DeskPack 20

What's New

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Product Manager PDF Editing

June 2020

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Plus Mode

The Plus in DeskPack (1)

- You can now set the document mode of you Illustrator file (Ink Manager menu)

  - ❯ Normalized PDF:
    - you will remain working with the classic **technical inks** concept
    - The document exported to Esko PDF will be a **Normalized PDF**
  - ❯ PDF+:
    - You can configure special type layers, so called **Processing Steps** following the ISO 19593-1 specification
    - The document exported to Esko PDF will be a **PDF+**
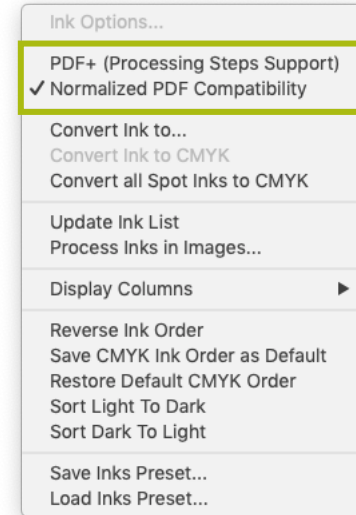
The chosen document mode has an impact on the availablity of functionality within DeskPack.
You will find more information in this document.

Ink Options...

PDF+ (Processing Steps Support)
✓ Normalized PDF Compatibility

Convert Ink to...
Convert Ink to CMYK
Convert all Spot Inks to CMYK

Update Ink List
Process Inks in Images...

Display Columns ▶

Reverse Ink Order
Save CMYK Ink Order as Default
Restore Default CMYK Order
Sort Light To Dark
Sort Dark To Light

Save Inks Preset...
Load Inks Preset...

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The Plus in DeskPack (2)

Export PDF **normalized** mode

nPDF

Keeping Esko metadata: groups, layers, names, image links & channel mapping, structural design links, screening, printing methods, technical inks, ink books, page boxes
Losing device independent color spaces , text box properties
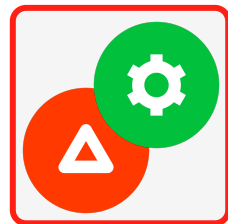No processing steps
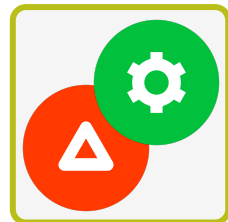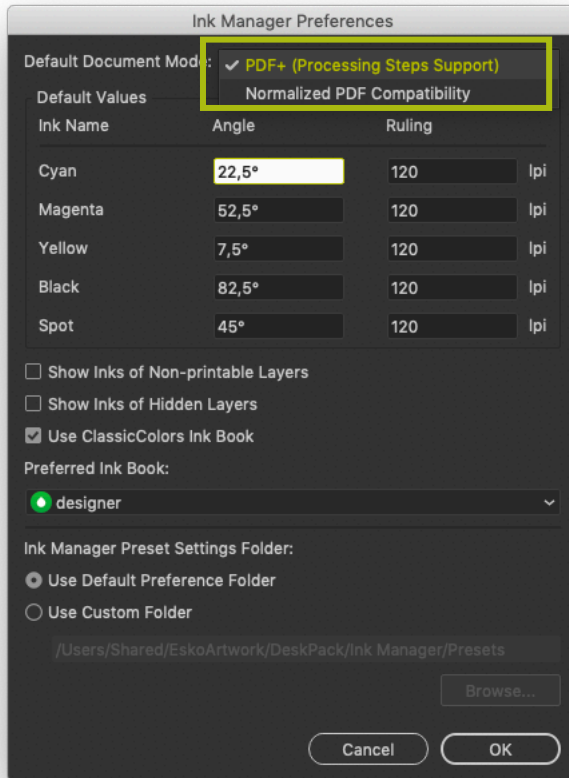
Normalized PDF

Export PDF **Plus** mode

PDF+

Keeping Esko metadata
groups, layers, names, image links & channel mapping, structural design links, screening, printing methods, ink books, page boxes, **processing steps, trapping tags, text box properties**

Keeping device independent color spaces, Exchangeability with non-Esko solutions

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The Plus in DeskPack (3)

Ink Manager Preferences

Default Document Mode:
- ✓ PDF+ (Processing Steps Support)
- Normalized PDF Compatibility

Default Values

Ink Name	Angle	Ruling	
Cyan	22,5°	120	lpi
Magenta	52,5°	120	lpi
Yellow	7,5°	120	lpi
Black	82,5°	120	lpi
Spot	45°	120	lpi

☐ Show Inks of Non-printable Layers
☐ Show Inks of Hidden Layers
☑ Use ClassicColors Ink Book

Preferred Ink Book:
● designer

Ink Manager Preset Settings Folder:
● Use Default Preference Folder
○ Use Custom Folder
/Users/Shared/EskoArtwork/DeskPack/Ink Manager/Presets

Browse...

Cancel   OK

- You can set the preferred document mode in the Ink Manager preferences
  - ❯ Legacy documents created in normalized mode will be recognized

PDF+ compatibility for important plugins

Feature	Normalized mode	Plus mode
Processing Steps	NO	YES
Export PDF+ with textbox properties	NO	YES
Technical Inks	YES	NO
PowerTrapper (standalone & client)	YES	NO
PowerLayout Client	YES	NO
VDP	YES	NO
Dynamic VDP	YES	NO

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ISO Processing Steps Overview

Only in Plus mode

● In Plus Mode you can define and manage processing step information

Ink Options...

✓ PDF+ (Processing Steps Support)
Normalized PDF Compatibility

Show Processing Steps
Move to Processing Step ▶

Convert Ink to...
Convert Ink to CMYK
Convert all Spot Inks to CMYK

Update Ink List
Process Inks in Images...

Display Columns ▶

Reverse Ink Order
Save CMYK Ink Order as Default
Restore Default CMYK Order
Sort Light To Dark
Sort Dark To Light

Save Inks Preset...
Load Inks Preset...

Edit Processing Steps...

Processing Steps ≡

👁 Structural
👁 Bleed
👁 Creasing
👁 Cutting
👁 White
👁 Artwork

▼ ⚠ ISO Standard Violations
▼ Blend mode other than Normal is not allowed (5).
    <Compound Path>
    <Group>
    <Path>
    <Path>
    <Group>

☑ Zoom ☑ Select ☐ Highlight

Set the visibility of layers according their processing step type

Warnings related to object that violate the ISO 19593-1 specs

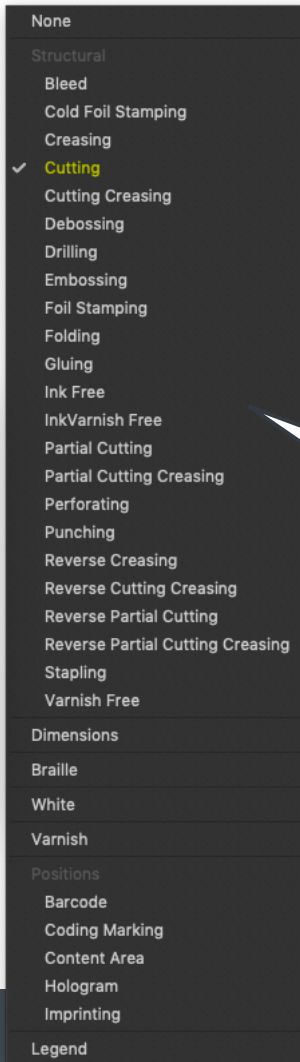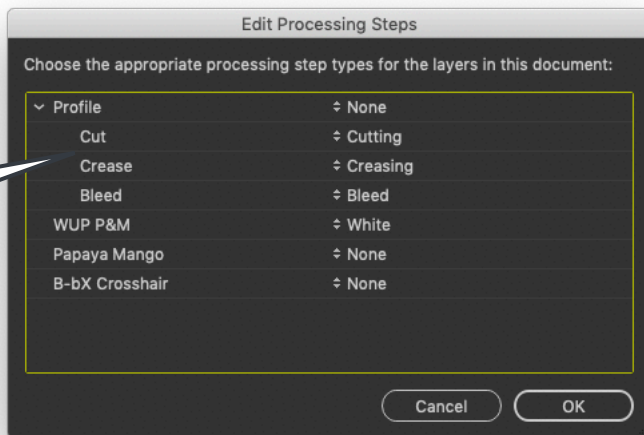You can auto-zoom to and auto-select non-compliant objects
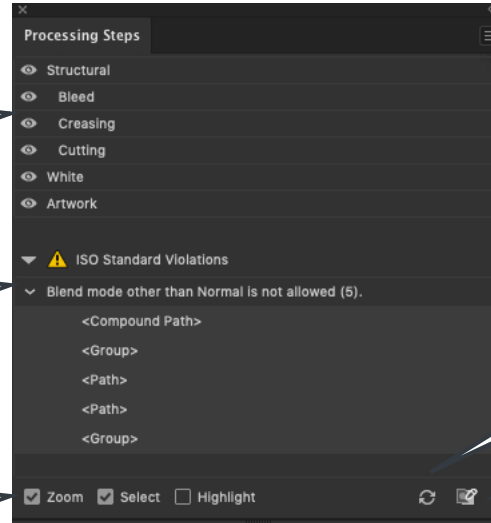
Update the violations list

Edit processing steps

8

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Editing Processing Steps

- In Plus Mode you can define and manage processing step information

Only in Plus mode

Edit Processing Steps

Choose the appropriate processing step types for the layers in this document:

Profile	None
Cut	Cutting
Crease	Creasing
Bleed	Bleed
WUP P&M	White
Papaya Mango	None
B-bX Crosshair	None

Cancel   OK

Simply assign the desired processing step type to document layers

Choose from the ISO 19593-1 list of processing steps

None

Structural
Bleed
Cold Foil Stamping
Creasing
✓ Cutting
Cutting Creasing
Debossing
Drilling
Embossing
Foil Stamping
Folding
Gluing
Ink Free
InkVarnish Free
Partial Cutting
Partial Cutting Creasing
Perforating
Punching
Reverse Creasing
Reverse Cutting Creasing
Reverse Partial Cutting
Reverse Partial Cutting Creasing
Stapling
Varnish Free

Dimensions

Braille

White

Varnish

Positions
Barcode
Coding Marking
Content Area
Hologram
Imprinting

Legend

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ISO Processing Steps in your Esko workflow

- DeskPack PDF Import recognizes ISO PDF Processing Steps from ArtPro+ when importing PDF

- DeskPack includes ISO PDF Processing Steps exporting to PDF+

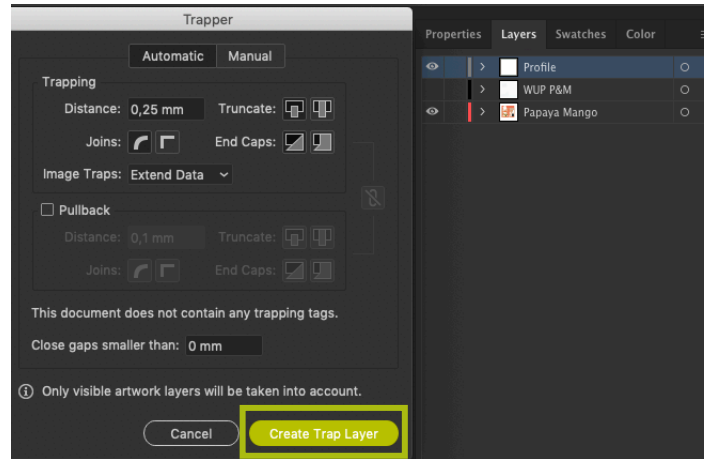- ISO PDF Processing Steps are recognized by Automation Engine

ArtPro+

Processing Steps

DeskPack

Automation Engine
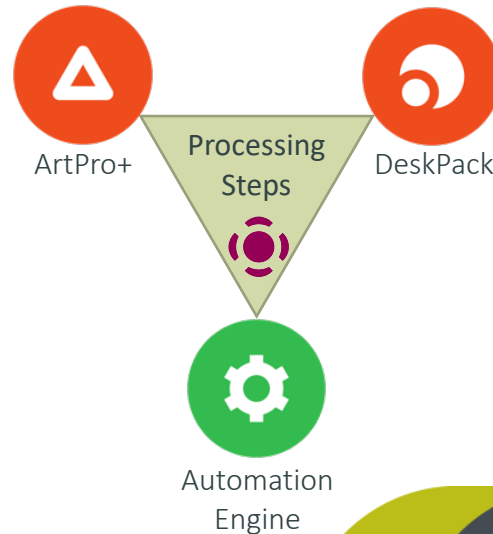
New Trapper

Automatic Trap Layer

- If no Automatic Trap Layer exists, the Trapper will create one

- It will contain all trapping objects and store the global trap settings

It is not recommended to edit objects in the Automatic Trap Layer as all objects will be replaced when updating the Trap Layer

Updating Automatic Trap Layer

- After changing artwork or trapping tags (see following slides) you can update the trap layer

- All previous traps will be erased, and new traps created
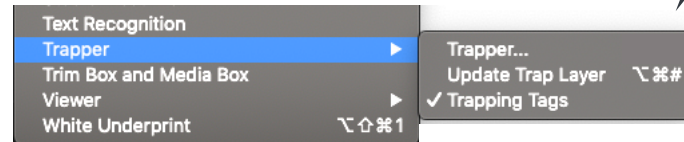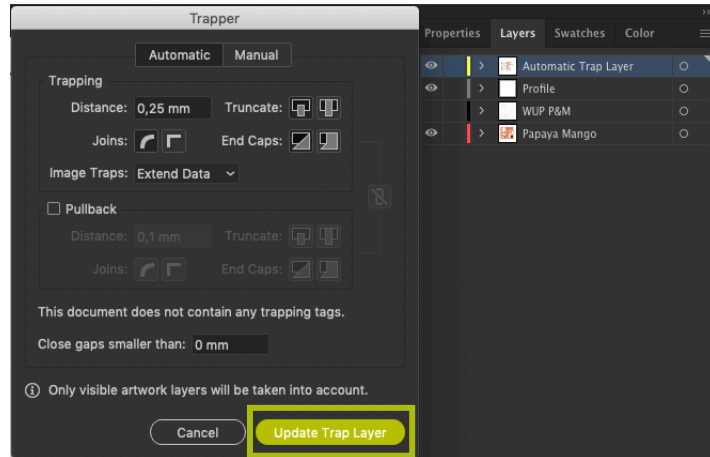
You can use shortcuts to update the trapping layer

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Trapping Tags

- Using trapping tags you can set the trapping properties of individual objects and groups and create exceptions from the global trap settings

Configure the preferred trapping properties

Use the Illustrator target feature to select the desired group level

You can control trapping of inner and outer edges of grouped objects

All tagged objects and groups are listed here

Trapping in your Esko workflow

- DeskPack 20, ArtPro+ 20 and Automation Engine 20 are using the same new trapping core

- DeskPack PDF Import recognizes trapping tags from ArtPro+ when importing PDF+

- Trapping tags from DeskPack are recognized in ArtPro+ when exporting to PDF+

- Trapping tags from DeskPack and ArtPro+ are recognized by Automation Engine

ArtPro+

New Trapper

DeskPack

Automation Engine

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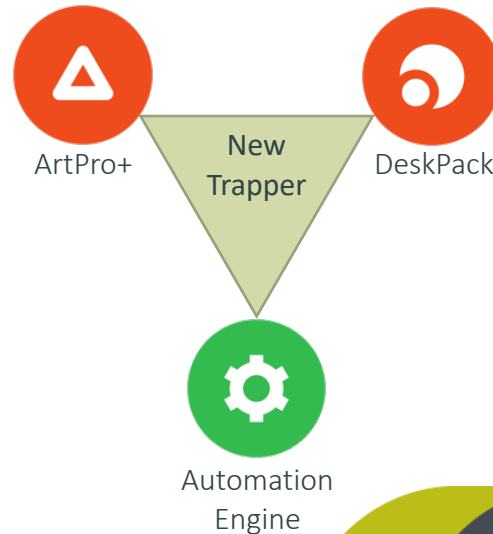
PDF Import

PDF Import

Only in Plus mode

- PDF Import now recognizes

  › PDF+ Trapping Tags

  › PDF+ Global Trap Settings

  › PDF Processing Steps

  › PDF+ Text box parameters (see next page for more details)

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PDF Import: Improved text import for PDF+

PDF

Adobe Illustrator (.ai)

PDF

PDF without Plus metadata:
adjacent text objects are merged to Illustrator text boxes

PDF+

PDF+

PDF+:
text box properties are used to improve persistency of ArtPro+ text boxes

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Miscellaneous

Shuttle

- The credentials provided in Server Connection Assistant are used for connection to Automation Engine and Shuttle

- They are no longer used to mount DeskPack Container and data shares

- Mounting over AFP on Mac is no longer supported

- Launch Workflow now uses the Normalized PDF or PDF+ format to transfer the job to Automation Engine, based on the Document Mode

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Data Exchange

- The export file format "Normalized PDF" has been renamed to "Esko PDF". PDF+ is exported for documents in the PDF+ Document Mode.

- When a Structural Design file is placed or Varnish Plate created, Processing Step layers are automatically created in PDF+ Mode.

- ACD (ArtiosCAD Canvas Design) files can be placed, but they are expanded on export to Normalized PDF or PDF+

- New option only for Plus mode to export CAD files to the server next to output file

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WebCenter Connector

- Added support for opening ACD (ArtiosCAD Canvas Design) files

- A PDF+ or Normalized PDF file is uploaded to WebCenter based on the Document Mode

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PDF Import

- Processing Steps layers, Trapping Tags, and Automatic Trap parameters are now imported from PDF+ files

- Sublayers are now imported as sublayers and not as ordinary groups

- RGB-defined and Lab-defined spot inks are now imported as RGB-defined or Lab-defined respectively and no longer as CMYK-defined

- Content of locked/hidden layer is no longer explicitly locked/hidden. Just the layers remain locked/hidden

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Dynamic Marks

- The "Include Varnish Inks" with "All" checkbox is not supported in documents in PDF+ Document Mode

- "Export Mark Set for Server" is not available for documents in PDF+ Document Mode

PowerTrapper

- This plug-in is not available for documents in PDF+ document mode

- Launch Trap Task is not available for Cloud documents (.aic)

- Loading and Saving Color Pairs is not available for Cloud documents (.aic)

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PowerLayout Standalone

- "Export Template" not enabled in Plus mode

Adobe® Illustrator® 2020

- DeskPack plugins have been adapted to support new document units (Feet, Yards, Meters)
- Support for Cloud Documents (.aic files)
- Only selected plug-ins support Large Canvas documents
  - Some plug-ins create artwork 10x larger than expected and various edit and info fields show 10x smaller values

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Connecting to Automation Engine: Improved User Management Security

- To comply with common IT infrastructure and security requirements the method of autheticating (to log-on) Esko graphic editors (ArtPro+, DeskPack, ArtPro, PackEdge, Plato, i-Cut Layout) has been modernized

- Graphic editors up to version 18.1.x will not be able to connect to Automation Engine 20!

- Graphic editors version 20 can still connect to Automation Engine v18.x!

connection	Editors 18.1	Editors 20.0
Automation Engine 18.1	OK	OK
Automation Engine 20.0	not supported	OK

- For more information please visit following knowledge base article:
Improved User Management Security with Version 20

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