

ArtPro+ 21.11

What's New

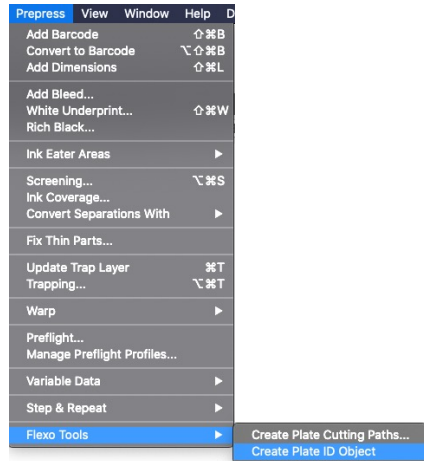
Frank Woltering

Product Manager Graphic Editing

Plate ID: Object



- In combination with Esko Flexo Engine you can inject Plate ID objects that help you digitize and simplify the process of plate identification
- Convert graphics into Plate ID objects to be used as non-printing marking of your flexo plates



Simply select the plates that you want to equip with Plate ID information

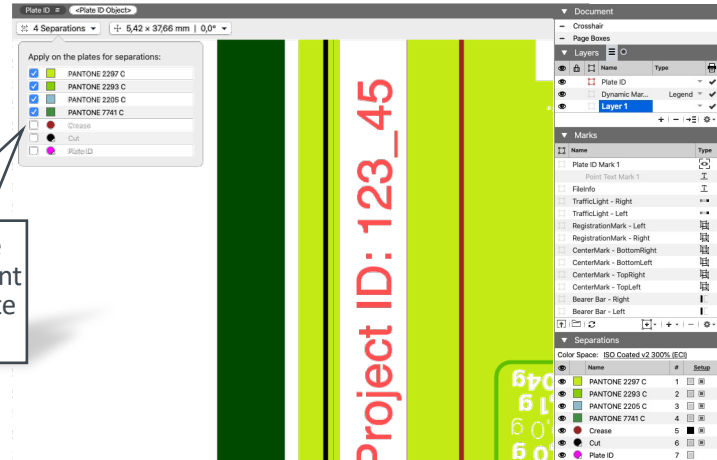
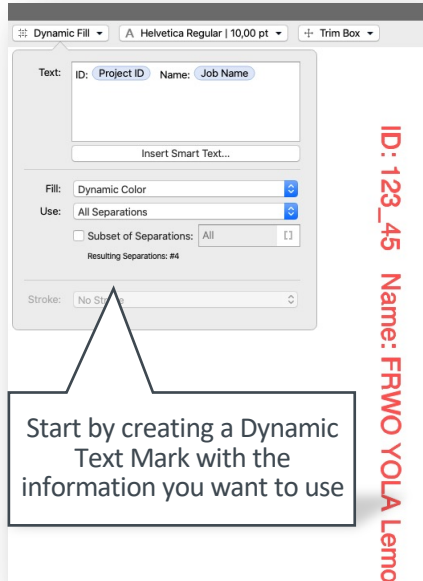


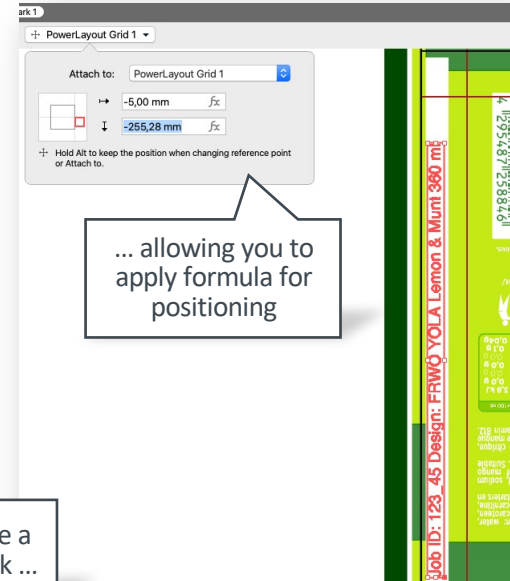
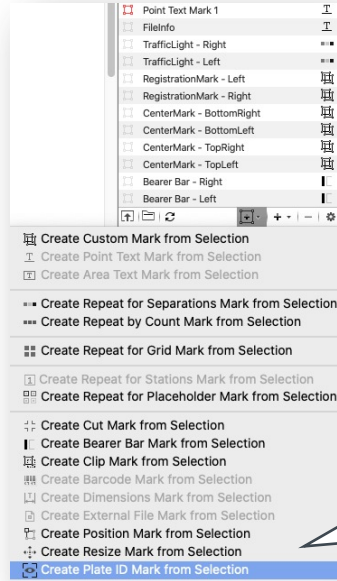
Plate ID: Mark



- You can automate the content and placement of Plate ID information by creating a dynamic Plate ID Mark
- Use the mark interactively or inside your Automation Engine workflow

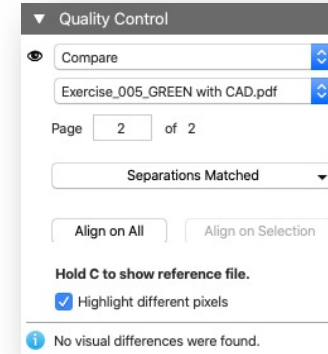
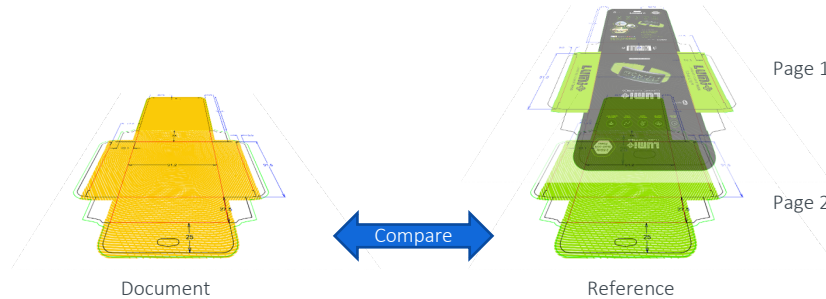


ID: 123_45 Name: FRWO YOLA Lemo



Compare: Multi-Page Support

- When comparing PDF documents, you can now choose the page of the reference file to compare to



Trapping: Optional Overshoot

- For small or thin objects, the trapping engine automatically assesses the visual impact of traps overshooting into adjacent colors. If preferred, you can now turn the automatic overshoot off.



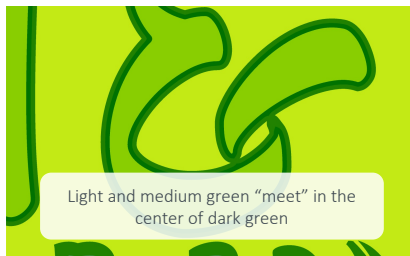
Before Trapping

Overshoot: ☒ Allow overshoot



After Trapping

Overshoot: ☐ Allow overshoot

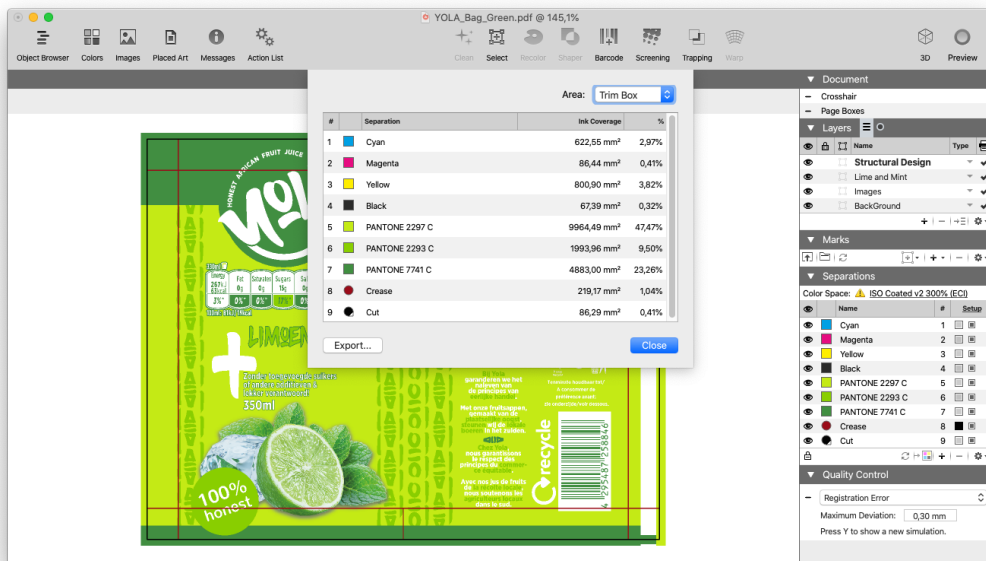


After Trapping (dark green hidden)



Pre-Press: Export Ink Coverage

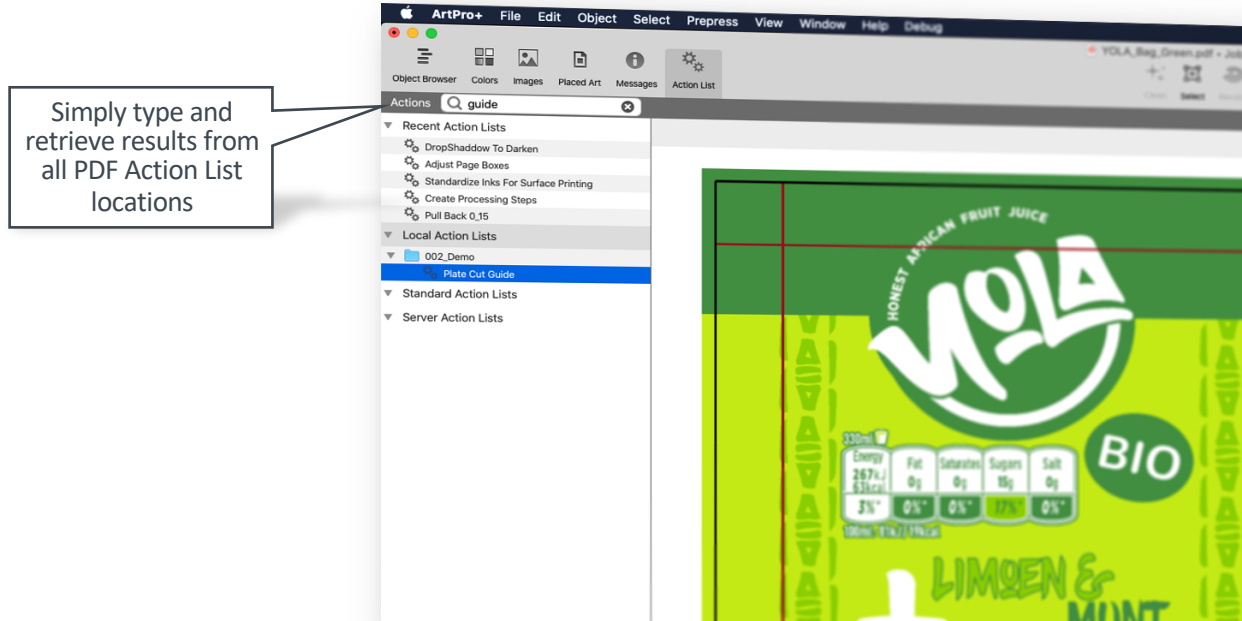
- Ink Coverage information can be exported into an XML file to share it with other parties and systems



```
<?xml version="1.0"?>
<InkCoverage File="YOLA_Bag_Green.pdf" Page="1">
  <Inks>
    <Ink Name="Cyan">
      <Coverage Value="622.5507122" Unit="mm2"/>
      <CoveragePerc Value="2.965647914" Unit="%"/>
    </Ink>
    <Ink Name="Magenta">
      <Coverage Value="86.43814845" Unit="mm2"/>
      <CoveragePerc Value="0.4117658362" Unit="%"/>
    </Ink>
    <Ink Name="Yellow">
      <Coverage Value="800.8956814" Unit="mm2"/>
      <CoveragePerc Value="3.815230727" Unit="%"/>
    </Ink>
    <Ink Name="Black">
      <Coverage Value="67.39018563" Unit="mm2"/>
      <CoveragePerc Value="0.3210269613" Unit="%"/>
    </Ink>
    <Ink Name="PANTONE 2297 C">
      <Coverage Value="9964.487493" Unit="mm2"/>
      <CoveragePerc Value="47.46787846" Unit="%"/>
    </Ink>
    <Ink Name="PANTONE 2293 C">
      <Coverage Value="1993.957192" Unit="mm2"/>
      <CoveragePerc Value="9.498623759" Unit="%"/>
    </Ink>
    <Ink Name="PANTONE 7741 C">
      <Coverage Value="4882.999433" Unit="mm2"/>
      <CoveragePerc Value="23.2611686" Unit="%"/>
    </Ink>
    <Ink Name="Crease">
      <Coverage Value="219.1689455" Unit="mm2"/>
      <CoveragePerc Value="1.044056192" Unit="%"/>
    </Ink>
    <Ink Name="Cut">
      <Coverage Value="86.28710219" Unit="mm2"/>
      <CoveragePerc Value="0.4110462964" Unit="%"/>
    </Ink>
  </Inks>
</InkCoverage>
```

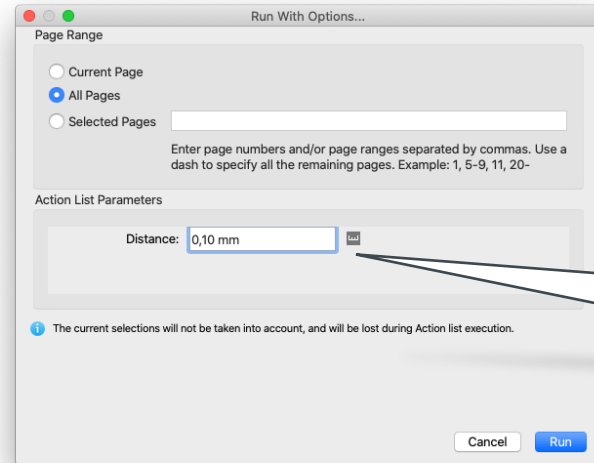
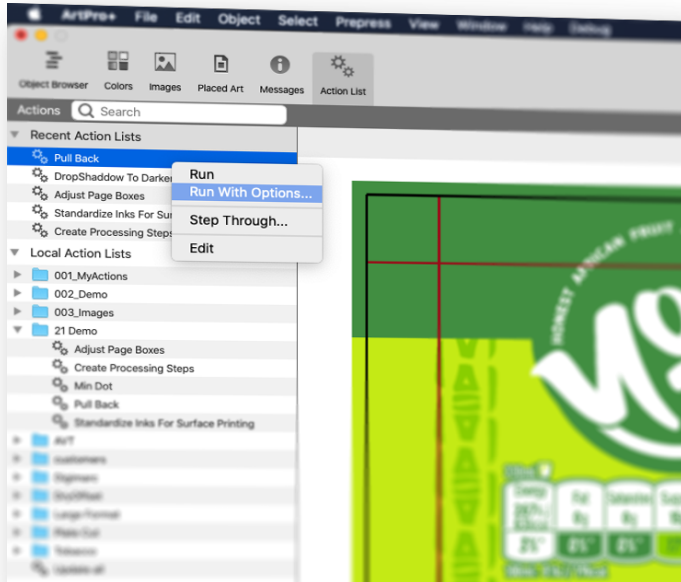
PDF Actions: Quick-Search

- Run or edit PDF Action Lists even faster!



PDF Actions: Run With Options

- “Run with Options” increases the flexibility of your PAF Action Lists by allowing for
 - Executing the PDF Action List on multiple pages
 - Make PDF Action Lists more flexible by entering parameter values



Available parameter variables can be entered for the job at hand

PDF Actions: Conditional Action

- With Conditional Actions you can make PDF Action Lists smarter by adding “if.. then..” rules

New Flow Control is introducing Conditional Action

The screenshot displays the 'Conditional Action (If... Then...)' configuration window. On the left, a sidebar lists various action categories: All, Document, Layers, Separations, Selection, Page Boxes, Transform, Clipboard, Barcode, and Flow Control. The 'Flow Control' category is selected, and the 'Conditional Action (If... Then...)' option is highlighted. The main area shows the configuration for a conditional action. At the top, a text box states: 'This Action List is checking the existence of a Structural design file. If not found it will load the default.' Below this, the 'Select Objects by Attribute' section shows a dropdown menu set to 'Select'. The 'Conditional Action (If... Then...)' section contains a list of rules: 'All of the following rules are true:'. The first rule is 'Object Selection' (checked with a blue checkmark), which is set to 'is empty'. The 'Then...' section shows the action 'Place Structural Design' with a URL field set to 'URL' and a Profile dropdown set to 'Full'. At the bottom right, there are 'Cancel' and 'Save Action List' buttons. A callout box points to the 'Object Selection' rule, listing the states that can trigger actions: Page Index, Object Selection, Layer Selection, and Separation Selection.

Conditional Action (If... Then...)

This action allows to run a set of actions only when set of conditional rules are true.

Select Objects by Attribute

Select

All of the following rules are true:

Object Type is structural design any

Conditional Action (If... Then...)

If...

All of the following rules are true:

Page Index

✓ Object Selection is empty

Layer Selection

Separation Selection

Then...

Place Structural Design

URL: URL

Profile: Full

Cancel Save Action List

The state of

- Page Index
- Object Selection
- Layer Selection
- Separation Selection

can trigger the Actions dragged into the Then... area

PDF Actions: Create & Fill Ink Eater Areas

- Reduce time to plate-making by automating the generation of Ink Eaters

1

Create ink eater areas will create an object occupying all “empty” space



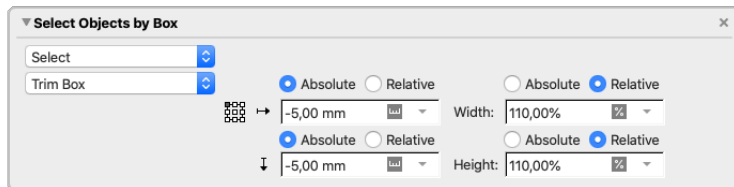
2

Fill selected shape with multi-step gradient to balance ink distribution



PDF Actions: Select Objects by Box

- You can now select objects based on their position relative to page boxes




Clean up non-structured files
by selecting all artwork
inside or outside a defined
box

PDF Actions: Stroke Properties


- Advanced control over appearance of strokes



▼ Set Stroke Corners

Corners:    4,00 21

▼ Set Stroke Dashing




☒ Dashed stroke

10,00 mm  10,00 mm  +

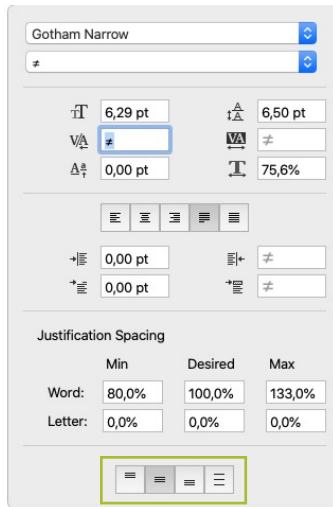
Offset: 0,00 mm 

▼ Set Stroke End Caps

End Caps:   

Text: Vertical Text Alignment Options

- You can now improve the aesthetic and readability of text in e.g. tables or reports
- Text can now be vertically aligned
 - On Top
 - On Center
 - On Bottom
 - Justified



NL: Drank op basis van limoen en munt. Ingrediënten: water, citroenzuur, natriumcitraat, natuurlijke kleur: bètacaroteen, natuurlijke smaak van mango (0,04%), vitamine C, L-carnitine, vitamine B6, biotine, en vitamine B12. Geschikt voor vegetariërs en veganisten. Glutenvrij.

EN: Lime and mint drink. Ingredients: water, citric acid, sodium citrate, natural color: beta-carotene, natural flavor of mango (0.04%), vitamin C, vitamin B6, biotin, and vitamin B12. Suitable for vegetarians and vegans. Gluten free.

FR: Boisson au lime et menthe. Ingrédients: eau, acide citrique, citrate de sodium, couleur naturelle: bêta-carotène, gout de mangue naturelle (0,04%), Vitamine C, vitamin B6, biotine et vitamin B12. Convient aux végétariens et aux végétaliens. Sans gluten.

Marks: Exclude Inks In Custom Filtering

- In addition to defining inks you want to be used in a specific mark you can now also exclude inks

1 Next to global filters you can filter on individual inks

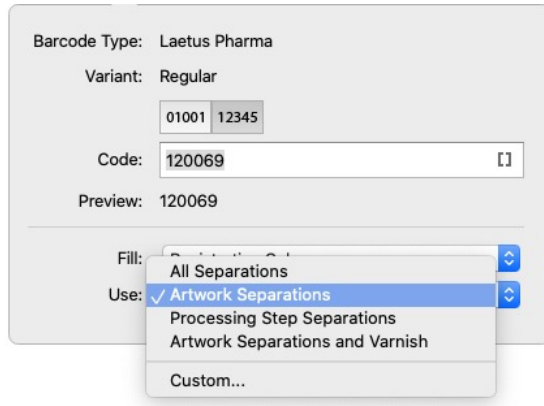
2 You can exclude inks with certain names ...

3 ... without disrupting the placement logics

Name	#	Setup
Cyan	1	
Magenta	2	
Yellow	3	
Black	4	
PANTONE 2297 C	5	
PANTONE 2293 C	6	
PANTONE 7741 C	7	
Gold	8	
Crease	9	
Cut	10	

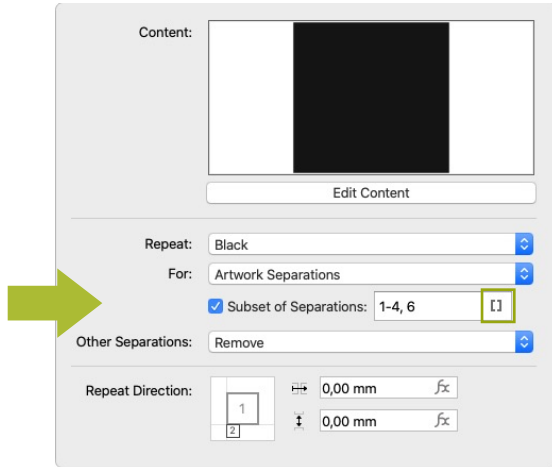
Marks: Dynamic Color For Barcode Mark

- For applicable barcodes (e.g. Laetus or Code 128) the barcode mark offers dynamically coloring



Marks: Advanced Coloring

- To allow more complex separations filtering based on job/product/workflow variables, useful for controlling multiple whites and embellishments in marks. The subset of Separations input is now Smart enabled.



Content:

Edit Content

Repeat: Black

For: Artwork Separations

☒ Subset of Separations: 1-4, 6

Other Separations: Remove

Repeat Direction:

1 2

0,00 mm

0,00 mm

Artwork Ink 1

Artwork Ink 2

Artwork Ink 3

Artwork Ink 4

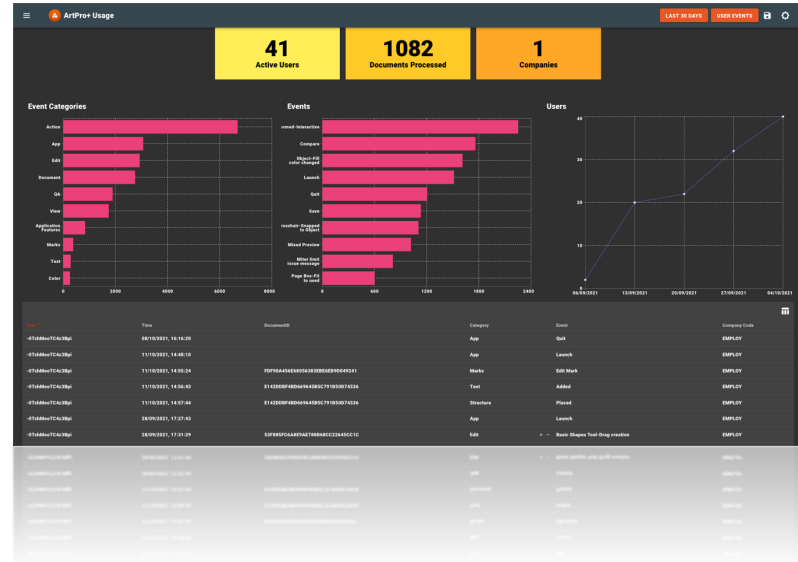
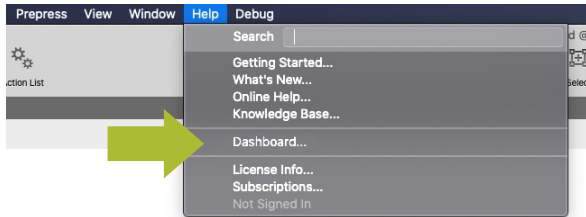
Artwork Ink 6



Color Space: ISO Coated v2 300% (ECI)			
	Name	#	Setup
	Cyan	1	<input type="checkbox"/>
	Magenta	2	<input type="checkbox"/>
	Yellow	3	<input type="checkbox"/>
	Black	4	<input type="checkbox"/>
	PANTONE 375 C	5	<input type="checkbox"/>
	PANTONE 335 C	6	<input type="checkbox"/>
	PANTONE 354 C	7	<input type="checkbox"/>
	PANTONE 877 C	8	<input type="checkbox"/>
	DieLine	9	<input type="checkbox"/>

Dashboard

- The dashboard provides you with information about the usage details of ArtPro+ and other Esko applications helping you to improve usage patterns and optimize performance



ESKO*