

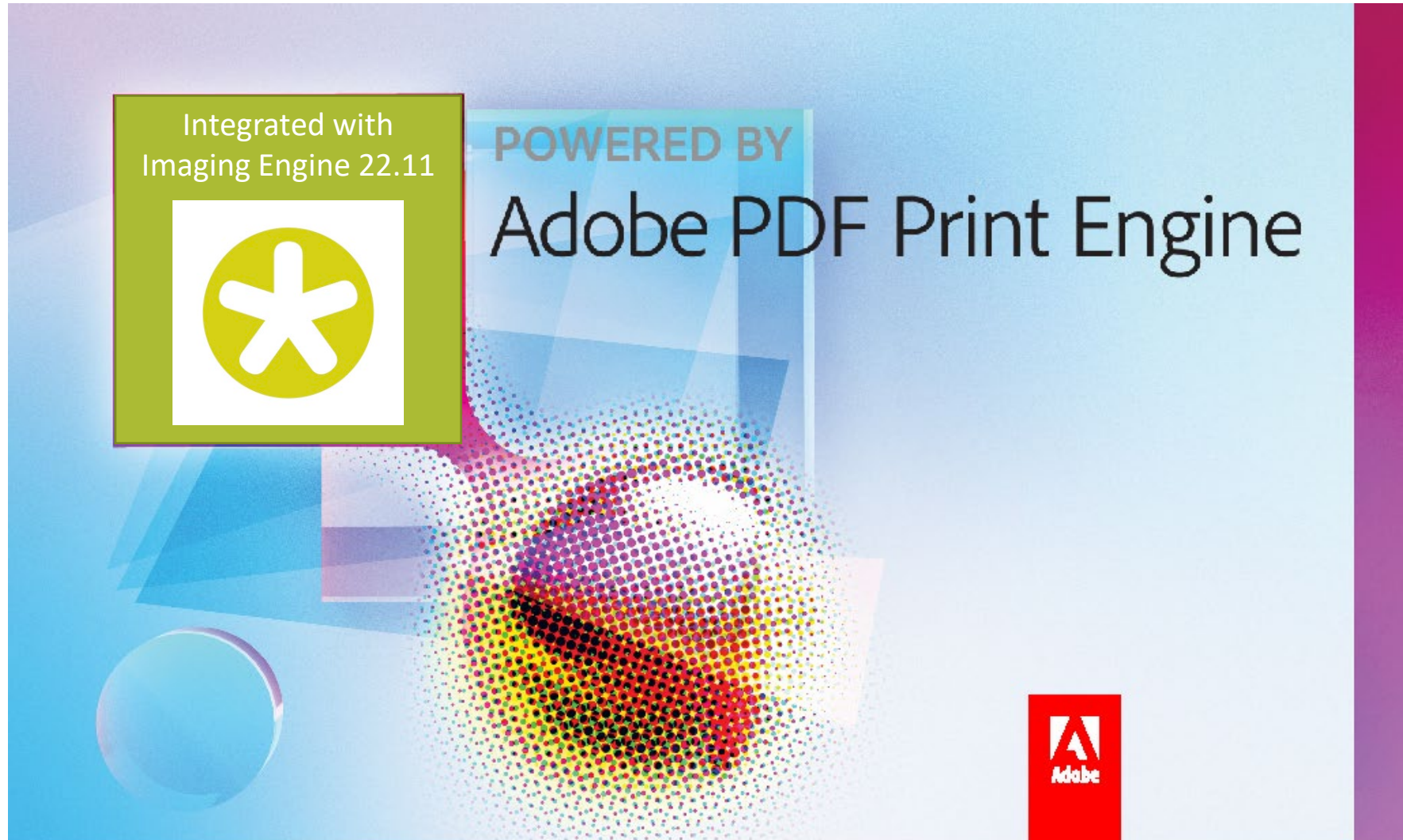
# Imaging Engine

What's New 22.11

Robert Bruce

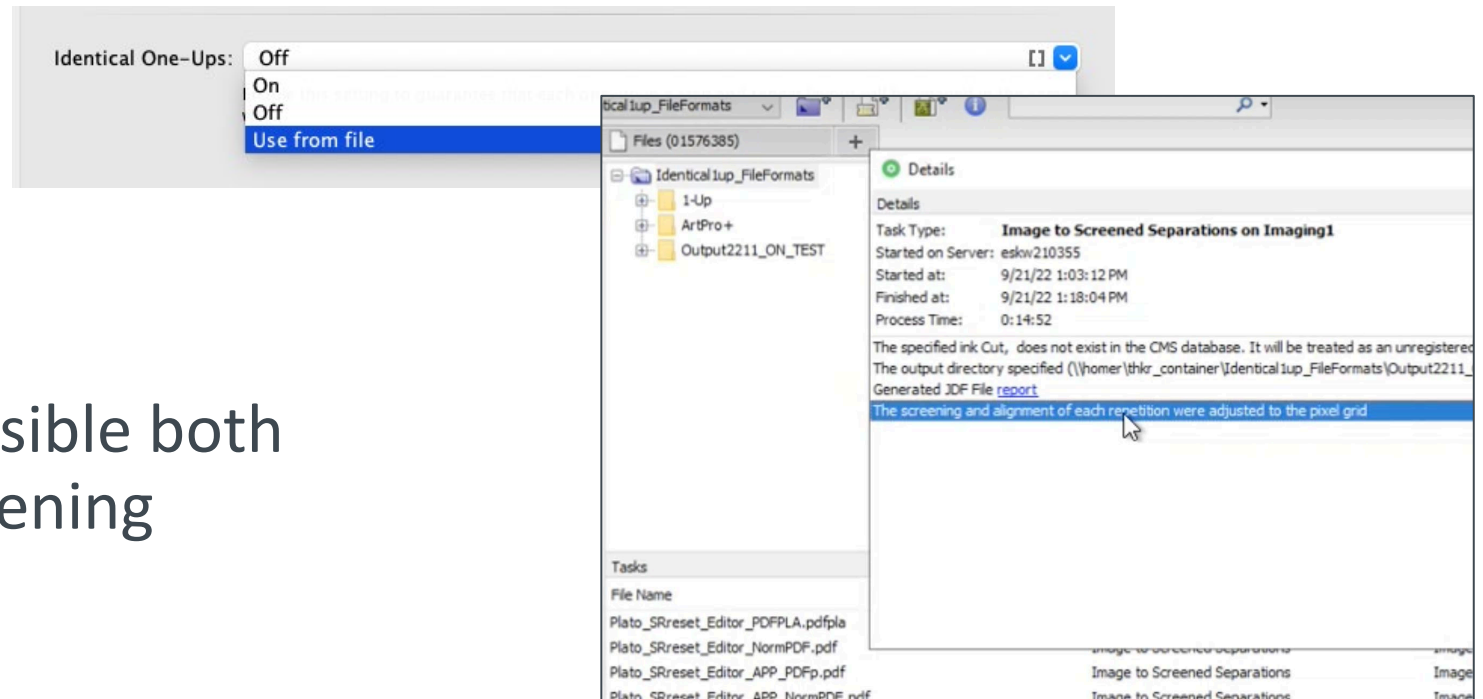
Product Manager Flexo Software

# Imaging Engine: Adobe Print Engine 6.0



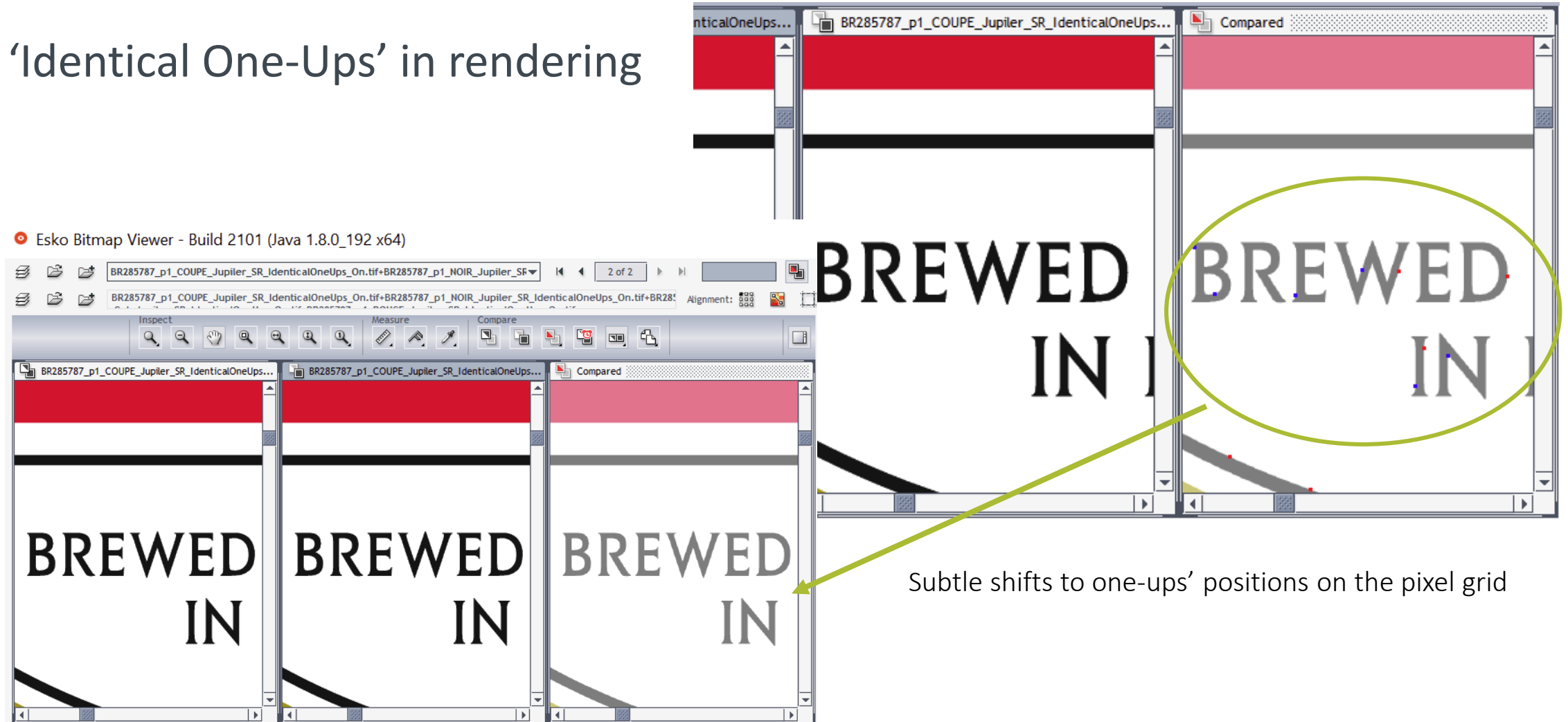
# Imaging Engine: Identical One-Ups

- Support for identical one-ups in Step&Repeat files, both for screened and unscreened output
  - Rendering tab
  - Default is 'Off'
- As pixel-identical as possible both in rendering and in screening



# Imaging Engine: Identical One-Ups

- 'Identical One-Ups' in rendering



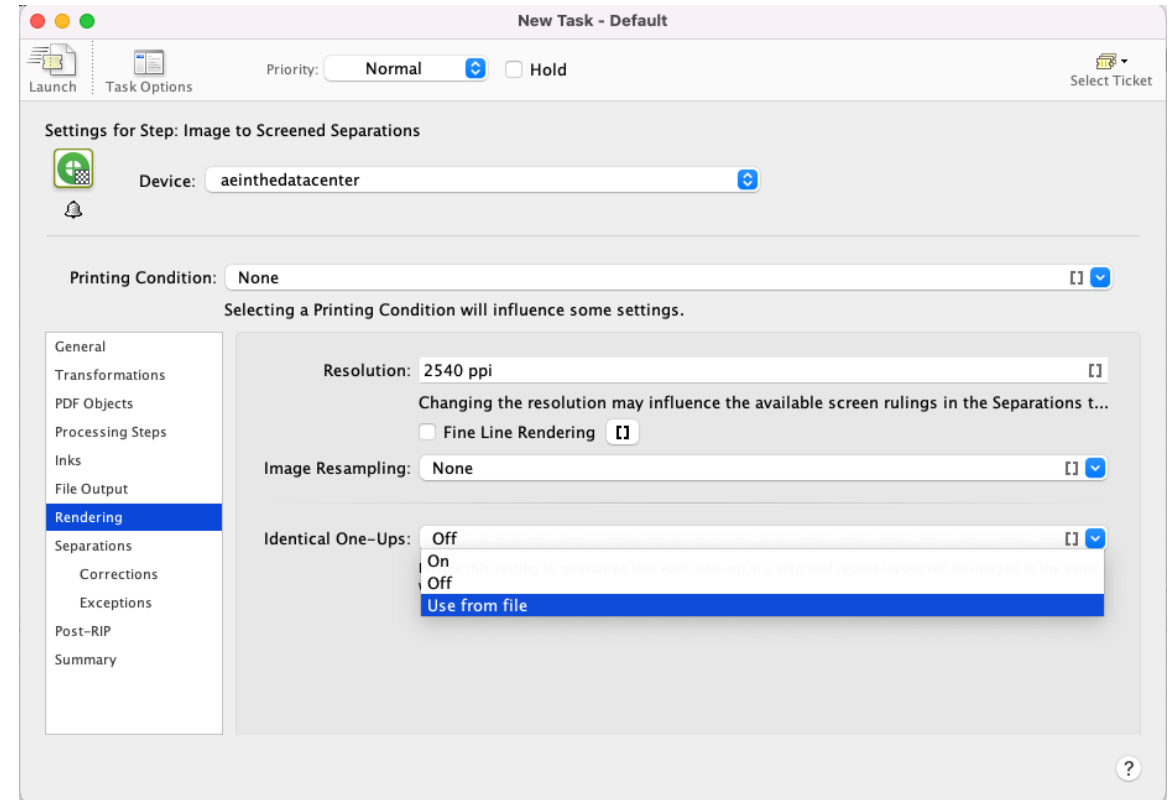
# Imaging Engine: Identical One-Ups

- 'Identical One-Ups' in screening
  - The screen is reset for each one-up – this is equivalent to the Plato 'Screen registration' from FlexRip



# Imaging Engine: Identical One-Ups

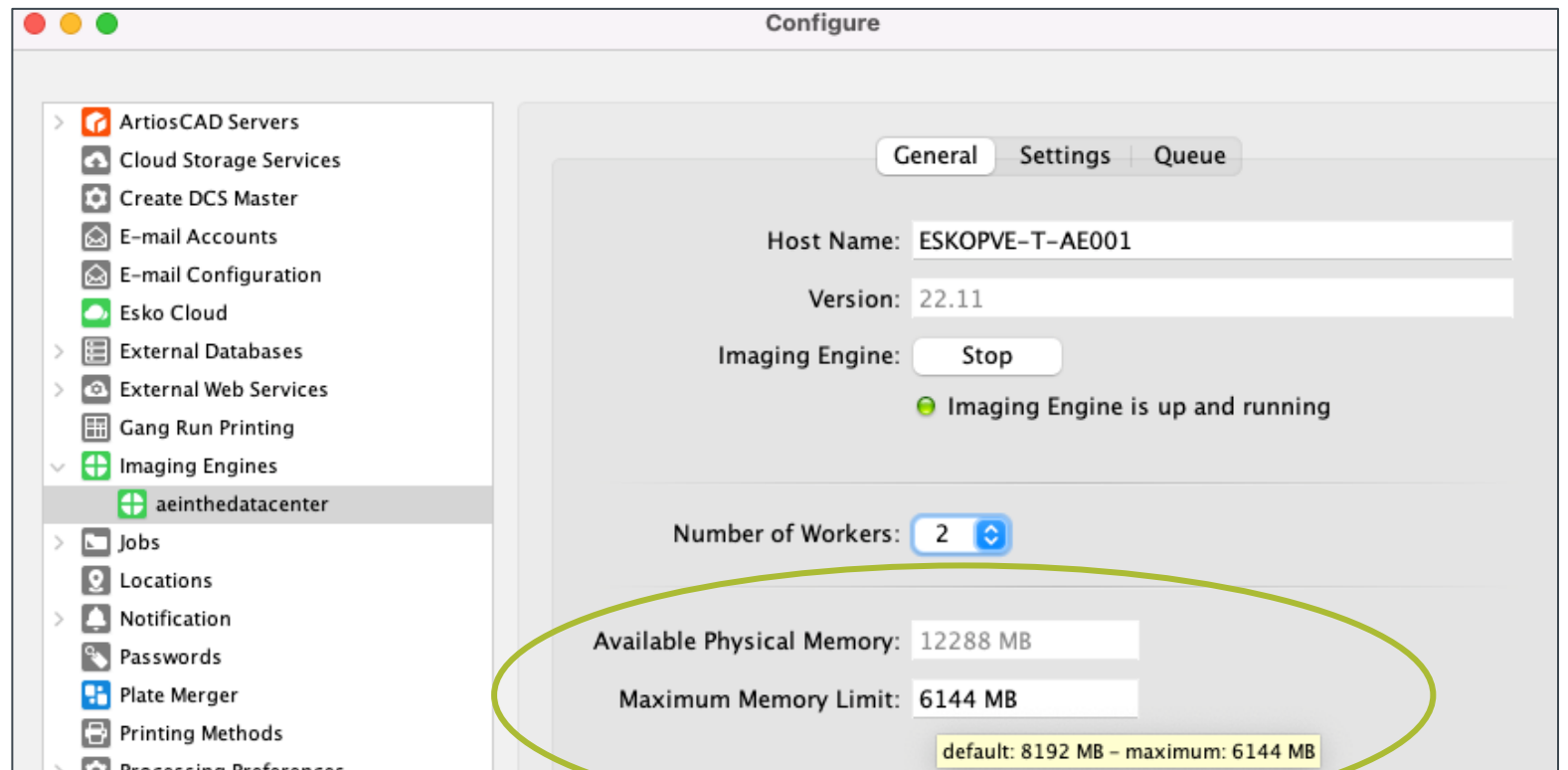
- 3 Options in Ticket
  - On
    - PDF normalized with 'OneUp' information
    - PDF+ S&R or with placed art
  - Off
    - Whatever is in the input file, 'Identical One-Ups' feature will not be executed
  - Use from file
    - only applicable to Plato files with the Screen Registration parameter filled in



*Note: for now the 'Identical One-Ups' feature only supports one-ups that have the same rotation in the Step & Repeat file.*

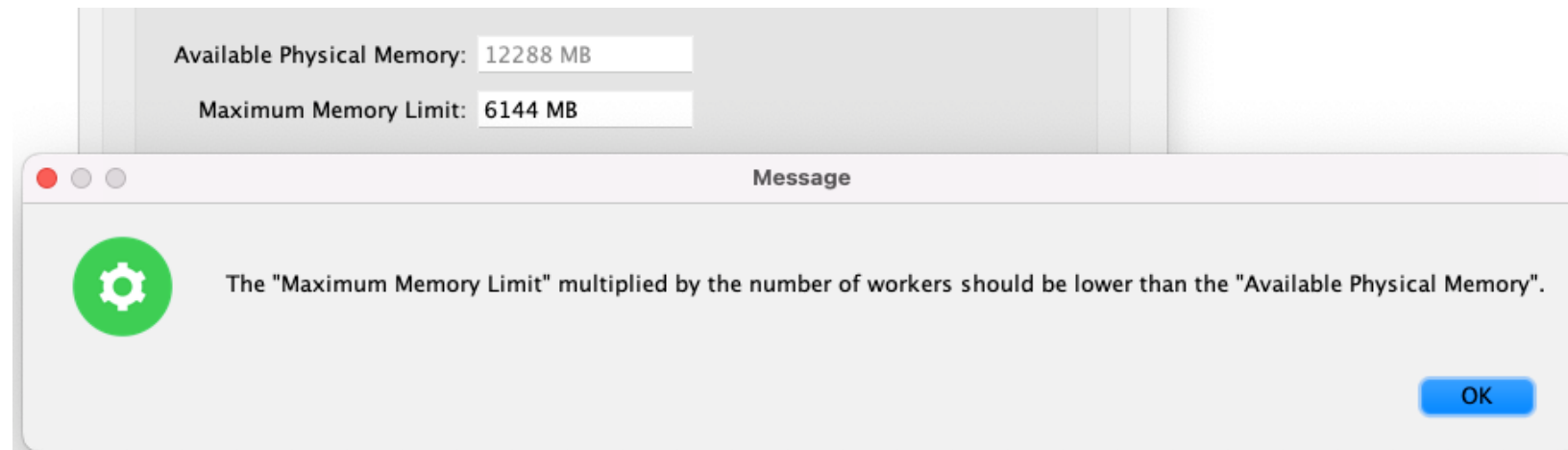
# Imaging Engine: Max Memory limit in Configure

- To rip really complex files which gave an out of memory
- You can now raise that limit iso manual change of a program file (which was lost after update)



# Imaging Engine: Max Memory limit in Configure

- The Maximum Memory Limit cannot be larger than the Available Physical Memory divided by the Number of Workers
- Be careful: only change when really required!

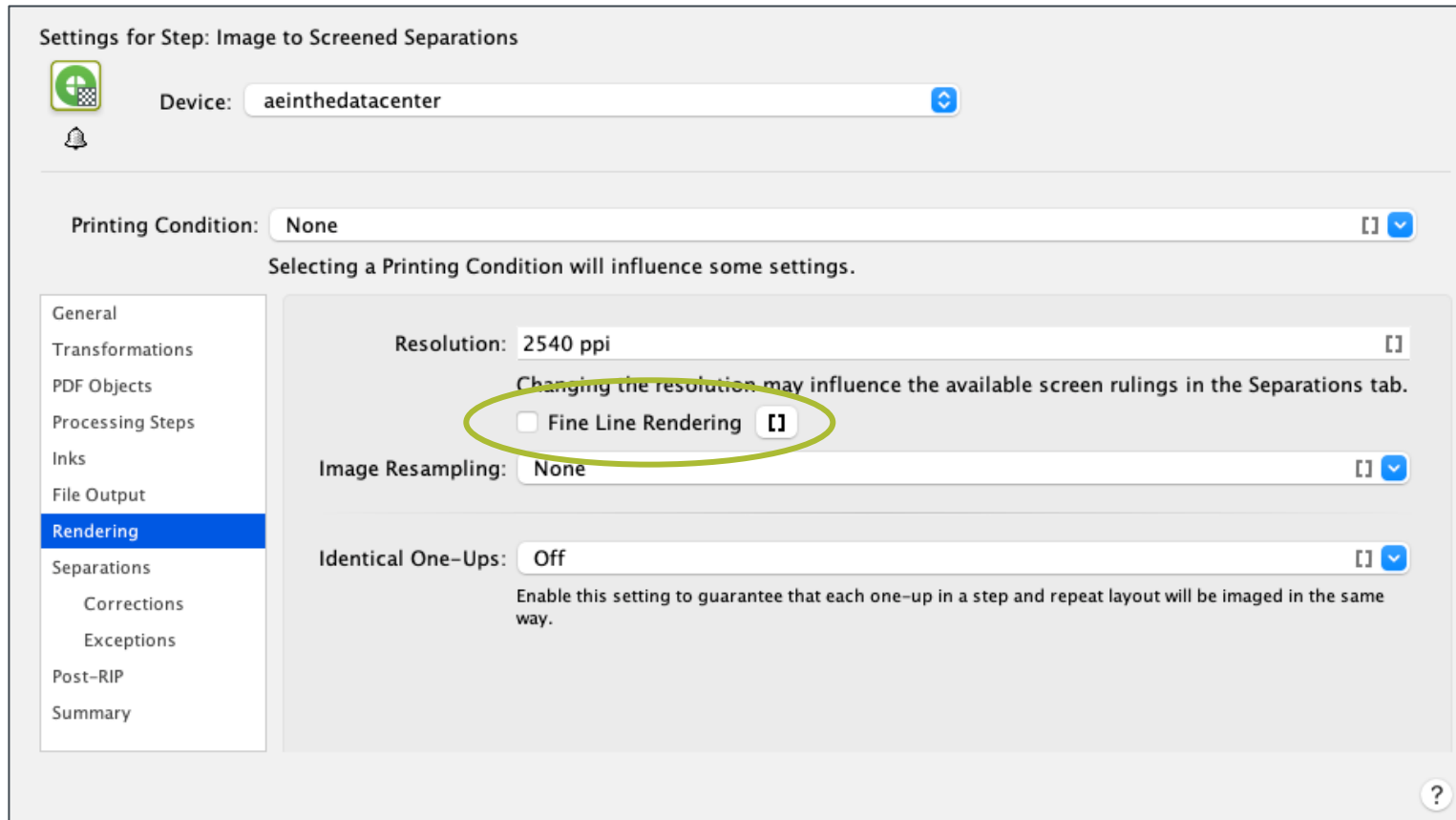


- *A feature requested by Imaging Engine users*



# Imaging Engine: removed option 'compensate'

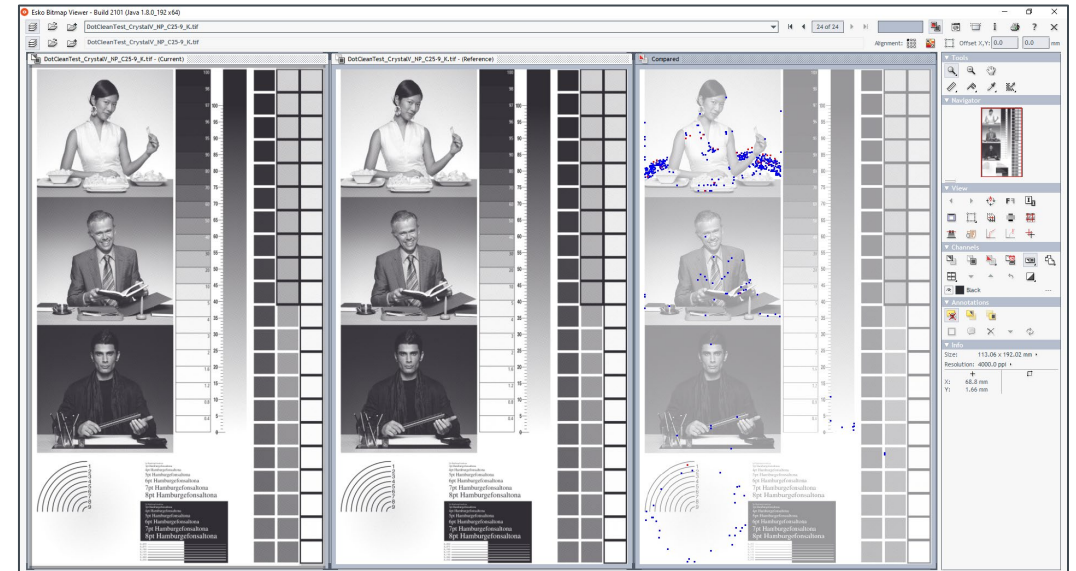
- The old option 'Compensate for outline thickness' has been removed
- Replaced by the 'Fine Line Rendering' option, which was introduced in 20.1



- You will get a message when using the old option:
- when opening the ticket
  - in the task details
  - in the log file

# Imaging Engine – Dot Cleanup

- The 'Clean up Scum dots' in the Imaging Engine Ticket (Post Rip tab) has been **optimized for Crystal V** (made with Print Control Wizard). This results in better output
- Previous cleanup implementation with 2 mindots had some weaknesses:
  - screens that mix solid dots with P+ dots were losing gray level when cleaned up
  - dot compacting criteria was not always working on Crystal V NP screens



# AE/IE Tools working with licenses on SaaS

- For the Automation Engine Tools (Color Pilot, Curve Pilot, Screen Manager), there is no need for a local license anymore. The tools will also work if the license is activated on the SaaS server.
- So when using the 'Automation Engine SaaS Tools 22 installation' on a clean system, you only need a 'CustID' license to be activated locally on the Network License Manager.
- Note that this is not the case yet for the HD Flexo Screens application. In this case a license is required locally for the HD Flexo app and HD Flexo Screens.

ESKO\*