

Automation Engine, Imaging Engine, Pack Proof, Color Pilot and Curve Pilot 23.07 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 23.07. It only covers the changes since version 23.03.

If you are updating from version 22.11 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 23.07. You can find these on the online help for these versions (or on the product installer media for older versions).

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2. Licensing and System Requirements

2.1 Licensing

Automation Engine, Imaging Engine, Pack Proof, Color Pilot and Curve Pilot 23.07 require version 23 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>

No changes compared to 23.03.

Changes that can be expected in a *next* version:

- Support for macOS Sonoma
- Dropped support for macOS Catalina
- Dropped support for Windows Server 2012 and Windows Server 2012 R2

3. Documentation

In addition to these release notes, extensive documentation on the new features can be found in the respective product pages of the online help and knowledge base – both via following link: <https://www.esko.com/en/support/documentation>

Following Knowledge Base articles are of interest for this version:

KB Article	Description
KB385070554	Automation Engine - Updated XMP structure requires update of XMP XPath Query SmartNames
KB385060650	Automation Engine - Microsoft 365 to disable basic authentication in Exchange Online
KB397293886	Automation Engine - Cannot add cloud storage account for Google Drive
KB341861822	Plate ID – Components and versions: Describes which versions of which components are required to set up an end-to-end Plate ID workflow.
KB341862828	Bitmap Viewer Mac - Standard user cannot see Seamless View icon
KB288327838	Automation Engine – Compatibility with Digital Flexo Suite / PlatePrep: Lists which versions of Automation Engine are compatible with which versions of DFS/PlatePrep (CDI).
KB288327774	Automation Engine – Compatibility with Grapholas: Lists which versions of Automation Engine are compatible with which versions of Grapholas (CDI).
KB288327758	Automation Engine – Compatibility with iPC: Lists which versions of Automation Engine are compatible with which versions of iPC (Kongsberg).
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

4. New and changed features

4.1 Automation Engine

4.1.1 Centralized annotations with Share & Approve

The 'Upload Files to Share & Approve' task now has an option to insert an Esko Cloud link in the (local) file. The Esko Cloud link is used to view the annotations of the file in Share & Approve on top of the local file in ArtPro+ and the Automation Engine Viewer. Note: For this to work, the Viewer needs to be configured to use the latest Viewer technology. Annotations are read-only.

If a PDF file has an Esko Cloud link, then this will be shown in the File Info dialog. The link is clickable and will bring a user to the corresponding document in Share & Approve.

Additionally, there is a new task to remove the 'Esko Cloud Link'.

4.1.2 Color Data from Esko Cloud for Automation Engine SaaS

Automation Engine SaaS customers can now use the color data from Esko Cloud.

Color data needs to be uploaded to Esko Cloud with Color Pilot *before* activating this option. With version 23.07, following color data is supported:

- Ink books
- Profiles
- Proofing strategies (except strategies using a DGC)
- Equinox strategies
- Digital printing strategies (except strategies using a DGC and strategies using a Black Generation preset)

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.

Warning: All *local* custom 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.

The configuration panel for color data from Esko Cloud has a button to 'Check Color Database Integrity'. This will check the color database for missing or changed referenced inks and profiles. A (basic) text report with the details can be saved.

Automation Engine SaaS customers that use color data from Esko Cloud can now also synchronize color data with PantoneLIVE.

4.1.3 Share workflow tickets

There is a new 'Share ...' function in the Pilot's Tickets view which allows an administrator to push a workflow ticket to other Automation Engines connected to the same Esko Cloud account. The selected workflow ticket will be automatically imported on the selected Automation Engines - any ticket or references that would already exist will be overwritten.

This function is also available as a new task type 'Share Workflow Ticket'.

4.1.4 View sessions overview

There is a new ADMIN page in the browser client where an administrator can see the open view sessions. This page lists which files are opened for viewing, by which user, etc.

4.1.5 File browsing from within the Viewer

When using the latest Viewer technology, it is now also possible to start a compare session from within the Viewer. When clicking the compare button, a file selector dialog will appear.

It is also possible to browse to a structural file from within the 3D widget.

4.1.6 Seamless view with the latest Viewer technology

The latest Viewer technology now also has a tool for seamless view. A user can inspect a seamless design based on the available page boxes or use the rulers to define a custom box.

4.1.7 Digital Films in the Viewer

When using the latest Viewer technology, digital films will now be shown 'as RIP'ed'. Automatically inverting/mirroring can now be done with the new QC mode 'Show as print'.

4.1.8 Script Runner for SaaS

Automation Engine SaaS customers can now make use of Script Runner functionality by configuring the Script Runner over the Agent.

For Automation Engine SaaS, input files will always be downloaded to the Script Runner. Note that this limits handling of files with external references (see new feature description for 'Download input file(s) to the Script Runner'.

4.1.9 Download input file(s) to the Script Runner

The Run Script task has a new option to download its input files to the Script Runner. This means the Script Runner on the workstation no longer needs permission to read and write files on the Automation Engine container. This option might not be suited for input files with external references (example: a script processing an Illustrator file with linked images on the container).

For Automation Engine SaaS, this option is always on.

4.1.10 Upgraded SDK to connect to Amazon S3

The SDK used to connect to Amazon S3 as Cloud Storage Service was upgraded.

The new SDK expects a region to be set. A user can now set the 'Default Region' while configuring the Amazon S3 connection and in the corresponding task tickets and access points. Customers upgrading from previous versions, will not have that region set. Automation Engine will do an attempt to connect to all regions to avoid that tasks or access points will fail after upgrading. However, it is advised to still set the correct region for performance reasons.

Additionally, the new SDK allows to reliably upload big (>5GB) files.

4.1.11 Upgraded API to connect to Google Drive

The API used to connect to Google Drive as Cloud Storage Service was upgraded.

4.1.12 Improved workflow manager

Several changes were done to improve the performance of executing workflows.

4.1.13 Search ticket settings in workflows

There is a new search pane inside the workflow editor, allowing searches on:

- Task type: list f.i. all Classic tasks used in the workflow.
- Node label: list f.i. tickets with a certain (custom) name.
- Parameter name and value:
 - o List f.i. all 'Modify Workflow Parameters' steps that use a certain XPath query.
 - o List f.i. all 'Data Collector' steps that have the option 'Merge workflow parameters from all collected data' switched on.

4.1.14 New Update Linked Files task

A new task is available to process a PDF file and check for updated linked files. If a more recent version of the linked file is found on disk, then the file is updated. The update is done at all levels (example: a new image is used in a one-up and the one-up is used in a step and repeat, then the new image is updated). Marks are recalculated to reflect the new state.

4.1.15 Bleed overlap options in NDL Step and Repeat tasks

New options for bleed overlap were added. Step & Repeat templates with new bleed options created in the latest ArtPro+ are now supported.

4.1.16 Supported file formats in NDL tasks

ArtPro files can be used as input for the Apply PDF Action List and Optimize PDF tasks.

JDF layout files created by Tilia Phoenix can be used as input for the Apply PDF Action list task.

4.1.17 Color management in the Optimize PDF task

Added support for calculating or removing profile tags.

Added an 'update spot color CMYK equivalents' option.

4.1.18 NDL based Convert Colors with Equinox task

A new, NDL based 'Convert Colors with Equinox' task was added. The task can convert spot inks in PDF/PDF+ files by means of an Equinox strategy. Converting CMYK inks is not supported. Note: Normalized PDF files are not supported (these should be converted to PDF+ first).

4.1.19 Changes in PDF actions

A 'Replace Linked Placed Art' action was added. Its functionality is similar to the existing 'Replace Linked Images' action.

The 'Delete Layers' action was extended to allow for better control of deleting sublayers. Sublayers will be deleted along with the selected top-level layers, unless the option 'Only delete sublayers if they are selected' is enabled.

A new action 'Fit Page Box to Structural Design' was added. This action fits the size of the selected page box to the Structural Design. For the Media Box, bleed lines are preferred. For the other page boxes, cut lines are preferred.

4.1.20 MIS prefix

The MIS prefix was introduced to safely move (Inactive) Jobs from one Automation Engine to another.

Before establishing a link between Automation Engine and Esko Cloud, an MIS prefix must be configured. This prefix is used to make resource ID's on Esko Cloud unique when using multiple MIS's.

4.1.21 Agents overview for Automation Engine SaaS

A new ADMIN page is available in the browser client in which an administrator can see all Agents with their status and version. Additionally, it is possible to remove an Agent connection.

4.1.22 PitStop update

Automation Engine now comes with an integrated PitStop 2023.

4.1.23 Flexo Engine - Added support for Grapholas 23.3

The Flexo Engine now fully supports CDI's running Grapholas 23.3.

4.1.24 Decimal values for binary and quaternary barcodes in File Info and Export PDF Info

The File Info dialog and the Export PDF Info task will now show the decimal value of a binary or quaternary barcode (instead of the binary/quaternary value). This change is done to be in line with how an MIS typically stores the barcode or how the barcode reader returns the value.

4.1.25 Create ArtiosCAD Layouts speed optimization

The 'Create ArtiosCAD Layouts' task got an improved algorithm to generate layouts and can export extra custom variables.

4.1.26 Adapted latency warning in Connection Doctor

The Connection Doctor in the Pilot used to warn for high latency as of 20 ms while the user experience in that case was still good. Now the limit for warning has changed to 50 ms.

4.1.27 Auto delete of red alerts

The red alerts in the Alerts dialog will now be cleaned up automatically. Only the last 1000 alerts will be kept.

4.2 Imaging Engine

4.2.1 Support for Printing Units in CIP3

In case the printing units in a PDF file are defined for all separations (in ascending or descending (reverse) order), the order of separations in the CIP3 file is set according to the printing units order.

4.2.2 Dynamic Mark with output parameter applied as Plate ID mark

A Dynamic Mark with output parameters and applied as a Plate ID mark can now be used in Imaging Engine.

4.2.3 DuPont Easy Brite Screens cannot be applied on halftone objects

When applying the DuPont Easy Brite screens on halftone objects, the task will error out and thus prevent wrong output. This is checked on separation level.

4.3 Bitmap Viewer

There is no new version of Bitmap Viewer.

4.4 Pack Proof

No new features compared to 23.03.

4.5 Color Pilot

4.5.1 Upload strategies to Esko Cloud

All types of strategies (Proofing / Digital Printing / Equinox) can be uploaded to Esko Cloud. For Digital Printing strategies there are 2 exceptions: strategies using a DGC or Black Generation preset! For Proofing strategies there is 1 exception: strategies using a DGC file.

Available functions:

- Upload
- Download
- Upload changes
- Update (= download updated cloud objects)
- Auto update
- Mark strategies with integrity issues

4.5.2 Upload, delete and rename the designer ink book

It is now possible to upload, delete or rename the designer ink book.

4.5.3 Check Color Database Integrity of Automation Engine SaaS

This tool checks which strategies located on the Automation Engine SaaS system have integrity issues. It will give an overview using a tree view and will also mention the reason (missing or changed).

4.5.4 Reference curves from the DGC database are now visible in the curves explorer in Color Pilot

Reference curves are now visible in the curves explorer and are indicated as a different curve type with their own group. They can be deleted if not used. Color Pilot can show the links between reference and other DGC curves. And it's possible to turn a DGC curve into a reference curve (if not used elsewhere) via a right mouse click.

4.6 Print Control Wizard (Printing Conditions)

4.6.1 The Crystal V screen is made less stochastic for Flexibles and Labels

New Crystal V screens generated with 23.07 will be less stochastic. This is only for the Crystal V C screens (Flexibles and Labels applications), not for the Crystal V NP screens.

4.6.2 UX Improvements

The 'Select Highlights' page in the Wizard is more logical.

New field 'Other Properties' to enter additional info related to a Printing Unit.

4.7 Curve Pilot, HD Flexo Screens and ScreenManager

4.7.1 Dummy measurement

Using a dummy measurement is now easy via a setting in the Preferences of Curve Pilot.

4.7.2 HD Flexo Screens integrated in Color Pilot

HD Flexo Screens can now be installed from Color Pilot, as such you don't need the standalone application 'HD Flexo Screens' anymore. It's also possible to create a screen selection chart. The use case is SaaS environments, as the standalone application does not work with licenses on the SaaS server.

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 FlexRip / FlexProof Tasks have become 'Soon Outdated'

Since FlexRip / FlexProof Tasks have become 'Soon Outdated' we advise FlexRip / FlexProof users to migrate to Imaging Engine as soon as possible. More info can be found in the user manual ([Why are Tasks marked as 'Soon Outdated'](#)). For more information on migrating to Imaging Engine, please check this [KB article](#).

5.2.2 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 can not 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.

5.2.3 Esko Cloud configuration change

In this version, the MIS prefix was introduced (see chapter 'New and changed features' of this document).

The MIS prefix must be set before Jobs can be uploaded to Esko Cloud (as Inactive Job). A new Esko Cloud connection cannot be established before the MIS prefix is set. For existing Esko Cloud connections, a warning sign will be shown in the configuration panel. Uploading Jobs to Esko Cloud will fail until an MIS prefix is set.

5.2.4 Soon Outdated: 32-bit ODBC SmartNames and External Databases

SmartNames of type '32-bit ODBC Query' and External Databases using DBMS Type 'ODBC Source' will become outdated soon. These SmartNames and External Databases use outdated 3rd party components which will have to be removed in an upcoming version.

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

5.2.5 Map Data – hyphens in parameter names

(post-release update – added on September 11, 2023)

A third-party library (Velocity) used by the Map Data task was updated. The latest version of that library no longer allows hyphens (“-”) to be used in identifiers. Consequently, the Map Data task will fail if a hyphen is used in the name of a parameter.

As a temporary workaround, all Map Data tickets using a hyphen should be edited by replacing all hyphen characters. The next version of Automation Engine (23.11) will be able to handle hyphens in parameter names again – still with the limitation of having to open and save the Map Data ticket.

6. Solved customer issues

6.1 Automation Engine

Following customer reported issues are solved in **Automation Engine 23.07**:

Case Number	ID	Description
CS01667980, CS01660296, CS01645687	AE-27023, AE-26877, AE-26622	Searching on Products in the Pilot could fail with 'Loading Failed'.
CS01666855	AE-27004	In SaaS, the 'Interact with Web Service' task could take longer than expected (5 sec) when executed by the Automation Engine Agent.
CS01666466	AE-27035	Configure ArtiosCAD Enterprise connection: test connection failed when using http protocol.
CS01666128	AE-26985	Roll-Fed Labels Workspace: fixed broken product URLs in To Do overview.
CS01664772	AE-26962	My Workspace: fix wrong Printing Methods being shown in the ink section of the file info.
CS01663470, CS01645698	AE-26919, AE-26562	Support to configure to use less secure algorithms (in combination with SFTP servers that only support less secure algorithms).
CS01663448	AE-26916	Optimized marks are now visible on all pages of the output document. This only affects the appearance in some PDF viewers (e.g., Adobe Acrobat), there is no difference in RIP'ed image.
CS01660755	AE-26881	Fixed issue when placed art containing multichannel image could not be expanded.
CS01659250, CS01617554, CS01636287	AE-26878, AE-25891, AE-26358	Pilot: fixed an issue where the text in a text field is automatically selected while typing, making it impossible to enter text.
CS01658331	AE-26864	For native PDF, public parameters now only show screen sets and no longer "ignored" XMP. This matches the separation preview in the RIP tasks.
CS01654823	AE-26858	The 'Publish on WebCenter' task failed when publishing a Collada file.

CS01653641	AE-26856	Preserving special characters (&,<,>,"') in values for barcodes in the 'Create Job' task.
CS01656358	AE-26745	The 'Resize Shape' Task replaced the extension of the output file with '.zae'. Now it is appending the extension '.zae' to the output name if not yet the case.
CS01655245	AE-26741	The 'Resize Shape' task failed with 'Invalid Parameter Value' error for Stand-up Pouch and Flat Bottom Bag when using an invalid parameter value for a parameter which is not used for those bag types.
CS01654709	AE-26739	Creating bleed outlines in Step & Repeat tasks could result in a task error (system error 5 crash).
CS01653319	AE-26685	Roll-Fed Labels Workspace: searching production job based on name of the press did not work.
CS01653333	AE-26683	Fixed issue with suggestions for press tickets, press material and color strategies when typing in edit fields in press tab of the production job details in Roll-Fed Labels workspace.
CS01650146	AE-26673	Viewing an ArtPro file with the Automation Engine Viewer left a temporary file on disk which could lead to disk full error.
CS01649820	AE-26671	NDL tasks may save PDF files incorrectly (possibly corrupting the PDF) in case a linked image would have all of its channels mapped away and/or all of its separations removed.
CS01652501	AE-26669	Export PDF Info: list of processing step name exceptions was extended to also cover ColdFoilStamping and FoilStamping.
CS01649702	AE-26653	The 'Normalize PDF File (classic)' task now reads the Printing Order from PDF+.
CS01651233	AE-26642	Two (hidden) workaround options were added to the 'Split PDF File' task to overcome some specific cases.
CS01651066	AE-26638	Fixed wrong application of the default job ink parameters when job is created from XML without the default ink.
CS01649720	AE-26637	Chinese Pilot could not be started due to a code signing issue.
CS01650253	AE-26632	Viewing RIP'ed data with rotation flags in the Viewer could show incorrect (swapped) values for the trim size.
CS01649768	AE-26600	Reporting output type as JDF in 'Create XML' task in case the task produced a JDF, instead of just always reporting output type as XML.
CS01641106	AE-26573	Create PDF Report: incorrect output is no longer reproducible in current release.
CS01648215	AE-26564	Apply PDF Action List: A 'Convert to PDF+' action on a classic ArtPro file containing multistep gradations may generate wrong output with missing gradations.
CS01645820	AE-26563	Apply PDF Action List: ink books from ArtPro files are mapped properly.
CS01645824, CS01629952	AE-26559, AE-26272	Normalizing PDF files with transparency attached to groups could produce wrong results.
CS01646962	AE-26547	Normalizing PDF+ files could - in specific cases - use the coated version of Pantone colors (instead of the uncoated version).
CS01646604	AE-26538	Inks with identical short name but different long name (e.g., PMS186: "'Pantone 186 C' or 'Pantone 186 U') were only shown once in the public parameters.
CS01642480	AE-26536	When reading a PDF file, Pantone inks could get mapped onto designer ink entries with the same name.
CS01645093	AE-26523	Step & Repeat Tabular: trim box was not correctly taken over from the input.
CS01624138	AE-26505	Export PDF Info: ink names are encoded properly in UTF-8 char set.
CS01627407	AE-26504	The 'Add parameters for nesting' task now supports SmartNames in the due date parameter.
CS01643037	AE-26480	When copying a file which is prepared for Viewer to a folder where a previous version of the file was, the view files were considered outdated.

CS01638878	AE-26471	In Job Setup of the AE Pilot the Job inks limit is raised to 64 (again). Was already done for version 21.1, but apparently never made it into newer versions.
CS01641599, CS01641599	AE-26468, AE-26449	A mechanism to override the name of the parameter for file attachments was added to the 'Interact with Web Service' task.
CS01642126	AE-26454	Avoiding to shut down an Assistant on which there are still running tasks.
CS01640619	AE-26434	NDL tasks: issues caused by the conversion of transparencies to images have been fixed.
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.
CS01639469	AE-26411	Less verbose logging on SFTP actions.
CS01638927	AE-26407	Task will fail when SmartID is used in output directory or output file names and its value is 0 (error during calculation).
CS01637401	AE-26379	Copy/Move File: for move, retry delete on delete failure.
CS01637176	AE-26365	In a SaaS setup, opening the properties of an Automation Engine product with a huge number of product parameters could fail because of http status 413 (Payload too large).
CS01636308	AE-26339	Vulnerability issues related to JBoss EJBInvokerServlet and JMXInvokerServlet have been removed.
CS01624925	AE-26337	The option 'transfer input file(s) to the script runner' allows the script runner to work on files which are on a container that is not accessible for the script runner.
CS01636173	AE-26335	The 'Optimize PDF' task could in very specific circumstances incorrectly change the transparency of certain elements.
CS01635827	AE-26330	Importing PDF and using ink settings from PDF was mapping Pantone inks onto designer ink entries with the same name.
CS01635318	AE-26316	AP+ and AE provide the same ink coverage information.
CS01633440	AE-26302	Bar code checking (classic): in case a barcode SmartMark was found, the log file was confusing saying 'no barcode found in file'.
CS01634364	AE-26293	When (auto-)normalizing PDF+ files with inks from PantoneLIVE ink books, these ink books are now kept (when the PantoneLIVE ink book is available).
CS01628453	AE-26275	When creating multipart products from JDF, the order of the parts did not match with the order in the JDF.
CS01632275	AE-26267	Gang Run Printing: in minimum layouts mode, the nesting result could be less efficient compared to minimum waste nesting.
CS01633154	AE-26261	The 'Health Checks' in Server Admin 'Server Checks' failed when one of the assistants was down.
CS01631155	AE-26212	Flexo Engine's 'Create Merged Plate' task: retrying with slightly smaller solvent saver images if 'init failed' error occurred to mitigate the initialization issue.
CS01629255	AE-26166	Export to 3D: allow negative values when making a numeric text field public.
CS01624972, CS01624171	AE-26022, AE-25999	Fix for updating layers in the layer configuration.
CS01618182	AE-25901	In the 'Submit to Flexo Device' task we added a check mechanism to verify if CDI is available. This is done to prevent an error during the real submit (including CDID-Error: 206). Only in case the check did pass OK, the real submitting to the CDI will be done. Throughout the platemaking flow we cleaned up the number of CDI queries and introduced similar retry mechanisms.
CS01617554	AE-25891	Fixed an issue where the text in a text field is automatically selected while typing, making it impossible to enter text.
CS01604367, CS01629160, CS01625960	AE-25579, AE-26157, AE-26253	In some specific cases, it was not possible to launch workflows from within ArtPro+ or DeskPack (launch button greyed out).
CS01605942	AE-25438	Make sure, if overlapping press plates, the total waste on a merged plate is taking these areas into account, so that the total waste is a positive number.

CS01594331	AE-25373	Fixed problem in 'Add Dynamic Marks' task (and other NDL based tasks) that could cause failure when resolving workflow parameters in subsequently running tasks (reusing the same task process) using different sets of the workflow parameters names.
CS01582313, CS01565499	AE-24850, AE-24313	When saving the output PDF document, the list of layers and their printability visible in Adobe Acrobat/Reader was incorrectly saved. This bug is now fixed. The prerequisite is a correct list of layers in the input documents.
CS01515216	AE-22824	In some cases, the 'Inspect Barcode' task did not find the barcodes after the input file was processed by 'Optimize PDF' task (removed layers & separations).
CS01178202, CS01056583	AE-15448, AE-12912	NDL tasks: Adobe Acrobat will show the correct list of layers.

6.2 Imaging Engine

Following customer reported issues are solved in **Imaging Engine 23.07**:

Case Number	ID	Description
CS01632634	CAL-10258	The CO dot for 37 and 67 degrees for 267 lpi (4000 ppi) or 160 lpi (2400 ppi) was incorrect.
CS01656545	IE-23158	Processing step layer "Legend" converted to opaque if proofed.
CS01644617	IE-23079	Multi-threshold screen gives wrong output with CPU-optimized markers.
CS01527912	IE-22934	Planned exposure time difference between merger in manual way and Flexo Engine.
CS01615538	IE-22634	Unexpected view file output for DuPont Easy Brite screens.

6.3 Bitmap Viewer

There is no new version of Bitmap Viewer.

6.4 Pack Proof

Case Number	ID	Description
CS01662981	CEP-13974	Proof Server 23.03 shuts down during Check & Recalibrate with Color Pilot.

6.5 Color Pilot

Following customer reported issues are solved in **Color Pilot 23.07**:

Case Number	ID	Description
CS01658220	CEP-13955, CEP-13993, CEP-13974, CEP-13949	Proof server crash when doing an in-line Check & Recalibrate.
CS01649021	CEP-13843	CGATS import: only a selection of patches is imported.

6.6 Print Control Wizard (Printing Conditions)

Following customer reported issues are solved in **Print Control Wizard (Printing Conditions) 23.07**:

Case Number	ID	Description
CS01665584	CAL-10666	Print Control Wizard crashes when finishing the printing condition.
CS01664657	CAL-10650	Crystal V C screens need to be re-created with less stochastic parameters.
CS01653437	CAL-10532	Print Control Wizard: Error after measuring and PCW is crashing.
CS01632360	CAL-10494	Print Control Wizard: Saving Charts as TIFF is not working on German OS.
CS01625972	CAL-10139	Print Control Wizard: values during calibration were not shown correctly in the final 'ready for production' printing condition details.

6.7 Curve Pilot, HD Flexo Screens and ScreenManager

Following customer reported issues are solved in **Curve Pilot, HD Flexo Screens and ScreenManager 23.07**.

Case Number	ID	Description
CS01643698	CAL-10408	Curve Pilot crashes upon opening history of prsync file.
CS01644790	CAL-10441	HD Flexo screening is generated with the wrong microstructure.
CS01636671	CAL-10316	After clean install AE/IE 23.03, 2 HD screens are already visible.