Automation Engine, Imaging Engine, Pack Proof, Color Pilot and Curve Pilot 24.03 Release Notes

1. Introduction

This document gives an overview of the new features and changes in Automation Engine, Imaging Engine, Pack Proof, Color Pilot and Curve Pilot 24.03. It only covers the changes since version 23.11.

If you are updating from version 23.07 or earlier versions, we advise you to read the release notes of all versions between your current version and Automation Engine, Imaging Engine, Pack Proof, Color Pilot and Curve Pilot 24.03. You can find these on the online help for these versions (or on the product installer media for older versions).

1.1 Contents

2. Licensing and System Requirements

2.1 Licensing

Automation Engine, Imaging Engine, Pack Proof, Color Pilot and Curve Pilot 24.03 require version 24 licenses.

2.2 System Requirements

For a complete overview of the System Requirements, see the corresponding product pages on: https://www.esko.com/en/systemrequirements

Changes compared to 23.11:
- Dropped support for Windows Server 2012 and Windows Server 2012 R2 for Automation Engine, Imaging Engine, Pack Proof, Color Pilot, and Curve Pilot.
- The system requirements for FlexRip and FlexProof have been extended to support Windows Server 2016 and Windows 10 as well. This is the last extension that will be done. Esko Software 24.11 will be the last version that has FlexRip and FlexProof included.

Changes that can be expected in *a next* version:
- Dropped support for SQL Server 2014. Microsoft's extended support date for SQL Server 2014 is set to Jul 9th, 2024.

3. Documentation

In addition to these release notes, extensive documentation on the new features can be found in the respective product's documentation and knowledge articles – both via following link: https://www.esko.com/en/support/documentation

Following articles are of interest for this version:

Article	Description
000004872	**Imaging Engine - Automation Engine SaaS Tools installation on a clean system, can't open curve from Color Pilot**
000004568	**Imaging Engine : Post-Processing on TIFF files**
KB341861822	**Plate ID – Components and versions**
KB341862828	**Bitmap Viewer Mac - Standard user cannot see Seamless View icon**
KB288327838	**Automation Engine – Compatibility with Digital Flexo Suite / PlatePrep**
KB288327774	**Automation Engine – Compatibility with Grapholas**
KB288327758	**Automation Engine – Compatibility with iPC**
KB76723863	**Automation Engine - PitStop Server Compatibility Matrix**
KB185615059	**FlexProof/E, Pack Proof - How to install and use generic Esko EPL files**
KB325882668	**Pack Proof - How to make a contract proof on an Epson SureColor P75x0 and P95x0 with the CT driver**
KB405022077	**How to deal with renamed PantoneLIVE ink books?**
KB420505660	**Proof Server: Fiery Hot Folders & Fiery Software Manager are available on Mac after installing Fiery Command Workstation**
KB437090783	**FlexRip / FlexProof - End of Life: Frequently Asked Questions**
KB412344753	**Pack Proof - Supported Content Proofing Devices**

4. New and changed features

4.1 Automation Engine

4.1.1 DXF and CFF2 in Viewer

There is now support to view DXF and CFF2 files (when using the latest Viewer technology).

4.1.2 Processing steps in Viewer

There is a 'Processing Steps' view in the Layers widget when using the latest Viewer technology. This will show all processing steps of the file (even when inside linked art).

The color patches in the Channels widget will now be round for inks that are used in a processing step.

4.1.3 Detailed Channel Setup Info in Viewer

The Channels widget has 2 new options in the action menu:

- 'Show Channel Setup': showing the printing unit number, ink type, printing method, and color correction curve in the channels list (icons / mouse-over info)
- 'Detailed Channel Setup Info': opening a dialog listing the printing unit number, ink book, ink type, printing method, and color correction curve for each separation.

This feature is only available when using the latest Viewer technology. Consequently, you will be viewing files 'As in ArtPro+'. Note that when viewing a Normalized PDF as in ArtPro+, some information can get lost.

4.1.4 Changing the color of process inks in Viewer

It is now also possible to change the colors of process inks when using the latest Viewer technology (to inspect traps for example).

PDF+ COMPATIBLE 'CONVERT COLOR FOR DIGITAL PRINT' TASK

A new task allows to convert files using digital color strategy. The task is PDF+ and VDP compatible and it should replace 'Convert Color for Digital Print (Classic)' task.

4.1.5 New and updated PDF Actions

The 'Apply PDF Action List' task now supports these new and updated actions:

'Select Artwork Separation' selects all separations used in objects in artwork layers (layers that are not processing step layers).

'Select object by attribute' can select objects according to screening (screening is/not applied, screening set with given name is used).

'Select separation used in processing step' selects only separations used in specified processing step (e.g. select separation used in processing step White regardless of name of this separation).

'Remove separation from object' removes selected separation from object (both stroke and fill).

'Select separation by printing method' can use wildcards to define the printing method. This makes sense mainly for custom printing methods but it also works with the pre-defined ones. The real string used inside the PDF is used for comparison (without translation). These wildcards also can be used in the AE task 'Optimize PDF'.

'Remove color profile tags' action can discard or apply color tags applied directly on objects. This avoids the confusing situation when a color profile is assigned to a document and different color tags assigned to some objects.

'Replace Embedded Placed Art (Legacy)': allows processing of old ArtPro step and repeat files.

Better support for Automation Engine SaaS in PDF action lists. ArtPro+ can now also execute PDF action lists that refer to files residing on an Automation Engine SaaS container (using actions like Place Image, Place Image Inside, Place PDF File, …).

4.1.6 Plate Cut bleed

The PDF Action 'Create Plate Cutting Path' and 'Create Flexo Plate Cutting Paths' task were extended with a new bleed option (can be both positive and negative).

4.1.7 Improvements in Step and Repeat tasks

The 'Split output' option (create multiple blocks) for Step and Repeat tasks (both 'tabular' and 'template' based) was significantly improved to allow processing huge VDP jobs (millions of one-ups).

The tasks now support custom angles for the one-up rotation (not just multiples of 90 degrees).

4.1.8 Other improvements in NDL tasks

Significant speed improvement of Step and Repeat tasks processing third party VDP jobs.

Exporting an 'Apply PDF Action List' ticket will now also include nested action lists.

New text fitting rules can be used in VDP text in templates created in ArtPro+. They are fully compatible with expansion in Automation Engine.

4.1.9 PitStop 24.03

As of now, PitStop will release together with the Esko products ; so Automation Engine 24.03 comes with PitStop 24.03.

4.1.10 Upload Structural Design

The 'Upload Files to Share & Approve' task now has an option to upload the linked ARD/ZAE along with the PDF+ or Normalized PDF file. This allows the approver user in Share & Approve to view a file in 3D (without having to browse for the structural file). The structural file cannot be downloaded by the approver.

4.1.11 Improved workflow controls to launch a workflow in another Job

The 'Launch workflow' workflow control now has an option to launch a workflow in the Job context of the input. The 'Select Job' workflow control now has an option to select a Job by means of a filter.

4.1.12 Run task configuration on host

In the tab 'processing capabilities' of the Server Admin pages, an administrator can configure whether this server can run:
- graphical tasks
- inspection tasks (Global Vision)
- other tasks

This configuration can be done per host (master or assistant). On a master server however, 'other tasks' will always be executed.

4.1.13 Map Data - new advanced option

A user can set a new option 'Evaluate as XML' per parameter to control what the task should do when the element pointed to by an XPath has no text.

4.1.14 Retain authorization header upon redirect

There is a new (advanced) option in the 'Interact with Web Service' task to retain the authorization header upon a redirect.

4.1.15 Stability improvements

Several improvements were done to better handle folders with many files/subfolders. Note: we still recommend keeping the number of files/folders in a folder below 10.000.

4.1.16 Increased number of concurrent Interact with Web Service tasks for AE SaaS

In Automation Engine SaaS, the number of concurrent 'Interact with Web Service' tasks will now follow the licensed channels (was previously capped to 5).

4.1.17 Views configuration for browser clients

From this version onward, users of the browser client will only see the views that an administrator configured for them (in Pilot).

Applies to My Workspace, Roll Fed Labels workspace and the file selectors in Viewer and ArtPro+/DeskPack.

4.1.18 Improved Products UX in My Workspace

In My Workspace, various improvements were done for users working with Products:

- The 'Data' tab will now be selected first (instead of the 'General' tab) when opening a product.
- The 'Favorite Workflows' pane can now also be open in the 'Data' tab.
- A user can now upload files in the 'Data' tab.
- Product thumbnails no longer have a grey overlay when not approved. Additionally, for some PDF files, the quality of the thumbnail has improved.

4.1.19 Improved tab names for My Workspace

When using My Workspace and/or the Viewer (latest Viewer technology), the names of the browser's tabs will now show the context a user is in. Where applicable, the job, file or product name will be displayed.

4.1.20 Distortion in file info browser client

The 'File Info' dialogs in the browser client now also show the distortion of a PDF. Applies to My Workspace, Roll Fed Labels workspace and the file selectors in Viewer and ArtPro+/DeskPack.

4.1.21 32-bit ODBC Query SmartNames and databases are outdated

32-bit ODBC Query SmartNames and external databases pointing to ODBC data sources are outdated and are now labeled as such (extra warnings were added).

While these old SmartNames and external databases are still expected to work, they are no longer supported and should be replaced (with (SmartNames pointing to) external databases of DBMS type other than ODBC).

4.2 Imaging Engine

4.2.1 TIFF post processing tool

A TIFF post processing tool is available which is running via the 'Run Script' task. This can be used to cover missing functionality from FlexRip and Nexus Rip. For now, 2 use cases are covered (strip size and Endian choice).

A TIFF typically combines multiple scanlines into one 'strip'. The default size of the strip can be overruled.

The tool supports 'Endian choice', Imaging Engine writes little-endian TIFF by default, but you can overrule to write big-endian files.

A KB with the script and explanation is available:
https://eskoprodcustomers.force.com/s/article/Imaging-Engine-Post-Processing-on-TIFF-files

4.2.2 Changed behavior in multipage output

For multi-page files, the correct color information for each page is now used with result not getting 'empty' separations anymore (containing only marks). This is done for Screened, Unscreened and CIP3 output. Be aware that you might have to adapt your workflow.

4.3 Bitmap Viewer

There is no new version of the Bitmap Viewer.

4.4 Pack Proof

4.4.1 Proofing from Automation Engine SaaS

Proofing from an Automation Engine SaaS server to a proofing device in a local site is now also supported. Similar as for other devices driven from Automation Engine SaaS, an Automation Engine Agent needs to be running in the local network. On top of that a local Proof Server needs be installed as well. The local Automation Engine Agent handles all communication between the AE SaaS server and the locally installed Proof Server.

4.4.2 Extra proofers
The following extra proofing devices are now supported to do content proofing:

- Canon imagePROGRAF TX-3100
- HP DesignJet Z6 Pro

4.5 Color Pilot

4.5.1 eXact 2 scan mode

The eXact 2 can now be used to measure all kinds of charts (spot mode was supported in 23.11).

4.5.2 Esko Cloud connection

New cloud terminology, symbols and tooltips are used in the Color libraries and Esko Cloud explorer (e.g. "Upload to Esko Cloud" is now "Publish to Esko Cloud").

A warning is shown in the Esko Cloud explorer to inform the user that deleting an ink book or profile can lead to color strategies with integrity issues.

One and the same cloud symbol and tooltip is used for all situations where an unlinked cloud resource is created.

(The situations are described here: https://docs.esko.com/docs/en-us/colorpilot/23.11/userguide/home.html#en-us/common/cop/concept/co_cop_UnlinkedCloudObjects.html).

Only companies of which you are a member are queried for color data.

4.5.3 Other
Better scaling when using monitors supporting 4k and higher resolutions.

4.6 Print Control Wizard (Printing Conditions)

4.6.1 eXact 2 scan mode

The eXact 2 can now be used to measure all printing **condition** charts (scan mode).

4.6.2 List Optics structured + New optics added: V3 and V3+

List of optics better structured with the latest optics on top.

New optics added for CDI spark and CDI Crystal: V3 and V3+
- V3 is 10 m^2 maximum
- V3+ is 10 m^2 max at 2540ppi (Optics 100 V3+) / 8 m^2 maximum at 4000ppi with Pixel+

4.6.3 New XPS certified plates added

New XPS certified plates available:
- DuPont LFH 1.70 (067) for Flexibles.
- Asahi LGR (different thicknesses), XSYS FSC (different thicknesses), XSYS FTC for Corrugated.

4.6.4 Legacy calibration removed

The Legacy calibration has been removed as option when calibrating printing. This calibration created old Crystal Screens from before 22.07. You can enable it back via Color Pilot Preferences (Printing Conditions).

4.7 Curve Pilot, HD Flexo Screens and ScreenManager

4.7.1 eXact 2 scan mode

The eXact 2 can now be used to measure all kinds of charts in Curve Pilot (spot mode and scan mode).

5. Known Limitations & Important Changes

5.1 General

5.1.1 Soon outdated ink books

Following ink books have become end-of-life and will be removed in a future Esko Software release:
- Toyo94
- TOYO Color Finder
- PANTONE GoeGuide Coated
- PANTONE GoeGuide Uncoated
- PANTONE Colors Matte

5.2 Automation Engine

5.2.1 Automation Engine SaaS: Syncer compatibility

Older versions of the 'Automation Engine Syncer' are no longer compatible with Automation Engine 24.03. Syncing will fail when trying to open or save a file on a workstation that does not have the latest version of the Syncer installed.

Note that the Syncer is part of the 'Desktop Client Applications'. So when updating Pilot, the Syncer is updated along automatically. For users that only work with My Workspace or ArtPro+/DeskPack, the Syncer can be updated with the 'Esko Editor Connection Tools installer' which can be found in the 'Apps & Tools' pages of the browser client.

5.2.2 Outdated: 32-bit ODBC SmartNames and External Databases

SmartNames of type '32-bit ODBC Query' and External Databases using DBMS Type 'ODBC Source' have become outdated.

As an alternative, use Database Query SmartNames and External Databases using DBMS of type 'Microsoft SQL Server', 'Oracle', or 'Other' using a JDBC driver.

5.2.3 ArtPro Action List Editor

The 'ArtPro Action List Editor' is still on version 23.11. That version corresponds with the latest released version of ArtPro.

5.2.4 Color Data from Esko Cloud for Automation Engine SaaS

All local color data will be deleted when switching to color data from Esko Cloud. Color data must be uploaded to Esko Cloud with Color Pilot before switching.

Some types of color data are not yet supported on Esko Cloud. See this page in the user manual for an up-to-date list of all limitations. Customers using unsupported color data cannot make the switch.

For now, Automation Engine can only use the color data of one Esko Cloud account. A strategy uploaded to Esko Cloud becomes non-integer when referring to a color object from another account.

Strategies with an integrity issue will not show up in the list of available strategies in the color task tickets. Existing tickets can still refer to a non-integer strategy. No warning will be shown when opening the task ticket, but the task will fail.

5.2.5 Flexo Engine – Grapholas 14.0

Using imaging technologies, other than Standard towards a Grapholas 14.0 will result in the plate merging process to end with an error. Pixel+ and other imaging technologies can be used if the Grapholas version is at least 14.1.

5.3 Imaging Engine

5.3.1 Automation Engine SaaS Tools installation

If you did the Automation Engine SaaS Tools installation on a new or clean system, and you try to start Curve Pilot from within Color Pilot, the curve will not open as Curve Pilot silently stops loading. A workaround is described in this article: https://eskoprodcustomers.force.com/s/article/Imaging-Engine-Automation-Engine-SaaS-Tools-installation-on-a-clean-system-can-t-open-curve-from-Color-Pilot.

5.4 Pack Proof

Proofing from Automation Engine SaaS to a local site is not yet working out of the box for all possible configurations. A hot fix (for the Automation Engine Agent) will be made available soon.

5.5 Bitmap Viewer

5.5.1 No Sonoma support for the Bitmap Viewer

The Bitmap Viewer has no support for macOS Sonoma.

5.6 Color Pilot

Exporting an Esko profile to ICC takes a very long time (hours!) when the profile is created by a Printing Condition wizard.

A "Quit now and continue later" ink limitation session created in 23.11 or earlier isn't shown in 24.03.

6. Solved customer issues

6.1 Automation Engine

Following customer reported issues are solved in **Automation Engine 24.03**:

Case Number	ID	Description
CS01762759	AE-28581	For customers who upgraded from versions prior to 23.03 to 23.03 or later, in rare circumstances, the Automation Engine Syncer could upload older versions of files to SaaS.
CS01768475, CS01758274, CS01754696	AE-28526, AE-28354, AE-28307	ArtPro Action List Editor is now supported on MacOS Sonoma.
CS01755636	AE-28525	Check Job and Product Parameters task: fixed fallback from Product to Job ink list when product doesn't specify any inks.
CS01747789	AE-28495	Better support for XPath SmartNames returning whole XML blocks.
CS01750073	AE-28494	Improved support for JMF QueryQueue message.
CS01763677	AE-28475	SmartMarks: When adapting the 'top-level file' directly (necessary to keep grid marks working in PDFPLA files), don't fit margins (as this changes the original design). All other cases: do fit margins (as before the change in 23.11).
CS01761747	AE-28466	Fix for files view in My Workspace showing wrong entries at the bottom of the files list when scrolling down fast.
CS01761004	AE-28463	Add Dynamic Marks (and other tasks working with Dynamic Marks): Fixed access to referenced 1-up file product parameters.
CS01761053	AE-28416	Some LENX files could not be viewed using the latest viewer technology.
CS01759960	AE-28408	Step & Repeat Tabular task: Fixed evaluation of formula with combination of AE SmartNames and S&R SmartNames ('Step and Repeat' and 'Step and Repeat Grid' categories).
CS01758726	AE-28375	In some cases, editing an image from within ArtPro+ could generate a false synchronization conflict.
CS01759579	AE-28373	Fixed a licensing issue.
CS01758387	AE-28362	LENX files are now supported by the latest viewer technology.
CS01738248	AE-28341	In exceptional cases, the outputs from Add Dynamic Marks task could not be processed by the PAL processor.
CS01753976	AE-28321	The Image to Screened Separations task could report false error about outdated linked images.
CS01749744	AE-28318	Delete File task: Retry attempts on folder failure (DirectoryNotEmptyException).
CS01755173	AE-28311	Fixed an issue with the focused task node in a workflow after a paste action.
CS01749040	AE-28305	Support in Job Sharing Access Point for files having comma in their name.
CS01752357	AE-28297	Fix for unintended inversion for Black separation when renaming a separation to Black.
CS01753875, CS01741156	AE-28296, AE-28105	It was not possible to change the display color of a separation in the Automation Engine Viewer (latest viewer technology).
CS01740629	AE-28232	GS1 barcodes having [F1] between variable code were broken.
CS01751151	AE-28228	Fixed an issue where a workflow could be changed when a referenced workflow is saved as a new ticket.
CS01751265	AE-28220	In some cases, the Add To Products task fails with error "java.io.EOFException: Unexpected end of input stream".
CS01738846	AE-28219	Join XML Files: Taking over the namespace of first input file when no root specified.
CS01742948	AE-28186	Older AE versions did not support Thai characters in SmartNames and Dynamic tasks. AE Pilot on macOS still may not display Thai

		characters correctly (depending on the JAVA runtime used) but they will be correct in the document.
CS01745774	AE-28185	In some exceptional case, opening Launch Workflow in the My Workspace or Roll-Fed Labels workspace could make the Automation Engine server unresponsive for some time.
CS01748759	AE-28180	Interact with Web Service: The error response body is now again added to the task details.
CS01744601	AE-28156	Prepare for Sharing could not overwrite its input file.
CS01742780	AE-28150	Exporting an IMP file to PDF failed when the path of the input file contained non-ascii characters.
CS01743253	AE-28138	Zooming in on unscreened tiffs could show inverted image when viewing using the latest viewer technology.
CS01743187, CS01741159	AE-28136, AE-28107	It was not possible to change the opaque attribute of a separation in the Automation Engine Viewer (latest Viewer technology).
CS01742412	AE-28128	A gradient separation may have been swapped during separation replacement.
CS01738580	AE-28115	Fixed an issue with the Create PAF / JPG / XML (LinkEdge) (Classic) task.
CS01741155	AE-28109	Improvements on the 'Calculate screen angles and rulings' tool in the Viewer using latest viewer technology.
CS01741162	AE-28108	The Measure Color Percentages tool in the latest viewer technology was sometimes not working.
CS01738376	AE-28103	Browser client: Fixed problem with tokens not being shown on the Manage Token admin page when one of the tokens was granted by a user that no longer exists.
CS01740989	AE-28098	PitStop Profile Editor could not sign in to Automation Engine using SSO (Okta, Azure...).
CS01740639	AE-28097	Flexo Platemaking: Create Merged Plate workflow/task reacts better to cancel request and updates status of affected press plates (and set) to Canceled.
CS01740597	AE-28091	Copy or Move File: When executed on an assistant, this task may unexpectedly fail for very specific input file locations.
CS01738743	AE-28048	Flexo press plates: A resubmitted press plate will now always end up in the same merge queue as the original press plate was in.
CS01735461	AE-28036	Fixed an issue where some layout previews in Gang Run would remain blank in Pilot.
CS01737850	AE-28035	The Create Merged Plate task did error out in case multiple press plates are overlapping and a test strip with a label attached is being used.
CS01735984	AE-27989	Measure Color Percentages in the Automation Engine Viewer using latest viewer technology did not work when selecting a large viewport.
CS01735517, CS01735308	AE-27987, AE-27980	Copy or Move File task: Avoid double registration on output pin when target for copy is same as input.
CS01735896	AE-27986	No visible data in Imaging Engine tickets after upgrade to 23.11.
CS01736183	AE-28179	Automation Engine App Launcher now has more URI encodings support.
CS01725992	AE-27979	The Placed Art SmartName could not be evaluated for placed arts placed in a grid.
CS01735490	AE-27976	Viewing a digital film generated from a Normalized PDF in the Automation Engine Viewer using latest viewer technology did not work.
CS01735437	AE-27971	Flexo Engine: Cutting flow file names can now be 128 characters long (including the .xwf file extension). Submit to Plate Merger task now fails right from the start (+ proper error message) if selected cutting flow file name would still be too long.
CS01725467	AE-27970	Gang Run Printing: Graphics that need a 90-degree rotation could remain stuck in the gang run queue.
CS01725618	AE-27969	In some specific case, when using solvent save and/or nested merging, it could happen that the merged plate and the cutting file

		did not match each other fully, so certain cutting lines, cutting inside one of the press plates.
CS01720929	AE-27968	Comparing a PDF with a LEN with different rotation or mirroring, now works correctly (using latest viewer technology).
CS01734789	AE-27966	Fix for processing a specific file in NDL based (non-classic) tasks.
CS01723139	AE-27942	Previous versions of the installer used some unsigned dll's. These are now also being code-signed.
CS01719521	AE-27941	Step & Repeat CAD based: The actual order of the stations on the back was different as the order on the front.
CS01724244	AE-27900	Viewer: Plate cut path could be displayed mirrored using the latest viewer technology.
CS01718082	AE-27899	Flexo Engine: Prevented certain LEN files from triggering errors when searching the file for certain metadata in the Submit to Plate Merger task.
CS01711633	AE-27858	The milestone 'Proofs sent' can now also be used as product status.
CS01715013	AE-27850	Images that are not bitmaps but have a 1-bit transparency mask will no longer be resampled.
CS01711915	AE-27831	Extracting cut paths from a PDF sometimes gave wrong result (falling back on trim box), this happened with forms with a large bounding box (> 32767 pt).
CS01714971	AE-27803	Bidirectional Laetus pharma-codes were scanned incorrectly on rotated views using the latest viewer technology.
CS01712576	AE-27756	When the Interact with Web Service task is following a redirection to a different server, the authorization header (presumably for the redirecting server) is now removed.
CS01709214	AE-27717	Fixed crash when down sampling images from many thousands of ppi to very few ppi.
CS01709692	AE-27715	Flexo Engine Plate Proposals - Fixed bug in process that determines duplicate plate proposals when 'Allow different devices and rotations' is activated.
CS01700903	AE-27623	The Create Merged Plate task did error out in case multiple press plates are overlapping and a test strip with a label attached is being used.
CS01701490	AE-27600	A shear transformation of a Resize mark may have been lost when the mark was regenerated.
CS01697159	AE-27532	Optimize PDF Task: Removing a separation could incorrectly impact images of the document.
CS01693663	AE-27492	PDF files that were injected by cloning could cause unexpected changes in the structure of the merged PDF document.
CS01691405	AE-27408	In some rare cases, colors get wrongly imported during Export to PDF (Classic) or Normalize Postscript / PDF / Illustrator 8.0 File (Classic) task.
CS01686736	AE-27380	Fix for NDL tasks to keep paths of SmartMarks in Normalized PDF.
CS01684942	AE-27369	Add Ink Eaters (Classic) task: In some cases, the ink eater areas had unwanted artifacts (spikes).
CS01684330	AE-27318	Fixed file not being uploaded from ArtPro+ or DeskPack to AE when launching a workflow if that AE is not licensed to use Jobs.
CS01679036	AE-27297	Selecting a cut path which exceeds the Adobe PDF library limits of 32767 points resulted in a clipped (wrong) cut path.
CS01645843	AE-28141	When publishing a file to WebCenter, the document was added to the WebCenter's Bill Of Materials when the file was an AE Product or when a document attribute was specified. Now the document is added to the Bill Of Materials only when it is a Product in Automation Engine.
CS01640422	AE-26425	Flexo Engine's Create Merged Plate task doesn't error out anymore when combining nested press plates with a test strip containing a label.

6.2 Imaging Engine

Following customer reported issues are solved in **Imaging Engine 24.03**:

Case Number	ID	Description
CS01753334	IE-23960	Missing conversion from Lab to RGB for spot color preview, now added.
CS01747822	IE-23918	Added workaround in case IE fails to start due to unsupported character in the password of user bgsystem.
CS01740561	IE-23868	Public Parameter for LPI not used on existing tickets after upgrade.
CS01734759	IE-23867	PDF files with an unregistered ink YELLOW: ink was wrongly seen as a process ink.
CS01740042	IE-23866	For some S&R constructs, the 'Identical One-up' option had problems, causing no output to be generated.
CS01725065	IE-23809	Adding SmartMarks in-RIP did not work correctly for PDFPLA files containing Grid Marks.
CS01735429	IE-23804	No visible data in IE Tickets after upgrade to 23.11.
CS01705104	IE-23716	Using ink index in exceptions is now resolving correctly using output parameters in Dynamic Marks.
CS01711008	IE-23683	Registration color does no longer force all inks available on a document on each page.
CS01704836	IE-23589	CIP3 output by surface; 2nd page contains the color of the 1st page.
CS01686760	IE-23539	Registration color does no longer force all inks available on a document on each page.
CS01661079	IE-23232	Fix crash when using color strategy + calibration curve.
CS01740962	CAL-11291	Not possible to disable "Clean up scum dots" if printing condition is enabled.

6.3 Bitmap Viewer

There is no new version of Bitmap Viewer.

6.4 Pack Proof

Following customer reported issues are solved in **Pack Proof 24.03**:

Case Number	ID	Description
CS01720598	IE-23995	Installing the Fiery Command Workstation now also works in case the system language is not English.
CS01720598	IE-23728	Pack Proof: Error when trying to download EPL from EFI.
CS01661038	IE-23402	Fiery Command Workstation: nesting preview was not visible on iMac

6.5 Color Pilot

Following customer reported issues are solved in **Color Pilot 24.03**:

Case Number	ID	Description
CS18735525	CEP-14318	HP Production Pro 8.2: Adding an ink to the exception list when it's already used in an ink mapping rule caused a RIP crash.
CS01740331, CS01750153	CEP-14491, CEP-14515	Proofing: Not all pages sent by Color Pilot to the Proof Server are printed.
CS01747339	CEP-14509	Equinox strategy: The "Drop Minimum when" rule isn't respected when the rule "Drop Black When" is set to "Color difference is less than".
CS01756900	CEP-14549	Error when uploading an ink book with more than 10000 inks.
CS01746579	CAL-11407	SaaS and no local licenses, HD Flexo doesn't count the right licenses.
CS01714686	CAL-11127	Not able to add HD screens via Color Pilot due to licenses not counted.

6.6 Print Control Wizard (Printing Conditions)

Following customer reported issues are solved in **Print Control Wizard (Printing Conditions) 24.03**:

Case Number	ID	Description
CS01760587	CAL-11491	Desired Solid LabCh is not shown when selecting a printing standard.

6.7 Curve Pilot, HD Flexo Screens and ScreenManager

No customer reported issues were solved in **Curve Pilot, HD Flexo Screens and ScreenManager 24.03.**