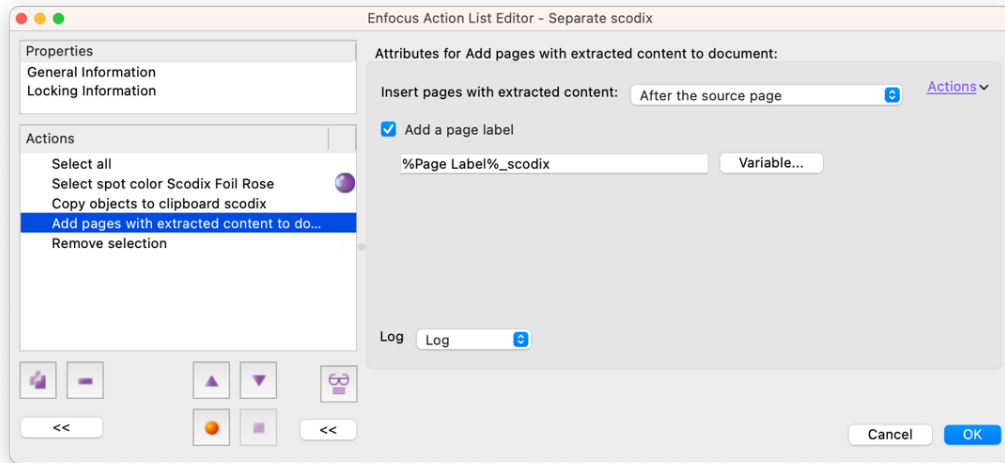
Add pages with extracted content to document

In digital cutting or Embellishment, it's sometimes useful to separate the print content from the technical content as some finishing devices may struggle to RIP complex files. This is why we added this new Action to ease the process of splitting print content and technical content. For example, the following is a wish card where the "blue" represents the "scodix" embellishment (could be Foil, Gold...):





It is now quite easy to separate the technical content (ex: a Foil, a Varnish, a Cut path) from the print content with the new Action:



Several options can be found such as:

- The added page location
- Whether a specific Label should be used

For the label, variables can also be used.

Finally, the pages get "separated"



1



1_scodix

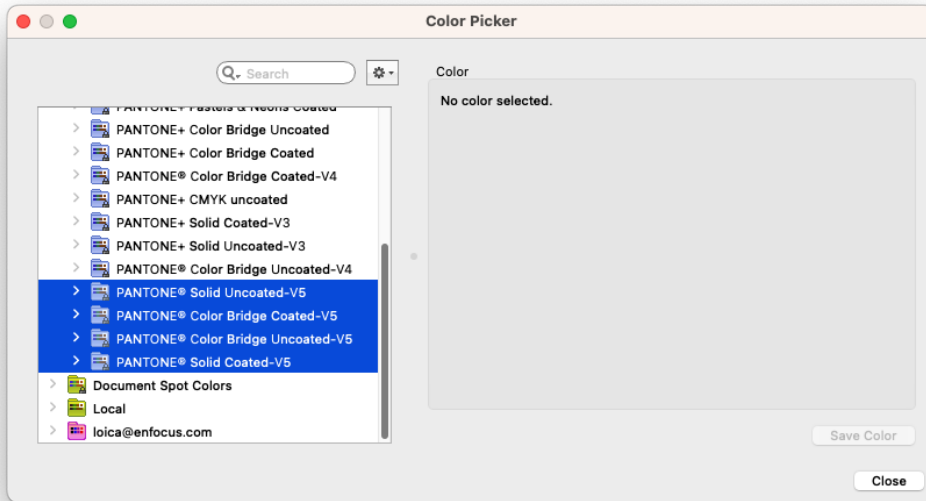


Flattening Library Updated

Our flattening library has been updated to its latest version. This solves some bugs and will ensure higher consistency flattening files with PitStop Server and the PitStop Library.

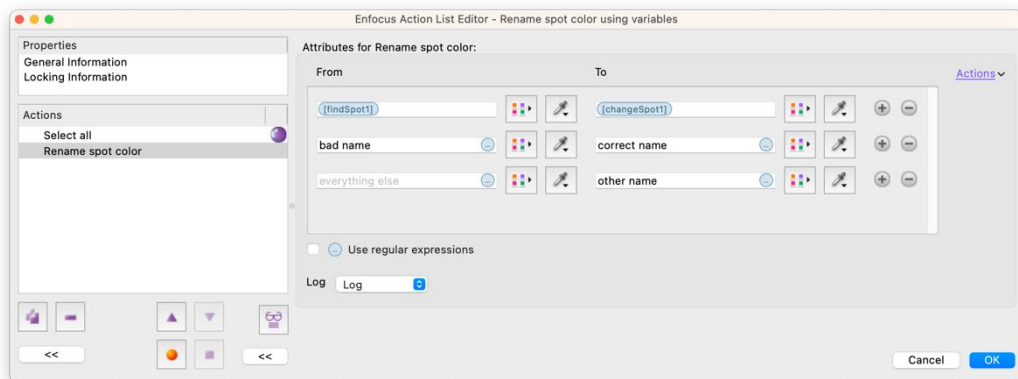
Pantone V5 libraries

PitStop Pro and PitStop Server 24.11 now include version 5 of the Pantone libraries.



Support for variables in the Rename spot color Action

Prior to 24.11, it was not possible to use variables in the "Rename spot color" Action. This is now made possible. For people unfamiliar with this Action, you can search for a spot color with an incorrect name (say "bad name") and rename to the correct name (say "correct name").



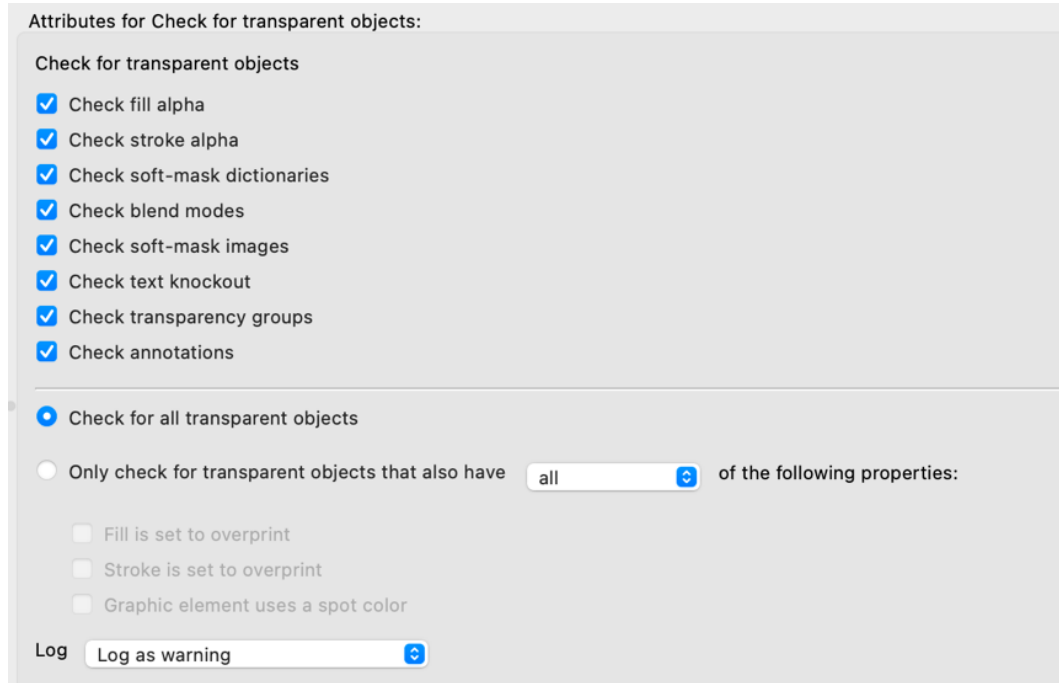
This Action now presents a list where fields can host variables, like in the first row above. There is also the possibility to leave the first field empty and only provide a replacement name. In that case, PitStop would replace any spot that was not considered by other rules and give the appropriate name.

Note that this is completely backwards compatible and does not interfere with any existing Action List built with the previous Action design.



Adjustment for the “Check for transparent objects” action

This existing Action in PitStop now presents the same options as the “Select transparent objects” Action.

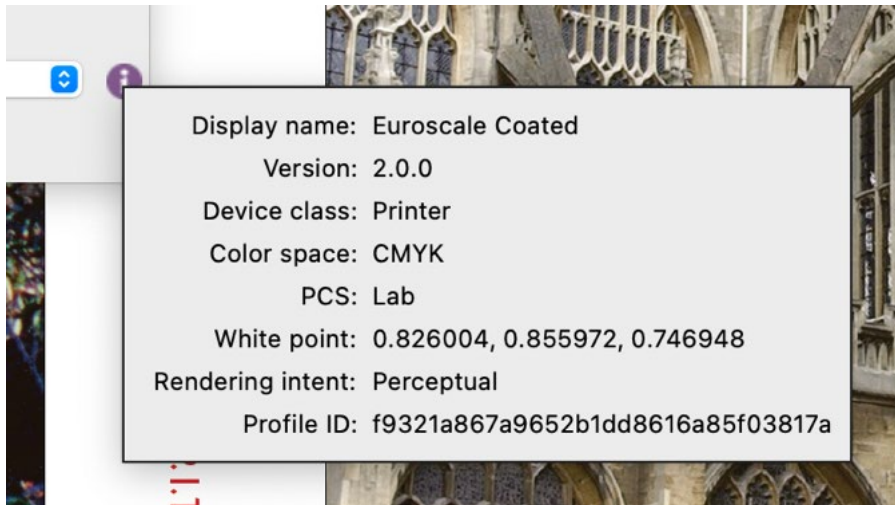


ICC Profiles ID Information

Two ICC Profiles can have the same name, yet be different internally and of course, impact color conversion results. The only true source of authentication is the ICC Profile ID. However, this information is not always easily accessible. With PitStop 24.11, you can now see the ICC Profile ID in two ways:

In the Inspector (PitStop Pro)

Select an object tagged with an ICC Profile. Open the Inspector and go to the “Fill and Stroke” tab. If the object is ICC tagged, you can see the ICC profile listed in the “ICC Profile” Dropdown. In that case, a “i” (purple icon) appears next to the right side of the dropdown. Click on the icon to get details, such as the ICC Profile ID:



In Preflight Reports

The ICC Profile ID is also logged in the "Color Information" And "Output Intent Information" chapters of PDF, XML and JSON reports.

Ex: In a PDF Preflight Report:

Item	Value
Color Space	CMYK
Page	1
Color Space	ICC based
Page	1
Range	[0, 1, 0, 1, 0, 1, 0, 1]
ICC Name	Euroscale Coated
ICC Space	CMYK
ICC Profile ID	f9321a867a9652b1dd8616a85f03817a

Ex: In a JSON Report:

```
{  
  "colorInfo": {  
    //   
    {  
      "iccName": "Euroscale Coated",  
      "iccProfileID": "f9321a867a9652b1dd8616a85f03817a",  
      "iccSpace": "DeviceCMYK",  
      "id": "CS2",  
    }  
  }  
}
```

In both cases, getting to know the internal ICC Profile ID is a convenient way to detect if color mismatches could be caused by objects being tagged with the "same" ICC profile, when in fact they are tagged with different profiles but using the same name.



Customization of output precision in PDF Report templates

In 24.11 it is now possible to customize the precision with which floating point numbers are written in PDF Reports. This is done by inserting following optional items in a PDF Report template's .prefs file:

To override the default precision for unit-less floating-point values:

```
"Precision" "1"
```

Will limit the output to max 1 digit after the decimal point

To override the default precision for floating-point values with (measurement) unit:

```
"UnitPrecision" "2"
```

Will limit the output to max 2 digits after the decimal point

These entries can be inserted in the general settings, where they will apply to the whole report

```
"PitStopReport"
```

```
#BEGINDICTION
```

```
...
```

```
"Precision" "3"
```

```
"UnitPrecision" "2"
```

```
...
```

```
#ENDDICTION
```

And/or to specific report chapter setting where they will apply to that chapter only:

```
"PitStopReportPreflightChapter"
```

```
#BEGINDICTION
```

```
...
```

```
"Precision" "-1"
```

```
"UnitPrecision" "3"
```

```
...
```

```
#ENDDICTION
```

A value of -1 means use the built-in precision, which is the one used in 24.07 or older versions.

The "UnitPrecision" setting is the precision for pt units. When the report is generated using other units, the unit precision will be boosted internally depending on the unit:

Unit	Precision boost
pt	0
mm	0
p	1
in	1
cm	1
ft	2
m	3

To create and use Customised Preflight Report templates, please consult the specific documentation:

<https://www.enfocus.com/manuals/Extra/CustomReportTemplate/24/home.html#about.html>



PNG/JPG Input

PitStop Server/Library 24.11 now allows user to process JPG an PNG files natively. Yet this is not implemented in PLC release 2445. It will come in the next 2451 release.



Bug Fixes for PitStop 24.11

Issue	Product	Summary
ENFP-11875	PitStop Pro	Fill to Stroke failing with this file
ENFP-11013	PDFLib	Acrobat SaveAs error "The document could not be saved. There was a problem reading this document (21)." for Enfocus PDFLib created file
ENFP-11904	PitStop Library	PitStop Library crashes / the module EPL_SavePdf causes a signal 11 error
ENFP-11697	PitStop Server	PitStop: PDF Access wrong object type Error
ENFP-11708	Switch App	OperatePDF - error in merging pdfs with different layer settings
ENFP-10808	PitStop Pro	Font Issues
ENFP-11940	PitStop Pro	PitStop Pro: Change in font behavior with v24.07
ENFP-11710	PitStop Pro	Remove irrelevant objects seems to remove too much
ENFP-11987	PitStop Server	XML Ink Report missing pages if same ink coverage exists on previous pages
ENFP-11975	PitStop Server	XML v3 report switches Information and Fixes
ENFP-11494	PitStop Pro	Convert to PDF/X-4 - RGB is used while Output Intent is CMYK
ENFP-12032	PitStop Pro	Inspector not showing correctly
ENFP-11683	PitStop Server	Flattening Issue
ENFP-11742	PitStop Server	Flatten Emoji's
ENFP-12099	PitStop Pro	PitStop Pro does not report a corrupt image
ENFP-11938	PitStop Pro	Is setting black point compensation supposed to work on images?
ENFP-11942	PDFLib	Lossy JPEG2000 compression on small images results in big color differences
ENFP-12007	PitStop Server	PDF2Image: Significant file size increase when saving as TIFF
ENFP-12026	PitStop Pro	Strange results: bleed is removed instead of added
ENFP-11420	PitStop Pro	Using Acrobat Profiles causes hang after v2023.1 release