

What is new in Pack Proof 20.1



10th November 2020

Pack Proof 20.1 – based on EFI XF 7.1

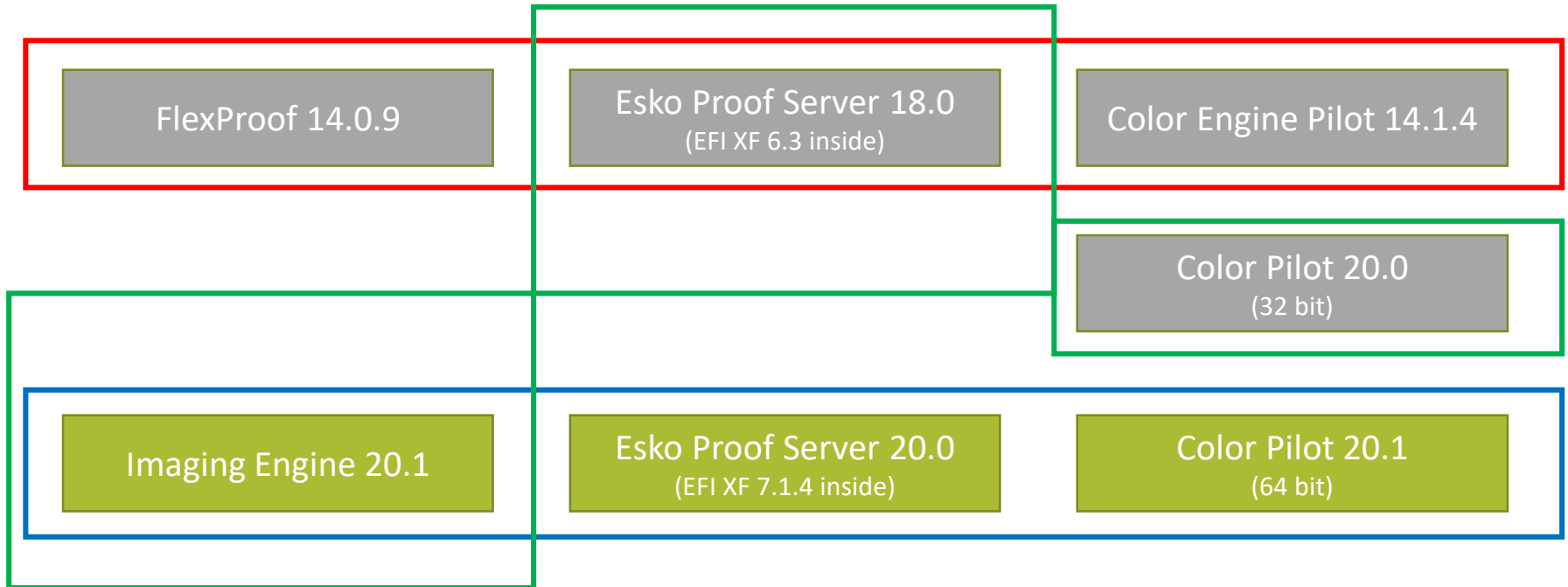
- Pack Proof includes the EFI Fiery XF server to drive a range of inkjet proofing devices
- Pack Proof 20.1 integrates a major update - XF 7.1:
 - Re-engineered software supports new operating systems (eg 64 bit)
 - Support for new proofer models
 - Support for i1Pro 3, i1Pro 3 Plus and i1iO 3 spectro devices in proof verification
 - Optimized user experience




Pack Proof 20.1 remains in “prerelease”

- Pack Proof 20.1 has been developed in collaboration between EFI and Esko
- Development is complete but due to timescale limitations the new proof server has not received extensive field testing
- To ensure continuity and security for our customers, Esko is keeping Pack Proof 20.1 in a **prerelease status**
 - It is not installed by default. It is only installed on demand
 - Customers can continue as before, and securely update their Esko software to version 20.1 (including Automation Engine, Imaging Engine...)
 - Once Pack Proof 20.1 has received more field testing, Esko will declare it **customer released** and make it generally available
- A choice of workflows are available – see following slides

Workflow choices – for security and compatibility



 New 20.1 software components shown in green

Red Box: legacy workflow (FlexProof E)

Green Box: default workflow (Pack Proof 20.0 compatible)

Blue Box: new workflow (Pack Proof 20.1 prerelease)



“Red Box” legacy workflow (FlexProof E)

FlexProof 14.0.9

Esko Proof Server 18.0
(EFI XF 6.3 inside)

Color Engine Pilot 14.1.4

- This workflow allows customers to continue running FlexProof E
 - FlexProof E was the proofing solution sold by Esko prior to 2015
- FlexProof E workflows are still supported in 20.1 but Esko advises customers to **update** to a Pack Proof workflow
 - FlexProof E is no longer developed. It will become outdated soon
 - Pack Proof contains many benefits compared with FlexProof
 - Contact Esko for information on updating to Pack Proof

“Green Box” Pack Proof 20.0 compatible workflow



- This is the default workflow for Pack Proof customers when upgrading to Esko 20.1 software
 - Nothing changes in the user experience
 - The only change is an updated Imaging Engine 20.1 containing fixes and enhancements
- The existing 18.0 (EFI XF 6.3 based) proof server is still used
 - This is in the field for many years so has known reliability
 - It does not support the latest proofing devices, or the i1Pro3 series
 - Color Pilot 20.0 must be used

“Blue Box” prerelease Pack Proof 20.1 workflow


Imaging Engine 20.1

Esko Proof Server 20.0
(EFI XF 7.1.4 inside)

Color Pilot 20.1
(64 bit)

- This workflow includes all the latest components
 - Including Proof Server 20.0 (EFI XF 7.1.4) and Color Pilot 20.1
 - This workflow is **the only way** to access the new features of Proof Server (support of new proofer models) or of Color Pilot 20.1
- The Blue Box workflow is in **prerelease mode**
 - It is not installed by default
 - Contact Esko if you are interested in joining the prerelease
 - You will need to sign a prerelease contract

Which workflow is the right one for you?


The default choice:
suitable for most
customers

Choose...	Because...
Green Box	<ul style="list-style-type: none">• This provides all the benefits of existing Pack Proof• Nothing changes in the user experience• You can update your Imaging Engine and Automation Engine to 20.1
Blue Box	<ul style="list-style-type: none">• You want to use the new features of Color Pilot 20.1• You need to drive new proofer models that are not supported by the Green Box workflow• You need to verify proofs using the i1Pro3
Red Box	<ul style="list-style-type: none">• You need to continue running FlexProof E for the time being for compatibility reasons

Fine Line Rendering in Imaging Engine 20.1

- Adobe PDF Print Engine (APPE) 5.5 is part of Esko Imaging Engine 20.1
- APPE 5.5 supports Fine Line Rendering which increases quality on
 1. Small text in certain fonts when converted to outlines (especially Asian glyphs)
 2. Fine art details
 3. Technical assets (barcodes, security elements like guilloches)
- Available in **Green Box** and **Blue Box** workflows by activating an option in the Imaging Engine ticket

Example **without** Fine Line Rendering

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Example **with** Fine Line Rendering

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New features of Color Pilot 20.1

Delta E threshold for background simulation

- Provides more control on how spot colors are rendered on the proof when simulating a modified substrate color

Tint behavior for unprofiled inks

- Provides more control on how tints of spot colors are simulated on the proof in the case that a profiled ink is not available
 - For best results when proofing spot colors, Esko recommends using profiled inks (either from your own measurements, or a library such as PantoneLIVE)

For more detail on these advanced options, please refer to the user documentation

These features are available only in the **Blue Box** workflow

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