

# What's new in Imaging Engine 18.0.0

## What's new in Imaging Engine version 18.0.0

This document lists all changes and improvements since Esko Software Platform – January 2018 Release. The document will give an overview of:

- New Functionality
- Solved customer issues

## New Functionality - General

- General
  - Improved Adobe Kernel (APPE 4.8)
- CTP specific

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  - **General**
  - CTP Specific
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## Improved Adobe Kernel (APPE 4.8)

The kernel of Imaging Engine has been improved by adding a patch on top of **APPE version 4.8**.

To guarantee **correct output**, especially when using the Esko screening model (introduced in IE16.0.2), some performance optimization was disabled (since 16.1.1).

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

The correct output can now be guaranteed again with the **performance optimization enabled**, resulting in correct and fast RIP output.

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  - General
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## New Functionality - CTP

- General
- CTP specific
  - SCTV support

What's new in Imaging Engine 18.0.0

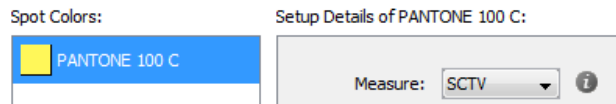
- New Functionality
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# SCTV Support

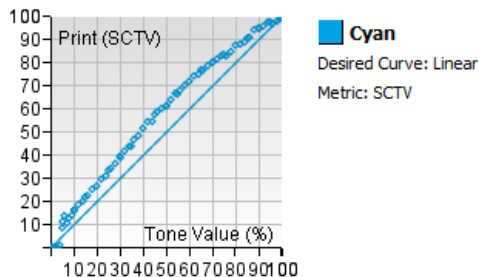
In CurvePilot 18.0.0, SCTV has been added to the list of metrics.

**Spot Color Tone Value (SCTV)**, used in **ISO 20654:2017** standard, is a ratio of the colorimetric difference between the tint, the substrate and the solid. There is a relative-only metric!

The default metric for spot colors has been changed to SCTV.



This is also shown in the graphs and reports



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## Solved Customer Issues

- A list of all fixed customer issues can be found in the Release notes of Imaging Engine 18.0.0
- Some notable fixed customer issues
  - › Public screening parameters are applied again for all spot colors.
  - › Dot Clean up now takes the smallest minimum dot into account when multiple/different min dots are needed to be taken into account (instead of ending the task with an error)
  - › Source profiles containing non CMYK inks are now also supported during Proofing
  - › Seamless output has been optimized to generate the same output size as FlexRip did

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