What's New in Color Pilot 22.03

Martin Cusack

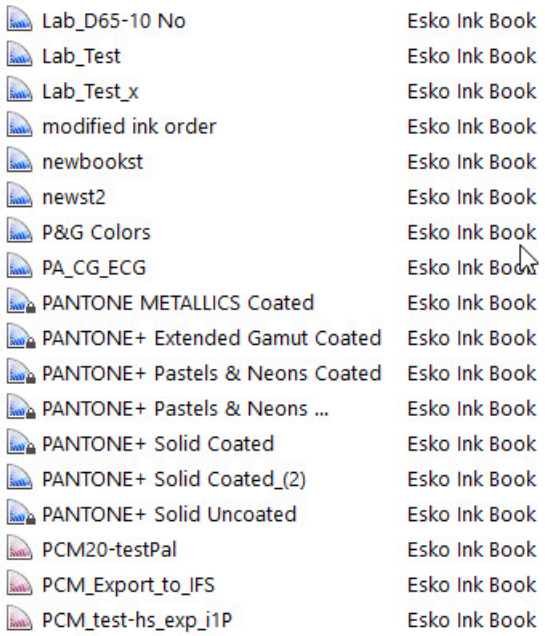
Product Manager

March 28, 2022

PANTONE®
COLOR OF THE YEAR 2022

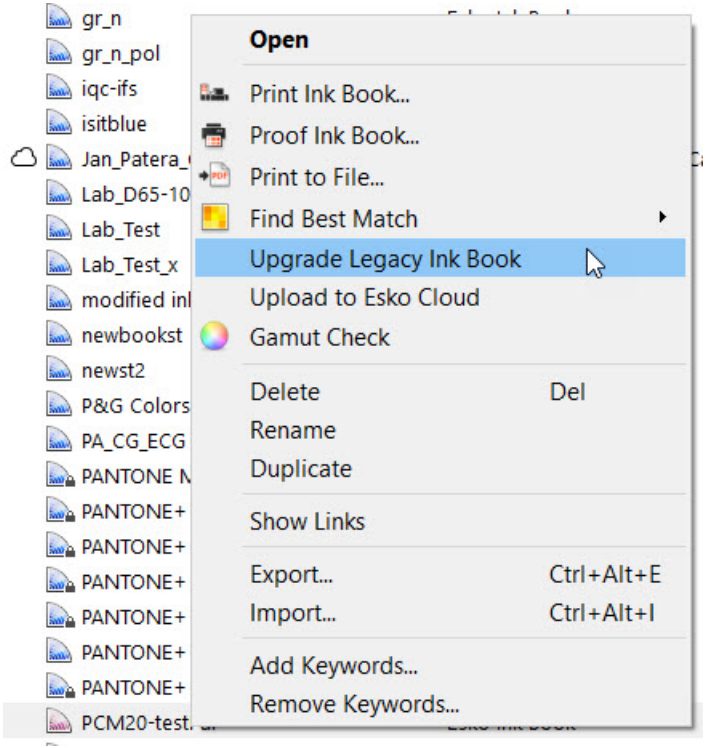
New ink books: by default in JSON format

- Ink Books: The creation of RDB based ink books (classic format, purple icon) is no longer possible.
- This encourages users to move to the new JSON based format books (blue icon) which is technically more modern, shows higher performance in terms of stability.



The new and improved .JSON ink books, by default

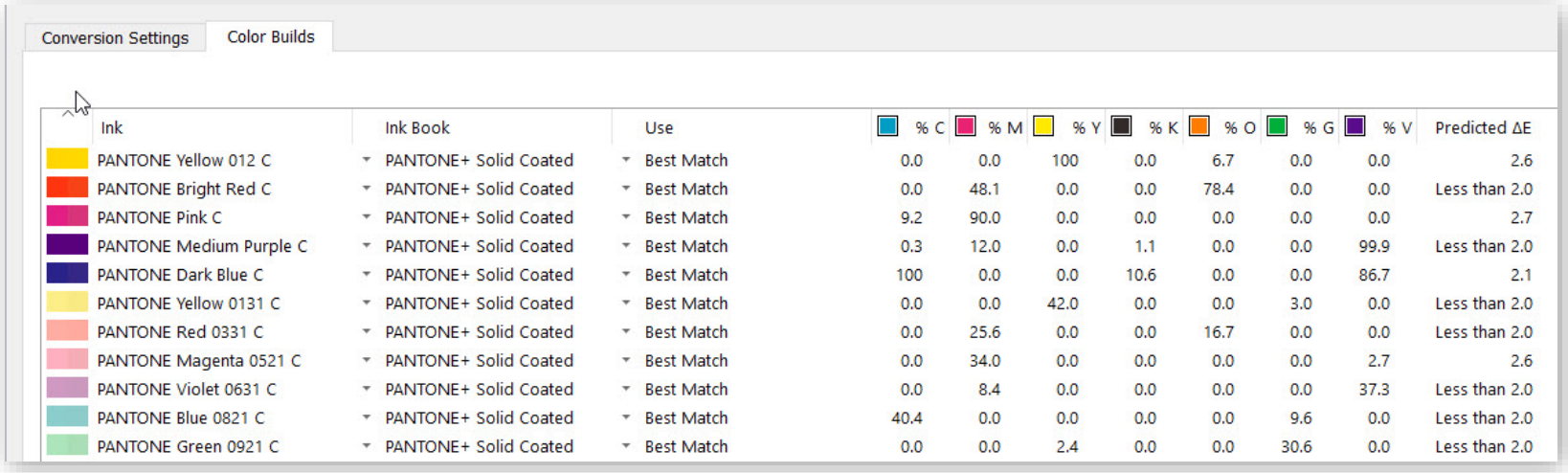
- The standard PANTONE inkbooks are still in RDB format. Only in a SAAS environment they come as standard in JSON format.
- Existing RDB books are left untouched, but can easily be upgraded.



after cal.jpg

Dynamic Content: barcode parameters from XML

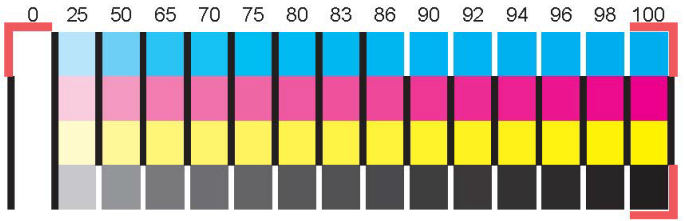
- Improvement for *Equinox color builds* in strategies: When using a multicolor icc profile as output device, they are more accurate.



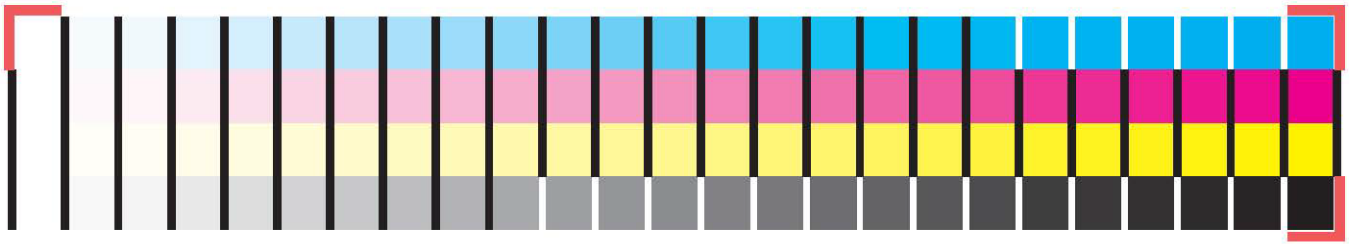
Ink	Ink Book	Use	% C	% M	% Y	% K	% O	% G	% V	Predicted ΔE
PANTONE Yellow 012 C	PANTONE+ Solid Coated	Best Match	0.0	0.0	100	0.0	6.7	0.0	0.0	2.6
PANTONE Bright Red C	PANTONE+ Solid Coated	Best Match	0.0	48.1	0.0	0.0	78.4	0.0	0.0	Less than 2.0
PANTONE Pink C	PANTONE+ Solid Coated	Best Match	9.2	90.0	0.0	0.0	0.0	0.0	0.0	2.7
PANTONE Medium Purple C	PANTONE+ Solid Coated	Best Match	0.3	12.0	0.0	1.1	0.0	0.0	99.9	Less than 2.0
PANTONE Dark Blue C	PANTONE+ Solid Coated	Best Match	100	0.0	0.0	10.6	0.0	0.0	86.7	2.1
PANTONE Yellow 0131 C	PANTONE+ Solid Coated	Best Match	0.0	0.0	42.0	0.0	0.0	3.0	0.0	Less than 2.0
PANTONE Red 0331 C	PANTONE+ Solid Coated	Best Match	0.0	25.6	0.0	0.0	16.7	0.0	0.0	Less than 2.0
PANTONE Magenta 0521 C	PANTONE+ Solid Coated	Best Match	0.0	34.0	0.0	0.0	0.0	0.0	2.7	2.6
PANTONE Violet 0631 C	PANTONE+ Solid Coated	Best Match	0.0	8.4	0.0	0.0	0.0	0.0	37.3	Less than 2.0
PANTONE Blue 0821 C	PANTONE+ Solid Coated	Best Match	40.4	0.0	0.0	0.0	0.0	9.6	0.0	Less than 2.0
PANTONE Green 0921 C	PANTONE+ Solid Coated	Best Match	0.0	0.0	2.4	0.0	0.0	30.6	0.0	Less than 2.0

New features for digital presses (1)

- The *ink percentage* is added above the patches of ink limitation charts.
- The *date and time* stamp is added to charts send from Color Pilot to the DFE.



1. Ink Limitation per Ink | Tuesday, 15 March 2022 15:36:54

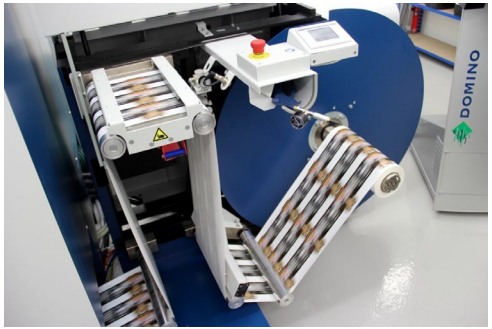


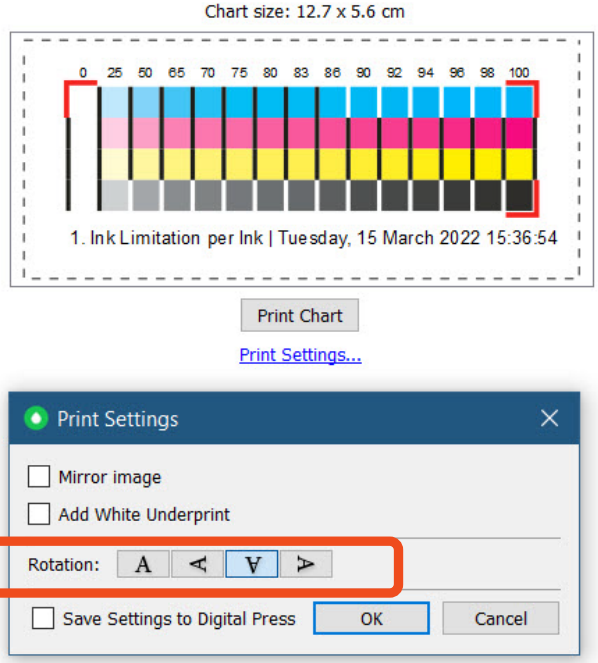
2. Linearization | Tuesday, 15 March 2022 15:38:00

New features for digital presses (2)

- A *rotation of ink limitation charts* is now possible.

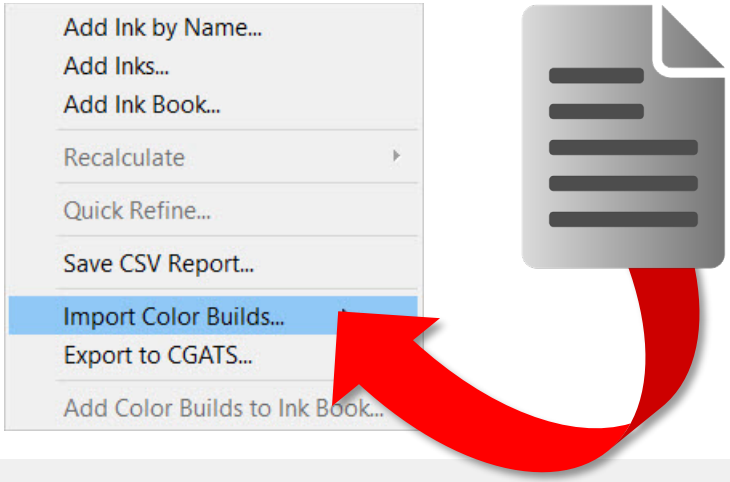
NOTE: The digital press software must be able to interpret the rotation setting in the .XML that is sent along with the pdf charts. We do not send rotated charts to the press. ⚠





Import color builds from GMG

- Smart import of GMG color builds in Equinox strategies



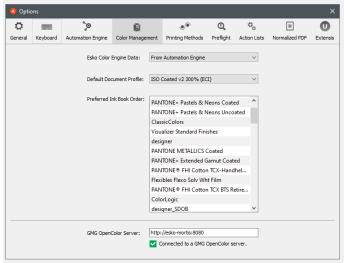
Conversion Settings | Color Builds

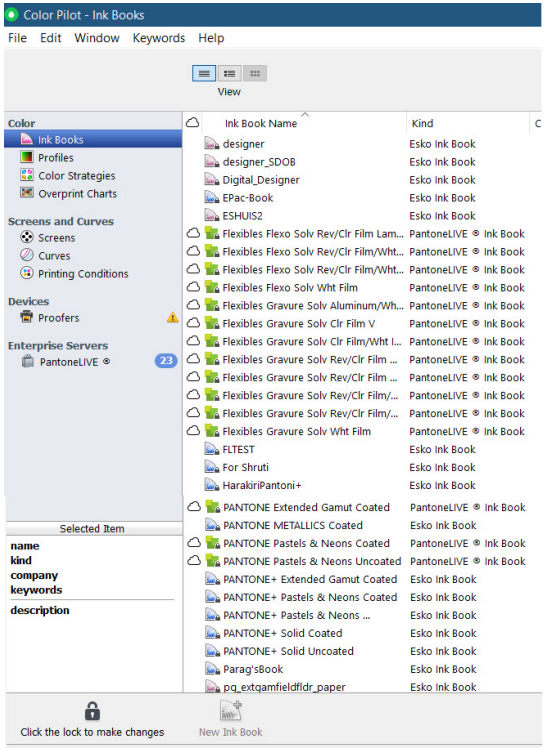
Conversion Values

Ink	Ink Book	Use	% C	% M	% Y	% K	% O	% G	% V	Predicted ΔE	Info	Comment	Date Modified
PANTONE 100 C	7C_Konv_FPS-Sun Gen 5 Ad...	Custom Values	0.0	0.0	68.1	0.0	0.0	2.2	0.0	2.7		Imported from file 7C_Konv_FPS-Sun Gen 5 Adv ...	09/03/2022 15:01
PANTONE 108 C	7C_Konv_FPS-Sun Gen 5 Ad...	Custom Values	0.0	0.0	100	0.0	5.0	0.0	0.0	3.8		Imported from file 7C_Konv_FPS-Sun Gen 5 Adv ...	09/03/2022 15:01
PANTONE 109 C	7C_Konv_FPS-Sun Gen 5 Ad...	Custom Values	0.0	0.0	100	0.0	13.8	0.0	0.0	2.8		Imported from file 7C_Konv_FPS-Sun Gen 5 Adv ...	09/03/2022 15:01
PANTONE 110 C	7C_Konv_FPS-Sun Gen 5 Ad...	Custom Values	0.0	0.0	100	0.0	45.3	26.5	0.0	4.3	⚠ Unmeasur...	Imported from file 7C_Konv_FPS-Sun Gen 5 Adv ...	09/03/2022 15:01
PANTONE 111 C	7C_Konv_FPS-Sun Gen 5 Ad...	Custom Values	0.0	0.0	100	0.0	69.3	58.4	0.0	11.5	⚠ Unmeasur...	Imported from file 7C_Konv_FPS-Sun Gen 5 Adv ...	09/03/2022 15:01
PANTONE 112 C	7C_Konv_FPS-Sun Gen 5 Ad...	Custom Values	0.0	0.0	92.5	56.0	14.2	0.0	0.0	6.4		Imported from file 7C_Konv_FPS-Sun Gen 5 Adv ...	09/03/2022 15:01
PANTONE 113 C	7C_Konv_FPS-Sun Gen 5 Ad...	Custom Values	0.0	0.0	71.4	0.0	4.8	0.0	0.0	Less than 2.0		Imported from file 7C_Konv_FPS-Sun Gen 5 Adv ...	09/03/2022 15:01

PantoneLIVE for data center

- AE SaaS: It is now possible to synchronize PantoneLIVE libraries with a data center.
- An administrator enters the PantoneLIVE credentials in Color Pilot 22.03, all other users such as Artpro+ editors now have access to the Libraries

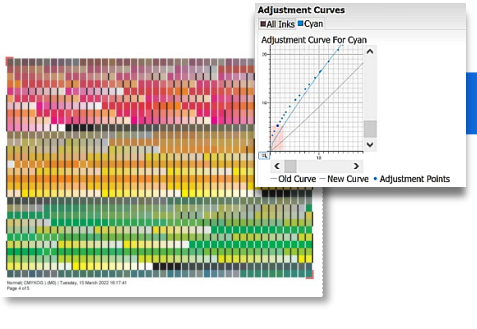




Information about highlights in printing conditions

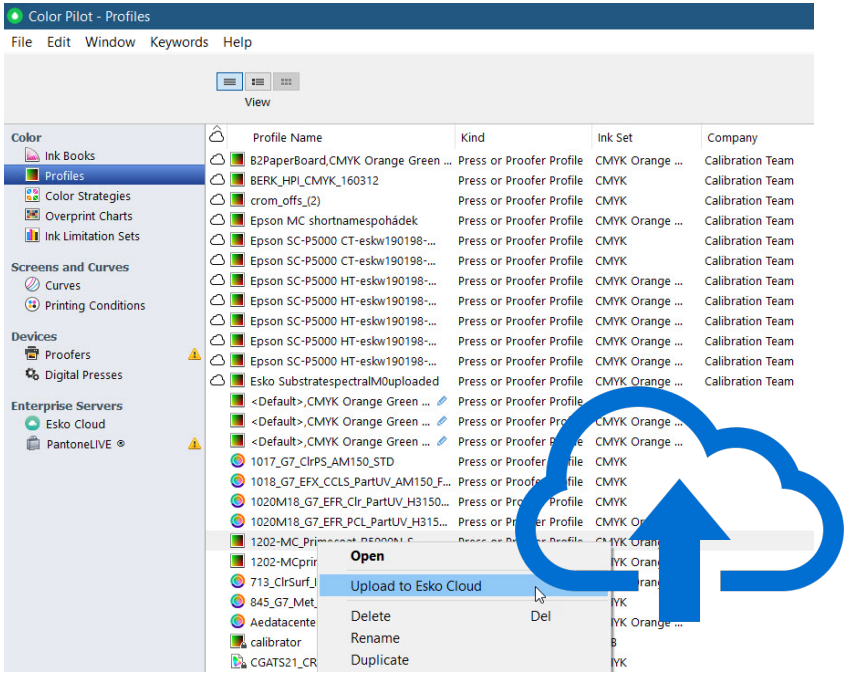
- Profiles: when making a press profile that is synchronized to a printing condition, information about the highlight area is added.

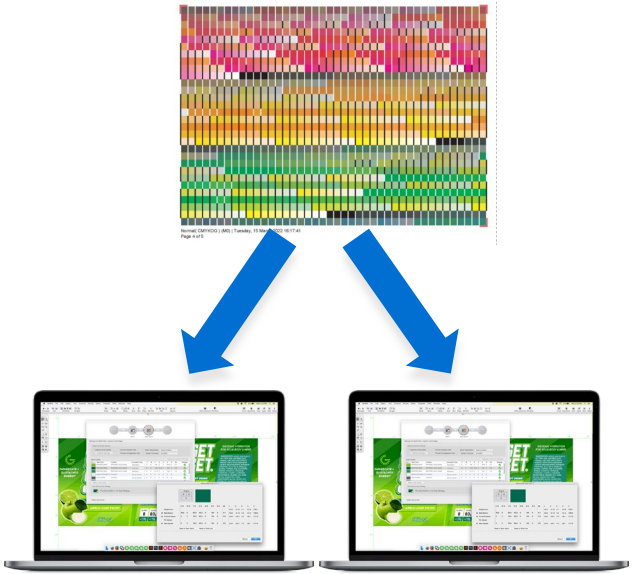
This information is used when converting through the profile, simulating your flexo press on the proofing device or digital press (bump is simulated). This is done in background, stored in the profile as metadata, and is not visible in the interface.



Prerelease feature: uploading profiles

- PRERELEASE feature for Esko Cloud: Uploading of Esko Profiles.





ESKO

Thank you!