

# Imaging Engine 18.0.1

What's new

**November 2018**

## What's new in Imaging Engine version 18.0.1

- This document lists all changes and improvements since the Esko Software Platform June 2018 Release
  - Updated Adobe Kernel Version (APPE 4.9)
  - In-RIP prepare for viewing
  - Merging Inks via PDF Action Lists
  - Changes related to Surface Screening and keep 100% in curves
- System requirements and fixes can be found under the Release Notes section on the Imaging Engine 18.0.1 DVD

## Updated Adobe Kernel Version (APPE 4.9)

- The Adobe PDF Print Engine (APPE) version inside 18.0.1 is 4.9
- The difference with APPE 4.8 (which was included in 18.0) is extra bug fixes only

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## In-RIP prepare for viewing

- To use the Automation Engine viewer for ripped data the output files need to be prepared first
- No need to use a separate “Prepare for Viewer” task for this from 18.0.1 onwards as Imaging Engine now supports the generation of these “viewer-prepared” files together with the generation of the actual production data
- Only available for separated output
- Activated by means of a toggle located on the output tabs of the Imaging Engine tasks
- Toggle is off by default

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## Option is located on the output tab

### ● Image to Unscreened Separations task

File Type: TIFF File [ ] ▾

File Assembly: 1 File Per Separation [ ] ▾

Output Type: Separate [ ] ▾

Compression: LZW [ ] ▾

Make all output files ready for viewing [ ]

### ● Image to Screened Separations task

File Type: TIFF File [ ] ▾

File Assembly: 1 File Per Separation [ ] ▾

Output Type: Separate [ ] ▾

Compression: LZW [ ] ▾

Save print simulations (.view files) [ ]

Make all output files ready for viewing [ ]

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## Also available for print simulations

- For screened output the “viewer-prepared” files are automatically generated for the print simulation files as well when both the *Save print simulations (.view files)* and the *Make all output files ready for viewing* options are activated

File Type:	TIFF File	[ ]	▼
File Assembly:	1 File Per Separation	[ ]	▼
Output Type:	Separate	[ ]	▼
Compression:	LZW	[ ]	▼
<input checked="" type="checkbox"/> Save print simulations (.view files) [ ]			
<input checked="" type="checkbox"/> Make all output files ready for viewing [ ]			

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## Improved algorithm

- Imaging Engine uses a different, improved algorithm as compared to the “Prepare for Viewer” task in Automation Engine to generate the “viewer-prepared” files
- This results in a better color match with the input file
- Important remark: when not fully zoomed in a lot of differences might appear when comparing these Imaging Engine “viewer-prepared” files with the ones prepared by the “Prepare for Viewer” task

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## Merging Inks via PDF Action Lists

- Now possible in combination with Imaging Engine by means of PDF action lists
- See following Knowledge Base article on how to do the setup:
  - See following Knowledge Base article for details:  
*[KB224991799: Automation Engine - Merging Separations using PDF Action Lists](#)*
- Note for Imaging Engine Pilot customers
  - Re-activation of the licenses is required
  - Needed to enable the PDF action lists
  - See following Knowledge Base article for details:  
*[KB227150223: Activating PDF Action Lists for Imaging Engine Pilot Users](#)*

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## Changes related to Surface Screening and keep 100% in curves (1/2)

- Following shortcoming was fixed:
  - Surface Screening that should only be seen at 100% were appearing even when the curve had a maximum dot of 99% and keep 100% disabled
- See following Knowledge Base article for details:
  - *KB226394261: Screens Using Surface Screening in Combination with Curves that Adjust 100%*

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## Changes related to Surface Screening and keep 100% in curves (2/2)

- Changed behavior:
  - When using basic PressSync curves solids will always be 100% no matter what value was set for the maximum dot
- See following Knowledge Base article for details:
  - *KB227149189: Changed Handling of the 100% Tones by PressSync Curves*

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