Print Control Wizard

What's New in Version 20.0

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Print Control Wizard 20.0 What's New

User Interface

Value for maintenance

- Colour Engine Pilot is the interface
- New screens and curves view

New implementation process

Value for maintenance

- Move from two press runs to one to create screens and curves
- New 4 colour test chart
- Produce your own fingerprint charts
- Fast scan mode for min dot calibration

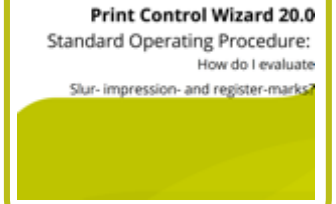
Platemaking Wizard

Value for maintenance

- Pixel+ set up per plate type or printing environment
- Non-Pixel+ process

Printing Wizard

Value for maintenance



- Step by step process wizard
- New Standard Operating Procedures to assist with quality control
- G7 support

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Print Control Wizard 20.0 What's New

Reporting
One button reporting on the fingerprint

Value for maintenance

- Fully automated
- Customizable

UV Flexo
Screens and process for UV Flexo

New Module

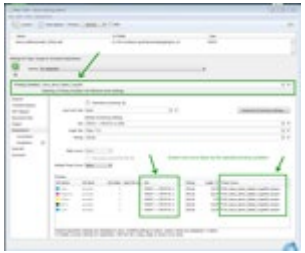
- Simplified Print Control Wizard for UV Flexo
- UV Flexo crystal Screens

White Ink Wizard
For flexible packaging

Value for maintenance

- New White Crystal screens specifically for Flex Pkg white ink

Printing Condition
Package of data used in Imaging Engine



- Automated creation of data required for flexo plate optimization: *DGC, Screen, Min Dot Size, Bump Up, Transition Point, Dot Clean Up*
- Easy to set up a new Imaging Engine ticket

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Print Control Wizard 20.0: Overview of the new user interface

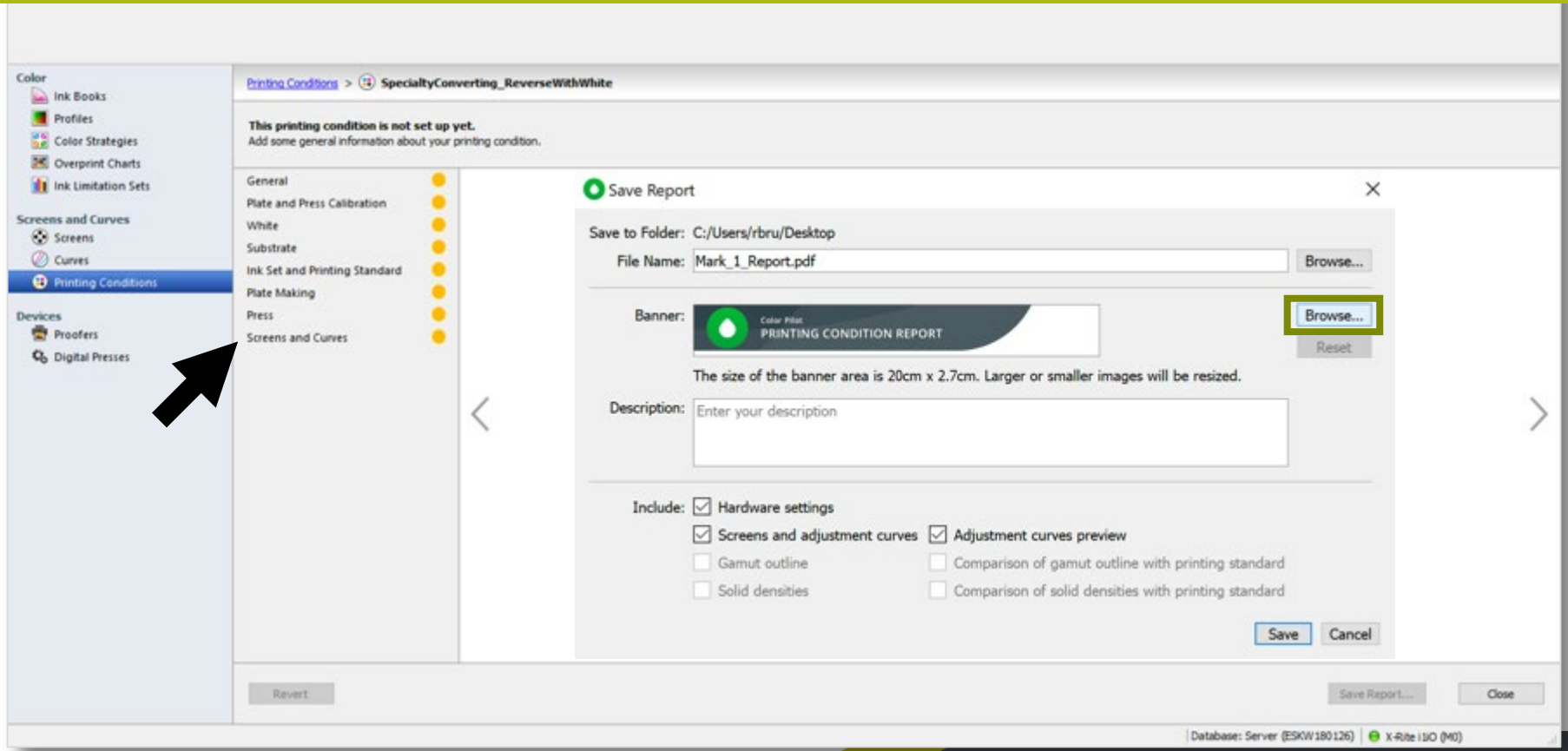
Value for maintenance

Print Control Wizard 20.0: New implementation process

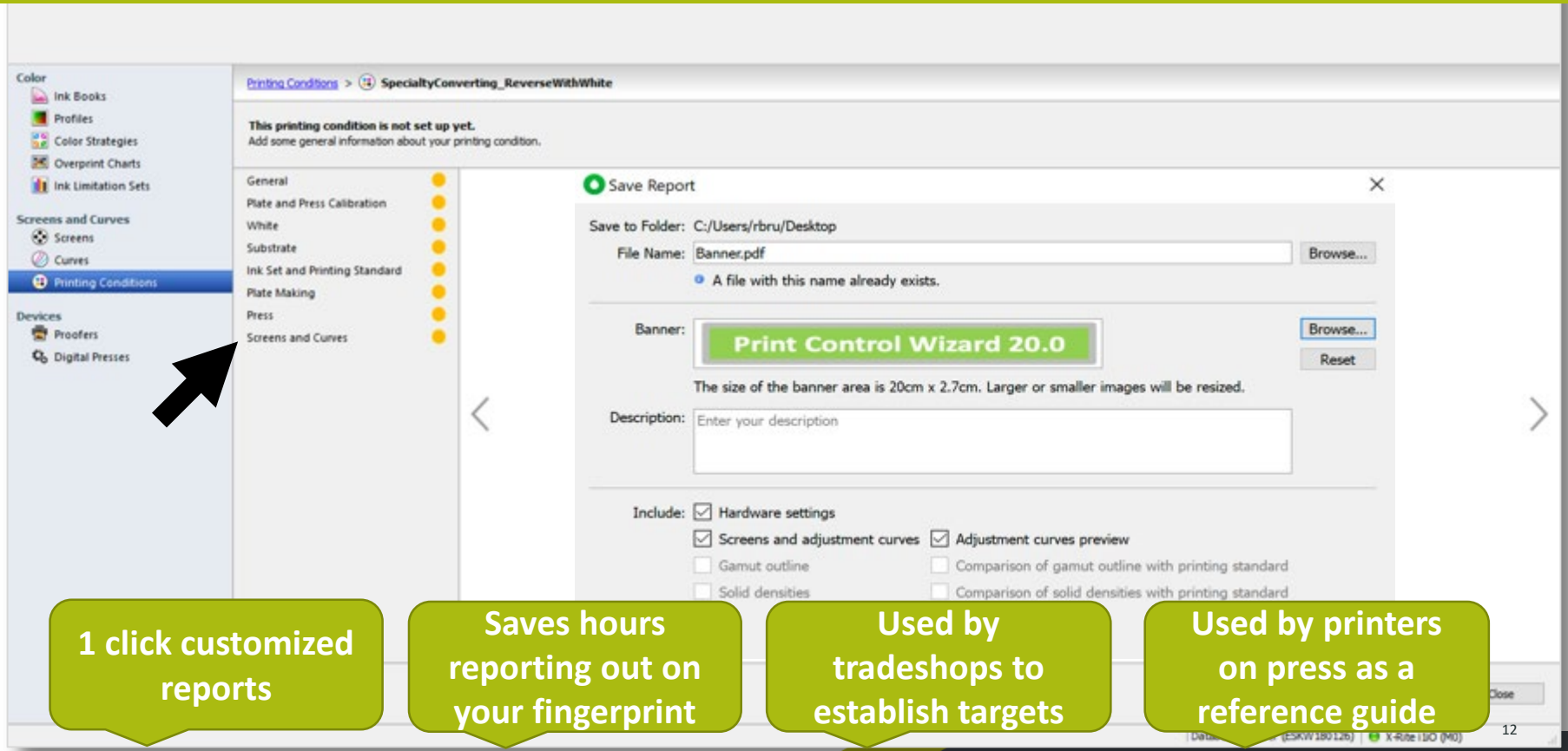
Print Control Wizard 20.0: Platemaking Wizard

Print Control Wizard 20.0: Reporting

Customise your reports



Customise your reports



1 click customized reports

Saves hours reporting out on your fingerprint

Used by tradeshops to establish targets

Used by printers on press as a reference guide

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Print Control Wizard 20.0: UV Flexo

UV Flexo

- Same process driven user interface is used for both Flexible Pkg & UV Flexo
- Custom screens for UV Flexo
- Support for both Pixel+ & Non Pixel+ CDIs

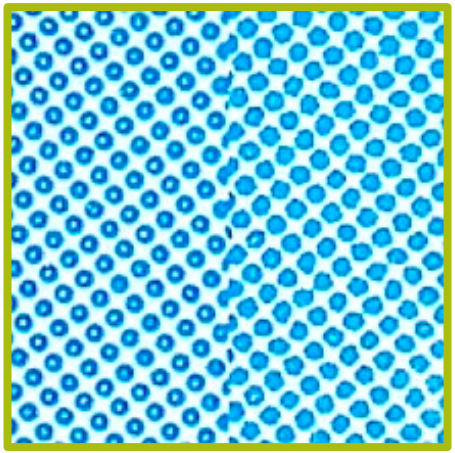
Impact on press

Screening type

Standard Crystal

Screening type

Standard Crystal



From research we see a positive impact when using surface screen on non-porous substrates. The type of surface screen can be different depending on the press/print configuration

Print Control Wizard 20.0: White Ink

40% white ink opacity

50% white ink opacity

60% white ink opacity

White Ink Wizard: Why?

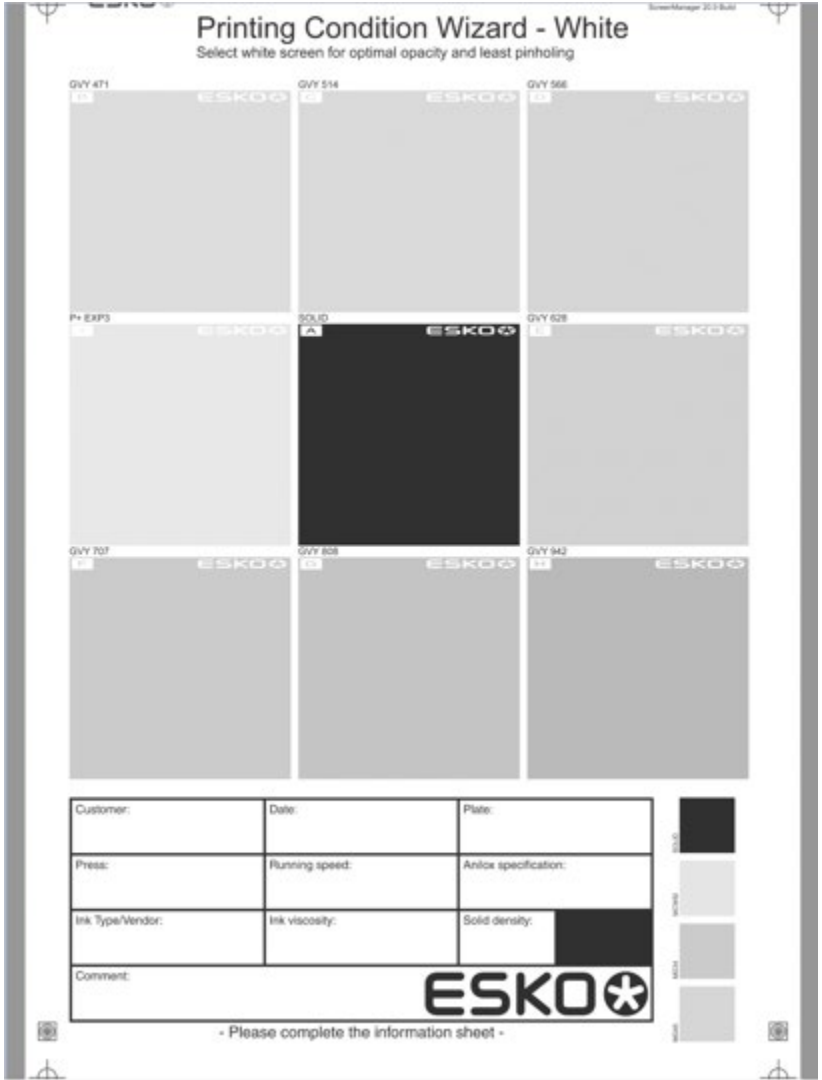
- White is the most common ink used in flexible pkg & therefore has the highest cost
- Controlling your white ink can:
  - Save ink.
  - Improve Print Quality. Image reproduction enhanced

14cm3/m2 anilox	12cm3/m2 anilox
57% opacity	57% opacity
High mottle	No mottle
3.2g/m2 ink weight	2.8g/m2 ink weight
Impact	**Impact**
High opacity	High opacity
Lower print quality	Higher print quality
High ink cost	10% reduction ink cost

Evaluating White Ink

There are 3 pillars to optimise white ink

1. ***Opacity***. Is the standard metric for measuring white ink
2. ***Mottle***. You need to remove pinholes from your white for good image reproduction and ink laydown
3. ***Ink weight***. Reduce ink weight means lower white ink consumption & costs



White Ink Wizard

- Crystal White screens which can be used for heavy anilox applications
- Designed for Flexible Packaging solvent-based inks
- Both Polyurethane (PU) and Nitro-cellulose (NC) inks supported
- Simple to use and implement with Print Control Wizard

Patent 63/035,303

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