

What's new in Imaging Engine version 16.1.1

This document lists all changes and improvements since Esko Software Platform – November 2017 Release. The document will give an overview of:

- New Functionality
- Solved customer issues



New Functionality - General

• General

- > New Adobe Kernel (APPE 4.8)
- CTP specific
- Proof specific

- New Functionality
 - General
 - CTP Specific
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New Adobe Kernel (APPE 4.8)

The kernel of Imaging Engine has been updated from APPE version 4.7 to **APPE version 4.8**. This version includes some fixes for known customer issues. (see 'Solved Customer Issues' topic)

To guarantee **correct output**, especially when using the Esko screening model (introduced in IE16.0.2), some performance optimization has been disabled.

This may cause some **decrease in RIP performance** depending on the input file and the settings used.

As soon as we can guarantee correct output with the performance optimization enabled, the optimization will be enabled again in a hotfix or in a future release.

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New Functionality - CTP

• General

• CTP specific

- > Curve strategy support in exceptions
- > XMP for solid objects
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Curve strategy support in exceptions

The list of curves which can be selected when creating a press curve exception has been extended with curve strategies.

This is available

• When defining an exception

Rule Properties		×
If separation mate	hes:	
Ink name 👻 con	tains - Cyan	E - •
Apply separation s	ettings: $R \rightarrow Round Fogra$	
Ruling:	120 lpi	[]
Angle:	45°	[] C
Press Curve:	None	L) 🔽
	lione Angle_Based_7_22.icpro CT_LW_Strategy.icpro DKQ_Based_7_2.20ther.icpro Ec_DFI_Bumps.icpro Ec_DFI_Bumps.icpro Ec_DFI_Bumps.icpro Ec_EmpTathology.icpre.icpre Ec_EmpTathology.icpre Ec_FTQ2thologym.dgc Ec_FTQ3thologym.dgc Ec_FTQ3thologym.dgc	

• Overruling the press curve in the separations overview

Cym process 1 - C → Cricut 120 [9] 7* Histone Magentar process 2 - R → Enciru 120 [9] 7* Histone Vallow process 3 - L → Line 120 [9] 72* Histone Black process 4 - S → Square 120 [9] 67* Histone AlvitOne 4 - S → Square 120 [9] 67* Histone 65 AlvitOne 1 GV11 → G 120 [9] 72* Histone 65 67* Histone	Ink Name	Ink Book	Ink In	Spot Ink In	Dot	Ruling	An C	Press Curve
Vellow process 3 - L Line 120 lgn 822 Angle_Beard_7_222.tpro Black process 4 - 5 5 game 120 lgn gm ² C ¹ _LW_STREPKiptor PAITOL. PAITOL. FAITOL. 1 GV/1 Gr 120 lgn 22 ^h Re_DFH_Burgskiptor	Cyan	process	1		$C \rightarrow Circul$	120 lpi	70	None
Black process 4 - S → Square 120 lpl 67 ⁻ CTW_Strategy.icpro PANTO PANTO PANTO PANTO PANTO ECPH_Bumps.icpro	Magenta	process	2		R → Roun	120 lpi	37º	None
Black process 4 * S → Square 120 lpl 07 [*] Dot_Based_R_S_Other.icpro PANTO PANTONE+ 5 1 GVY1 → Gr 120 lpl 22 ⁴ EG_DFH_Bumps.icpro	Yellow	process	3		$L \rightarrow Line$	120 lpi		
PANTO PANTONE+ 5 1 GVY1 → Gr 120 lpl 22° EG_DFH_Bumps.icpro	Black	process	4		$S \rightarrow Square$	120 lpi		
	PANTO	PANTONE+	5	1	$\text{GVY1} \rightarrow \text{Gr}$	120 lpi		

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XMP for solid objects

The XMP screening information of the output files generated by IE has been slightly improved for separations which only contain solid objects.

Previously no screening information was added, making it confusing about what happened. In FlexRip the information was always added, making it sometimes confusing as no screening was seen in the objects.

In the new solution the screening information is added but mentioning that it will not be noticeable as the separation only contains solid objects.

Data Type:	Screens and DGC:			
Artwork				
General				
Job	Angle: 45° CW			
Screens and DGC	Dot Shape: r (Solids only)			
	Solids only)			

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New Functionality - Proof

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New Esko EPL files

To create better proofs, Esko R&D is creating Esko EPL files which result in a more uniform color space.

Most of the times these Esko EPL files are included in the profiles kit and will be installed automatically.

When new Esko EPL files are created in between 2 releases of the Proof Server and profiles kit, they can be downloaded from a <u>central KB article</u>.

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Solved Customer Issues

- A list of all fixed customer issues can be found in the Release notes of Imaging Engine 16.1.1
- Some notable fixed customer issues
 - Recalibration profile is now taken into account for the verification strip
 - > Stability fix for the Submitprooftask.exe
 - Improved CIP3 output for multipage input files containing different separations for each page

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