Agenda
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1. PantoneLIVE changes
2. CxF3 export
3. Refine Ink wizard improvement
4. Equinox improvements
5. ILS30 support
6. Miscellaneous
PantoneLIVE changes
CEP 14.1 – Simplified PantoneLIVE licensing architecture

- PantoneLIVE licenses are now sold by **X-rite**
  - PantoneLIVE license = My X-rite account + activation code
    - Subscription (PLIVE 1Yr Lic Production Apps (PLV-PRD))
    - Site license
  - Activation code used in Color Engine Pilot

- **Esko is not involved anymore**
  - No Esko product key required
  - No activation of PantoneLIVE in the preferences of the client applications
  - PantoneLIVE client applications (FP / AP / PE / DP) will use a PantoneLIVE API to verify if a site license is available.

- PantoneLIVE account must be re-registered in the CMS database after upgrading to 14.1!
  - Start CEP before running production!
CEP 14.1 – Simplified PantoneLIVE licensing architecture

- Re-validation (update timestamp) of the PantoneLIVE account required!
  - Expiration date = 60 days
  - At start-up time of CEP
  - At start-up time of the CMSserver.exe from AE

SIMPLIFICATION:

- 1 X-rite activation code
- No Esko licenses
- No PantoneLIVE preferences
NEW AE task: Apply PantoneLIVE Condition
- Replace non process inks with PantoneLIVE inks
AE 14.1 – Apply PantoneLIVE Condition

- Accepted input ink books
  - All Pantone ink books
  - All PantoneLIVE dependent standard ink books
- Ink mapping to 1 dependent standard ink book

<table>
<thead>
<tr>
<th>Name check of the inks in the file</th>
<th>Ink book lookup</th>
<th>Classification</th>
<th>Action done by the task</th>
</tr>
</thead>
<tbody>
<tr>
<td>Name matches pattern of PantoneLIVE master</td>
<td>Name found in PantoneLIVE library</td>
<td>PantoneLIVE master</td>
<td>Remap ink</td>
</tr>
<tr>
<td></td>
<td>Name not found</td>
<td>Not PantoneLIVE</td>
<td>Do not remap ink + Issue warning message</td>
</tr>
<tr>
<td>Name matches pattern of PantoneLIVE dependent</td>
<td>Name found in PantoneLIVE library</td>
<td>PantoneLIVE dependent</td>
<td>Remap ink</td>
</tr>
<tr>
<td></td>
<td>Name not found</td>
<td>Not PantoneLIVE</td>
<td>Do not remap ink + Issue warning message</td>
</tr>
<tr>
<td>Name matches neither pattern</td>
<td>None</td>
<td>Not PantoneLIVE</td>
<td>No action</td>
</tr>
</tbody>
</table>
CEP 14.1 – Deleting PantoneLIVE ink books

- NEW! Delete a PantoneLIVE ink book
CxF export
**CEP 14.1 – CxF export**

- CxF= exchanging ink books (with 3rd party solutions)
- Export to CxF **version 3** only

Note: Tints are NOT exported!

<table>
<thead>
<tr>
<th>IMPORT</th>
<th>EXPORT</th>
</tr>
</thead>
<tbody>
<tr>
<td>CEP 10.x</td>
<td>CxF 2.0</td>
</tr>
<tr>
<td>CEP 12.1</td>
<td>CxF 3.0</td>
</tr>
<tr>
<td>CEP 14.0</td>
<td>CxF 3.0</td>
</tr>
<tr>
<td>CEP 14.1</td>
<td>CxF 3.0</td>
</tr>
</tbody>
</table>
Refine Ink wizard
Add extra patches to fill page
CEP 14.1 – Add extra patches to fill page

- Default behavior in CEP14.0 -> fill the page with patches
  - Not always desired, e.g. if you have only a few patches to refine
- New option in CEP 14.1: “Add extra patches to fill page”
Equinox Improvements
Show LabCH of the target
Black generation for CMYK spot builds
The refine color build tool now shows the original values:
Black generation for CMYK spot builds

- Choose between 2 black generation options:
  - Minimal Black
  - Maximum Black
Black generation for CMYK spot builds

- **Maximum Black** is the default for new Equinox strategies (14.1)
- Old black generation algorithm preserved for <14.1 Equinox strategies
  - **CMYK inkset**: Minimal Black
  - **CMYK+ with OGB disabled**: Maximum Black

- **Use case:**
  - CMYK ink set
    - Maximum black reduces the TAC
    - Maximum black reduces sometimes the number of channels
    - The color builds are easier and more economical to print
ILS30 support
ILS 30 support

- Support for the new SpectroProofer-UVS (ILS30) in v14.1
  - Only in combination with Pack Proof (not FlexProof/e)!

- ILS30 features
  - Supports the following measurement conditions: M0, M1 and M2
  - Support up to 50 percent more patches per scan
  - Slightly faster measurement times

- The ILS30 and ILS20 charts are not compatible!
ILS 30 support

- **Enabling the ILS30 in Color Engine Pilot**
  - Why? CEP needs to know which type of charts to generate. The proof server doesn’t provide that information.
  - Add the following environment variable: `KSCOPE_ILS30` (value=1)

- **Enabling the ILS30 on the proof server side**
  - Choose the correct measurement condition
    - Ignore this option in case of an ILS20 (always M0)

- **Read KB (170044850) when replacing the ILS20 with the ILS30:**
  - [https://wiki.esko.com/display/KBAS/KB170044850%3A+Pack+Proof+-+How+to+switch+between+ILS20+and+ILS30+measuring+devices](https://wiki.esko.com/display/KBAS/KB170044850%3A+Pack+Proof+-+How+to+switch+between+ILS20+and+ILS30+measuring+devices)
Miscellaneous
Bits and bytes

● **AE: Convert colors with Equinox**
  - NEW: flatten document option

● **AE: Manage color**
  - Clear cache during activate server
    - To take advantage of the latest developments in ink saving algorithms. In case of an activate server the reseparation device link cache will be cleaned (and recalculated when needed)

● **AE: Manage color**
  - NEW: Convert color space action → Use black point compensation
Bits and bytes

Green = source
Blue = destination
Bits and bytes

- CMS: Clean up of old profiles and device links (if not used!)
  - Done during the post install

14.0

14.1
Bits and bytes

14.0

14.1