

# What's new in DeskPack 16.1.1

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**Product Manager**

**DeskPack for Adobe®  
Illustrator®**

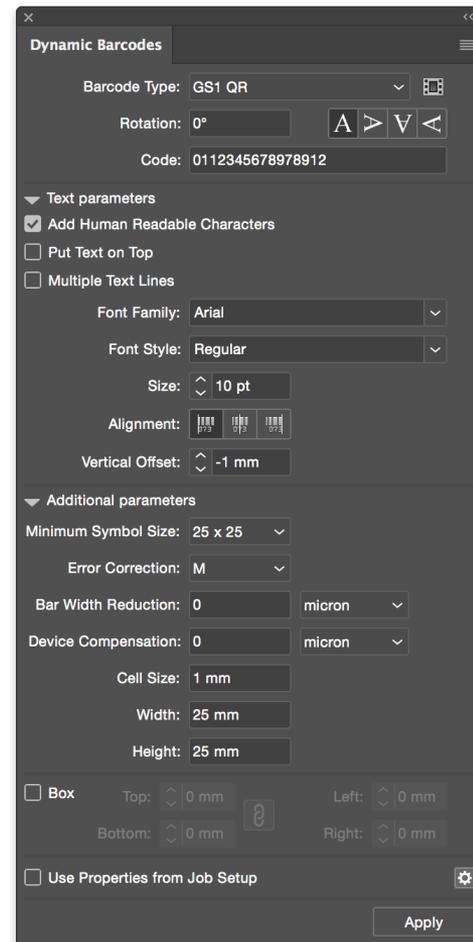
# 1. Dynamic Barcodes

## GS1 QR code

- Introducing a new barcode type – GS1 QR
  - Following GS1 specs for GS1 QR codes
  - Allowing human readable Characters
    - With default font and positioning
    - With custom font, size, alignment and vertical offset



(01)12458965984531(10)AcVF-123



The screenshot shows the 'Dynamic Barcodes' configuration window. The 'Barcode Type' is set to 'GS1 QR'. The 'Code' field contains '(01)12458965984531(10)AcVF-123'. Under 'Text parameters', 'Add Human Readable Characters' is checked. The font is set to 'Arial' in 'Regular' style, size '10 pt', with 'Left' alignment and a 'Vertical Offset' of '-1 mm'. Under 'Additional parameters', 'Minimum Symbol Size' is '25 x 25', 'Error Correction' is 'M', 'Bar Width Reduction' is '0 micron', and 'Device Compensation' is '0 micron'. The 'Cell Size' is '1 mm', 'Width' is '25 mm', and 'Height' is '25 mm'. The 'Box' settings are all set to '0 mm'. The 'Use Properties from Job Setup' checkbox is unchecked. An 'Apply' button is at the bottom right.

## Support for new GS1 Application Identifiers

- GS1 barcodes and their Composite Components accept and encode new GS1 Application Identifiers (AI)
  - 394: Percentage discount of a coupon
  - 416: GLN of the production or service location
  - 7020: Refurbishment lot ID
  - 7021: Functional status
  - 7022: Revision status
  - 7023: Global Individual Asset Identifier (GIAI) of an assembly
  - 8112: Paperless coupon code identification for use in North America

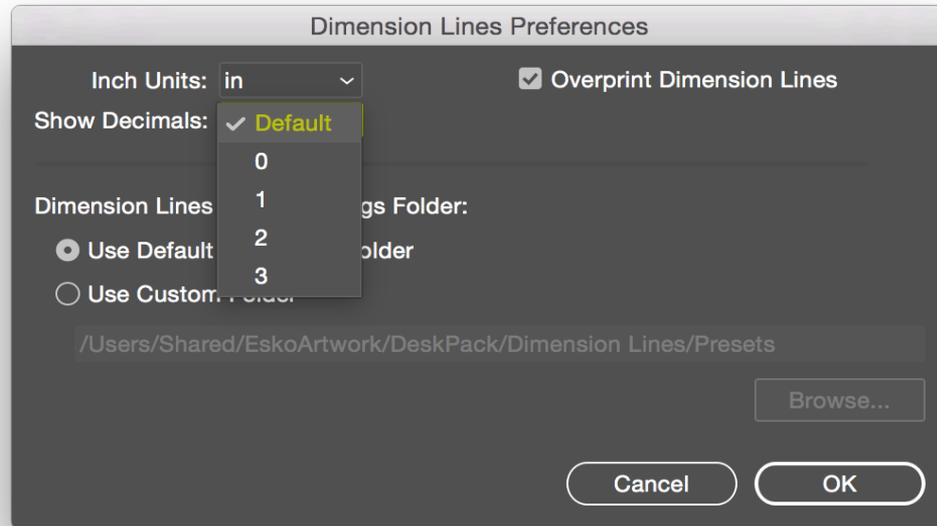
## Various fixes

- See Release Notes in the installer for a complete list

## 2. boostX

## Dimension Lines: new preference option

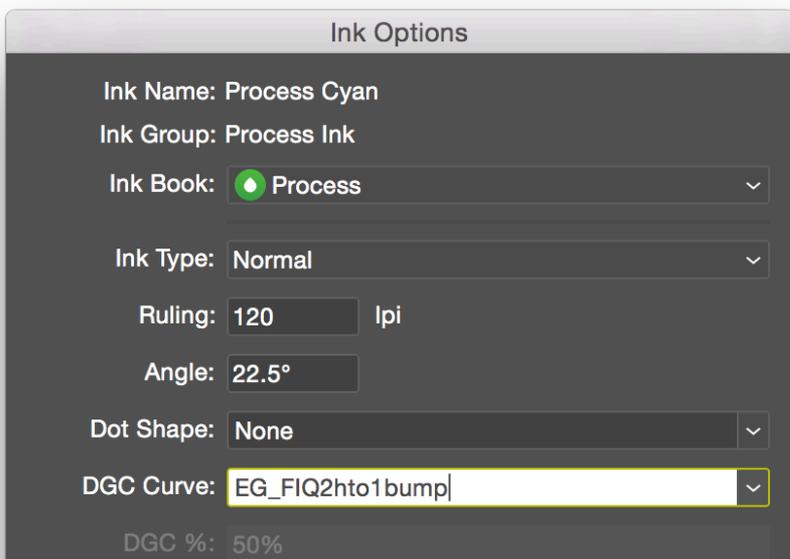
- New option in preferences to choose the amount of decimals shown for the dimension lines text
- Italic text is used to indicate rounded values



## 3. Data Exchange

## Ink Manager: DGC curves

- Dot gain Compensation Curves can now be specified for every ink in Ink Manager
- Select a DGC curve from the predefined list, or type in the name to use a custom curve
- The DGC curve is saved in the Adobe Illustrator document, when exporting to normalized PDF and when saving Ink Presets



## 4. Color Engine

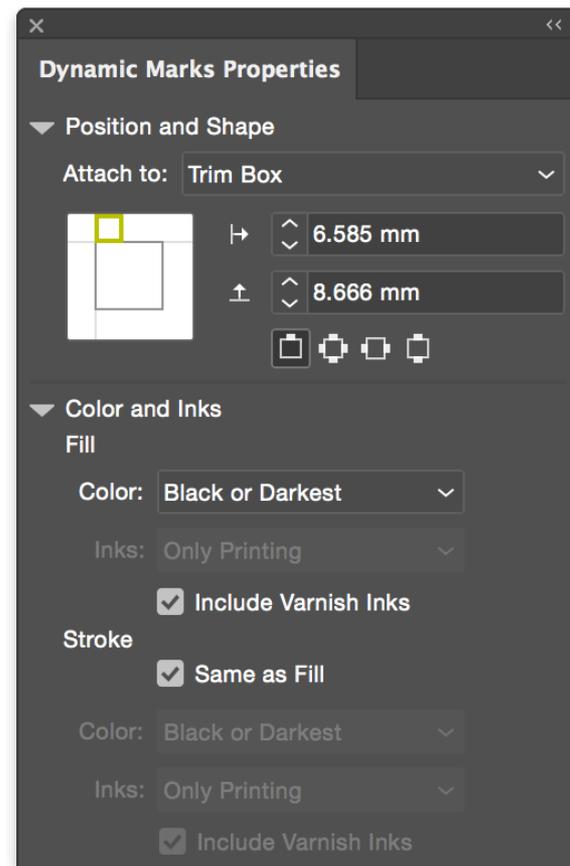
## Replace Ink in selection

- The Color Engine plug-in allows to add or replace inks using the Color Engine Ink Books
- A new “Replace ink in selection” feature has been added to replace an ink from the document by another ink of choice, but only in the selected objects

## 5. Dynamic Marks

## New Color and Inks options

- New “Black or Darkest” Color option
  - If the document contains a Process Black ink, the mark will be colored with 100% Black, otherwise the darkest ink in the document is used.
- New option to include/exclude Varnish Inks
  - when disabled, inks set as “Varnish” in Ink Manager will not be taken into account for Dynamic Color



## 6. PowerLayout Standalone

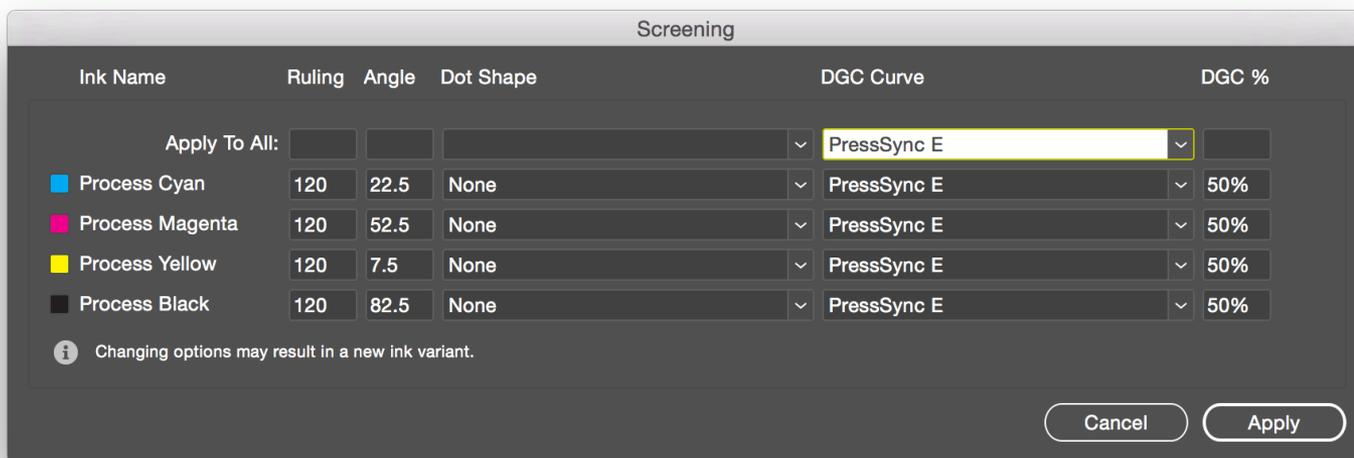
## Keep screening in linked files

- Screening information of images in the one-ups is now kept in the PowerLayout grids

# 7. Screening

## Apply DGC curves

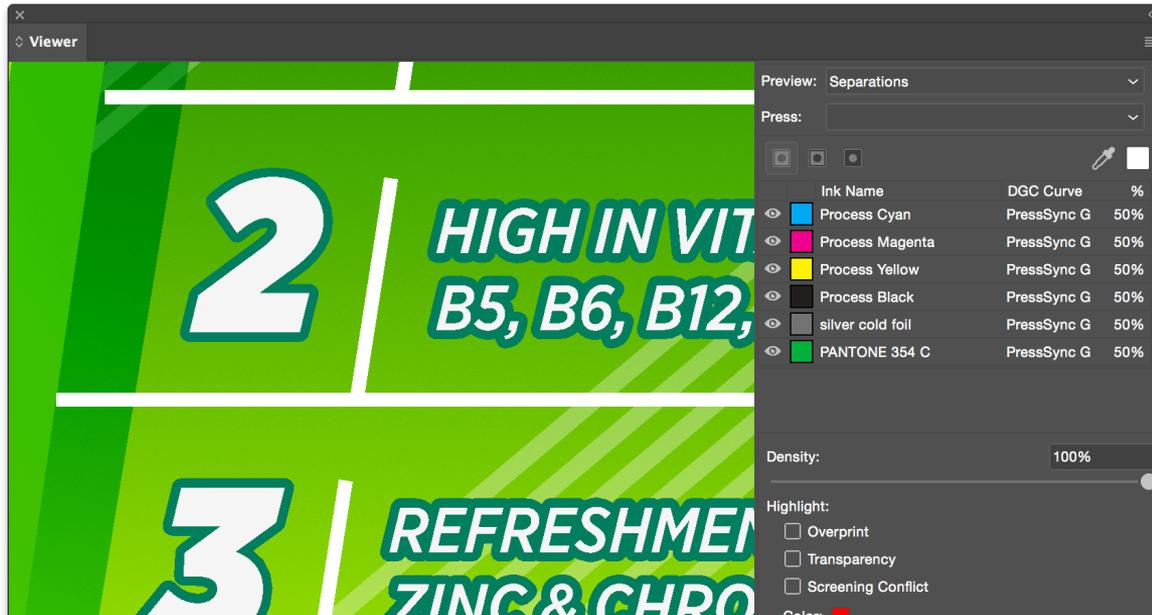
- The screening plug-in allows you to make exceptions to the ink parameters set in Ink Manager for selected objects
- It is now also possible to change the DGC curve of the inks used in the selected objects
- The ink exceptions are shown in the Ink Manager



## 8. Viewer

## Show and edit DGC curves

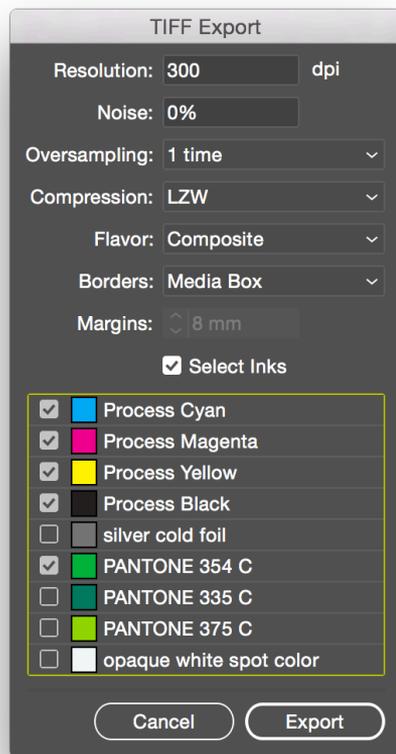
- In the Viewer, DGC curves can also be shown and edited per ink, as is the case in Ink Manager
  - The DGC curves are not used for rendering the file



## 9. Tiff Export

## Ink selection in TIFF export

- A new option “Select Inks” has been added, allowing you to exclude inks from the exported TIFF file



# DeskPack for Adobe® Photoshop®

## Flexo Tools: new “Reseparate” aka Black Generation Filter

- The Reseparate filter allows you to modify CMYK separations without changing the appearance of the image
- This will improve printing stability of the images, mainly for Flexo and Rotogravure printing

## Reseparate Filter

- Choose from 2 black modes:
  - Minimal Black: Creates a skeleton K. K is reduced and CMY are boosted
  - Maximal Black: Boosts K and reduces CMY. Ink savings can be achieved
- Smoothness defines the smoothness of the curve, Max Slope defines how steep the curve can be
- Use the preview to check the result of the current settings before applying

