

Automation Engine, Imaging Engine, Pack Proof, Color Pilot and Curve Pilot 21.11 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 21.11. It only covers the changes since version 21.07.

If you are updating from version 21.03 or earlier versions, we advise you to read the release notes of all versions between your current version and Automation Engine, Imaging Engine, Color Pilot and Curve Pilot 21.11. You can find these on the corresponding product installer media.

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2. Licensing and System Requirements

2.1 Licensing

Automation Engine, Imaging Engine, Pack Proof, Color Pilot and Curve Pilot 21.11 require version 21 licenses (so no change compared to 21.07).

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 21.07:

- AE client apps now have support for
 - o macOS Monterey (version 12)
 - o Apple M1 with Rosetta 2 emulation
 - o Windows 11

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

- Added support for:
 - o Windows Server 2022 as a server platform
- Will become unsupported:
 - o Windows 8.1 as a client platform
 - o Windows 2012 as a server platform
 - o Windows 2012R2 as a server platform

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
KB341861822	Plate ID – Components and versions: This article 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: This article lists which versions of Automation Engine are compatible with which versions of DFS/PlatePrep (CDI).
KB288327774	Automation Engine – Compatibility with Grapholas: This article lists which versions of Automation Engine are compatible with which versions of Grapholas (CDI).
KB288327758	Automation Engine – Compatibility with iPC: This article lists which versions of Automation Engine are compatible with which versions of iPC (Kongsberg).
KB76723863	Automation Engine - PitStop Server Compatibility Matrix
KB185615059	FlexProofE, 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.

4. New and changed features

4.1 Automation Engine

4.1.1 Job Storage on Esko Cloud for AE SaaS

Automation Engine SaaS customers can now store their inactive Jobs on (less expensive) Esko Cloud storage. There is a new and dedicated view for those Inactive Jobs in My Workspace and Pilot.

An operator can move a Job to and from Inactive Jobs manually or an administrator can automate or integrate this move with a set of new tasks (Move Job to Inactive Jobs, Move/Copy Inactive Job to Jobs, Delete Inactive Job).

4.1.2 MIS integration for AE SaaS

Changes to simplify/enable MIS integration with AE SaaS:

- JDF integration via the Agent.
- Support for generic JDF/JMF devices via the Agent.
- A new Admin page to manage tokens.

4.1.3 Automation Engine Usage Dashboard

Build a dashboard to analyze how you are using AE:

- How many users were connected per day?
- Which workflows did we use most?
- How many jobs did we work on?

An administrator can opt in/out for a Usage Dashboard in a new Admin page of the browser client.

4.1.4 Support for new and updated PDF Actions

New actions on strokes:

- 'Set Stroke Corners'
- 'Set Stroke End Caps'
- 'Set Stroke Dashing'

New action 'Select Objects by Box'.

'Create Ink Eater Areas' and 'Fill Ink Eater area's: two new actions that work together to create the ink eaters' shapes and fill them with content.

'Allow to use clip path when replacing images': new option available in the actions 'Replace Image' and 'Replace Linked Images'.

Conditional execution

- Build IF...THEN clauses.
- Multiple conditions related to the current page index, selected objects, layers and separations can be checked. Based on the result one or more actions are conditionally executed.

4.1.5 New and improved ArtPro+ based tasks

New task 'Export Step and Repeat to JDF layout (Dynamic)': an ArtPro+ based alternative for the BRIX task with same name.

In the 'Trap' task: new option 'Allow overshoot'.

In the 'Create Flexo Plate Cutting Paths': new option 'Minimum gap size'.

Marks updates:

- Add Dynamic Marks and the (Dynamic) Step and Repeat tasks can now use mark sets with the new Plate ID mark.
- Marks are no longer automatically moved to a 'Dynamic Marks layer':
 - o Existing layers are kept where possible.
 - o Allows for having marks below one-ups.

Improved task 'Step & Repeat CAD based (Dynamic)':

- Allow single page output for duplex jobs: front only, back only.
- Product based workflow changes:
 - o Product Part parameter "side" can be used to define to which side the corresponding product part should go.
 - o Use one or more Products in a single Job.
 - o Combine single- and double-sided products.
- Changed behavior:
 - o The positioning of the CAD layout on Sheet has changed from Art Box to Bounding box.
 - o Placeholders in the template are ignored when using XML input.

4.1.6 VDP Enhancements

New options in the task 'Expand Dynamic VDP Data':

- Create a separate background file to RIP complex jobs faster.
- Simplified setup: specify a fonts folder to be used for the expansion task.

4.1.7 PDF+ output for Flexo Production Jobs

New template is available in the workspace 'Roll-Fed Labels' that allows Dynamic Mark sets and PDF+ output for Flexo Production Jobs.

4.1.8 UX improvements in Pilot

Shortcut to 'Launch with Public Parameters':

- Use a shortcut to switch the Pilot to/from public parameter/workflow edit mode when launching.
- For the advanced Pilot user.

The Pilot's Files view now allows to duplicate a selection of files or a folder.

4.1.9 Disk usage in Containers view

You can now monitor available disk space of your Containers.

4.1.10 Improvement with HP Production Pro integration

In the task 'Submit to HP SmartStream Production Pro Print Server', you can now also specify the Print Job Name.

4.1.11 BOM support in Convert JSON to XML

The 'Convert JSON to XML' task now supports UTF-8 BOM encoding for JSON input files.

4.1.12 Flexo Engine

A new 'Flexo' category was introduced in the tasks pane of the workflow editor bundling all the Flexo tasks that come with the 'Flexo Engine' option:

- 'Add Margins to LEN File'
- 'Apply Plate ID to LENX File' - this is a new task, see below for more detailed info
- 'Create Flexo Plate Cutting Paths' - this is a new task, see below for more detailed info
- 'Create Merged Plate'
- 'Crop LEN File'
- 'Submit to Flexo Device'
- 'Submit to Plate Merger'

Some renaming was done as well: 'Flexo CTP' became 'Flexo', 'CTP Queues' became 'Device Queues'.

4.1.13 New Apply Plate ID to LENX File task

This task resolves the Plate ID metadata content into the LENX file's data. It uses a pattern that is fit for the selected type of flexo plate.

4.1.14 New Create Flexo Plate Cutting Paths task

This task automates the generation of staggered cut paths. This is the automated counterpart of the 'Create Plate Cutting Paths' functionality of ArtPro.

4.1.15 Changes in Job Sharing (Collaboration via Esko Cloud)

With Automation Engine 21.11 it is not possible to share a Job with an Automation Engine that has a lower version. More details on this can be found in the chapter 'Known issues and limitations' of this document.

Inactive Jobs and Shared Jobs both use Esko Cloud for storage but are different concepts. To better distinguish them, the tasks and components related to Job Sharing have been renamed:

Old name	New name
Download Files from Esko Cloud Job Folder	Download Files from Shared Job
Remove Files from Esko Cloud Job Folder	Remove Files from Shared Job
Select Files on Esko Cloud Job Folder	Select Files on Shared Job
Upload Files to Esko Cloud Job Folder	Upload Files to Shared Job

Old name	New name
Esko Cloud access point	Job Sharing access point



4.2 Imaging Engine

4.2.1 Adobe PDF Print Engine 5.7

The latest update of the Adobe PDF Print Engine (APPE) 5.7 was integrated in this Imaging Engine version.

4.2.2 Image to Screened Separations task - Plate ID support

When a PDF file created by ArtPro+ contains Plate ID Objects these will be added as metadata into LENX files when outputting at a resolution of 2540 or 4000 ppi.

Important remark: after ripping the LENX files with Plate ID metadata content are still plate independent and the Plate ID Objects will not be visible in the viewers yet. Only when the 'Apply Plate ID to LENX file' task (see higher) is applied, the Plate ID pattern for the selected plate will be loaded and used to resolve the Plate ID metadata content into the LENX file's data. After this step the "patterned" Plate ID content will be visible in the Automation Engine Viewer and the Bitmap Viewer.

4.2.3 Image to Screened Separations - new Post-RIP dot cleanup

Dot cleanup can now be specified per separation.

New settings and a new algorithm were introduced to support the new Crystal HQPP (High Quality Post Print) screens for corrugated from Print Control Wizard.

4.2.4 Calculate Ink Key Settings (CIP3) task - extra settings

The following settings were added to the Production Data tab:

- 'Customer Name'
- 'Copies'
- 'Guiding Sheet Edge'
- 'Work Style'

A new tab 'Paper Data' was added that contains the following settings:

- The 'Weight', 'Thickness' and 'Type' parameters that were previously located on the 'Production Data' tab
- New settings for specifying the Lab Color of the paper

4.3 Bitmap Viewer

4.3.1 macOS support

Bitmap Viewer is now available for macOS as well.

4.4 Pack Proof

No new features compared to 21.07.

4.5 Color Pilot and Print Control Wizard

4.5.1 Color Pilot

New library features and improvements:

- It is now possible to sort ink books, profiles and strategies on date by clicking on the 'Date modified' column in the libraries.
- The grouped list view is now enabled for ink books (the icon view is disabled as it was not very useful).
- A new 'Cloud' column is added to the ink books library which can be used to easily group Esko Cloud ink books

The Digital Printing and Equinox strategy have now a new 'Date modified' and 'Comment' column in the spot color list. One can now add comments to keep track of the changes done for each individual spot color and the added 'Date modified' tells you when the spot color was added / changed.

Updated the 'Check Strategy' tool, it now shows OGV statistics as well.

The new FOGRA55 icc profile was added to the profiles library. This is a 7c (CMYKOGV) profile created by Fogra.

4.5.2 Print Control Wizard

Corrugated High Quality Post Print:

- Single separation wizard for Corrugated HQPP.
- Improved highlights (including Doppler for mid-tones) for corrugated screens (HQPP): Crystal V Screens.

Flexibles / Labels:

- Screen dot and surface screen now default in calibration.
- Which means for Labels, no need to do a step test anymore (saves 1 print run).

It is possible now to delete Printing condition and/or Crystal screens.

4.6 Screens and Curve Pilot

No new features compared to 21.07.

5. Known issues and limitations

5.1 Automation Engine

5.1.1 Job Sharing incompatible with previous versions

When using the 'Job Sharing' functionality (Collaborating via Esko Cloud), all Automation Engines that share Jobs should upgrade to 21.11 simultaneously.

Jobs shared by an Automation Engine 21.11 or higher, cannot be read by an Automation Engine running a version lower than 21.11.

Additionally, before upgrading to 21.11, all Jobs should be unshared. There is only limited support for Jobs that were shared by an older version, contact Esko Support in case that would be a problem.

5.1.2 Plate ID

Plate ID objects in one-ups will not end up in the LENX file unless there are also Plate ID objects present in the layout file. A hotfix will be created to address this issue.

The 'Crop LEN File' and 'Add Margins to LEN File' tasks can only be used on LENX files with Plate ID content after the 'Apply Plate ID to LENX' File task was executed.

5.1.3 macOS Monterey UI issue

Pilot UI issue on macOS Monterey: when pressed, the text of some buttons could be hard to read (white text on a light background).

5.2 Color Pilot and Print Control Wizard

New chart for Corrugated HQPP:

- The dot-distance vs. dot-size matrix element has a fixed angle (37 degrees)
- No dot-cleanup on demo images
- Test chart generation is slow (screening algorithm not optimized for speed)

Some translations for Italian, Spanish, German and Chinese are missing. A hotfix will be created to address this issue.

Corrugated HQPP Chart is missing R dot if another basic dot is chosen. A hotfix will be created to address this issue.

5.3 Imaging Engine

Image to Screened Separations - dot cleanup for the Crystal HQPP (High Quality Post Print) screens for corrugated: the mixed mindot is not used when the Printing Condition is set by a SmartName. A hotfix will be created to address this issue.

5.4 Bitmap Viewer for macOS

Standard users cannot see the Seamless View icon (see KB341862828 to work around this).

There is no function yet to show the file info dialog.

5.5 Curve Pilot

PressSync setup: Density and tone value tolerance are preset in the process colors and spot color section while they should not. A hotfix will be created to address this issue.

6. Solved customer issues

6.1 Automation Engine

Following customer reported issues are solved in **Automation Engine 21.11**:

Case Number	ID	Description
CS00961666	AE-10383	Viewer issue no longer reproducible for unknown reason.
CS01202418	AE-15875	Files with both XMP and printing order info: technical inks with solidity = 1.0 now get marked as opaque so that they get skipped in trapping.
CS01352714	AE-19159	Prepare Graphics for Nesting: extracting cut paths now also works if the paths also contain 0% of other inks.
CS01375529	AE-19559	In some cases, the Check Job Parameters task could fail with unhandled exception.
CS01396522	AE-20114	Issue with the GlobalVision inspection task no longer reproducible.
CS01408831	AE-20319	File specific issue with BRIX task is no longer reproducible.
CS01412193	AE-20339	When using the rotated profile in the Inspect Barcode task, the magnification changed from 90% to 99%.
CS01425538	AE-20595	Inspect Barcode task could scan wrong barcode numbers in case of high BWR.
CS01430098	AE-20721	Optimized regeneration of marks, the supplied mark set regenerates almost 3x faster (open file, apply marks, save). Fixed optimized marks separation order.
CS01433681	AE-20789	Fixed an issue where the choices of a Preset could be changed when making changes to a public parameter that is used in the Preset.
CS01448562	AE-21179	Prepare for Viewer task failed when the width or height of the PDF trim box was zero.
CS01448582	AE-21200	Export to PDF File conversion could fail on certain files when using screen-based dot gain compensation.
CS01449340	AE-21218	A problem was fixed in Optimize PDF Separations where an ink was incorrectly marked as "opacity only" when an ink was used multiple times with different casing.
CS01451620	AE-21328	NDL tasks: fixed handling of rare structures in PDF resources (indirect sub-dictionaries).
CS01452041	AE-21294	Export Nested Layouts: export to MFG gave wrong output in case of nested ARD files with design side = inside.
CS01452141	AE-21266	Version PDF: small transformations could get lost causing changes in the graphic content of the PDF.

CS01452253	AE-21350	File Info: fixed some inconsistencies that could lead to wrong ink selection.
CS01452601	AE-21819	BRIX CAD based Step & Repeat: the SmartFlapping algorithm has a correction for cases where 1 panel was touching 2 other panels where resp an overlap and centerline decision was required.
CS01452987	AE-21354	Check Job/Product Parameters task now also considers SmartMark bar codes when scanning for bar codes in the normalized PDF file.
CS01453005	AE-21326	The ink/separation tab in the file info dialog now shows PDF+ behavior too if the file contains processing step layers (next to the presence of screen sets).
CS01453534	AE-21346	Optimize PDF: when creating rectangles on the page boxes, these rectangles now have no fill (instead of an empty fill).
CS01453922	AE-21369	Import JDF Step & Repeat: when assigning multiple graphics to multiple instances of a design/print item, the sequence in which the graphics are placed is now based on the sequence of the stations in the CAD design.
CS01454594	AE-21866	Faster evaluation of Global Smart Names when document contains a high number of Dynamic Marks that use Global Smart Names.
CS01454640	AE-21338	The speed of the drum on the CDI could be wrong (too quick) in case using a partial plate not covering the full circumference of the drum.
CS01455401	AE-21409	Gang run nesting could exceed the requested number of copies.
CS01455904	AE-21375	Installation of Automation Engine is aborted when the computer name contains more than 15 characters.
CS01456075	AE-21378	Optimize PDF: when creating rectangles on the page boxes, these rectangles now have no fill (instead of an empty fill).
CS01456256	AE-21484	Importing text & dimensions at MFG layout level is now possible in the CAD based S&R tasks by using a dedicated style file to import the MFG file.
CS01456744	AE-21405	Add Dynamic Marks: Input Document Separation Info is kept unchanged. Before this change we have kept only the used inks in the Separation Info. This change may cause a different separation order in the output in a rare case when a mark set contains a separation the is unused in the input document but it is present in its Separation Info. This makes sure that CMYK separations that are required when some blend modes are used in the input document but are not really used by the objects directly are not removed from the Separation Info, which was the cause of the crash.
CS01457785	AE-21437	Improved support for Extension of File SmartName in Access Points.
CS01458813	AE-21646	NDL based Step & Repeat: missing support for custom die-shapes based on Cutting processing step or specific separations.
CS01459228	AE-21467	Warning instead of error when symbol size of a barcode is too small.
CS01459550	AE-21494	Behavior of launching a workflow on a Product is now consistent with Pilot behavior: when selecting a product that is linked to one or more jobs and no job context is set, the files from that product will be run using the context of the job where the product was last linked to.
CS01462088	AE-21479	Global Vision Inspection Tasks could not run with non-transparent proxy server (license issue).
CS01462660	AE-21495	Custom printing methods could get lost after upgrade of Automation Engine.

CS01464194	AE-21548	Global Vision annotations were missing in Automation Engine Viewer.
CS01464909	AE-21547	The Select Product block now works correctly in case the task is started without input file.
CS01465209	AE-21594	Apply ArtPro Action list: Gridwarp did fail in case the grid was embedded in the ArtPro file.
CS01465323	AE-21661	Centerline bleed truncation was no longer skipping large stations in case there were stations too far outside the sheet edge.
CS01465646	AE-21686	Restore database could fail with error 'Incorrect syntax near the keyword 'backup''.
CS01467125	AE-21804	Prepare for WebCenter Viewer task could fail with BG_IllegalUTF8Character exception when PDF contained font with name in local encoding.
CS01467151	AE-21599	Adding a print finish to a newly saved production job does no longer result in an error that the production job was changed by another user
CS01467174	AE-21598	.srt files with spaces in name can now be saved without errors.
CS01467175	AE-21607	Fixed unable to select a preset when creating multiple products at the same time.
CS01467660	AE-21614	Fixed an issue that could prevent a chain ticket from launching when a workflow was part of the chain tasks.
CS01467721	AE-21601	When searching for Color Strategies by typing "CMYK", the browser no longer shows Strategies that have inkset CMYK, just the color strategies that have "CMYK" as part the name.
CS01467723	AE-21600	Roll-fed labels workspace: filtering (fi on dies) did not work properly and could result in empty search results although some entries should match.
CS01468232	AE-21612	Roll-fed label workflow to an Esko DFE prior to 5.2.3 (no support for IDP level 2 JDF) the jobs always got a sequence suffix, even if there was only 1 printing frame.
CS01468495	AE-21617	Roll-fed label production workflows: the repeat length was truncated to 0.01 mm possibly causing incorrect repeat lengths.
CS01468912	AE-21626	Roll-Fed Labels Workspace: save button is disabled again when uploading a die file.
CS01469146, CS01448802, CS01443978, CS01446665, CS01466895, CS01465185	AE-21643, AE-21247, AE-21237, AE-21139, AE-21584, AE-21541	PDF reports generated by the GlobalVision inspection tasks could sometimes not be opened.
CS01469740	AE-21656	Imaging Engine task panels: on the inks tab, when selecting inks by using selection criteria, the lists of selected & not selected inks may not have vertical scrollbars and be not entirely visible.
CS01469798	AE-21691	Modify Paint action on text in path objects could result in font errors.
CS01470020	AE-21701	Not including a possibly (non-) existing Printing Condition Database when license not present.
CS01471341	AE-21874	Create Sheet Layout: when the ink sequence in the 1up graphics is not consistent, ink resorting didn't take place.
CS01472045	AE-21726	Roll-fed labels production output: in case of grids with interleaved rows: VDP graphics were not correctly assigned.
CS01472734	AE-21818	Apply ArtPro Action List: In-line editing a table of URL entries in the panel of this task may cause entries to become unreadable.
CS01473684, CS01404789	AE-21812, AE-20236	Support for computer vision-based actions in the Preflight with Pitstop task.

CS01474391	AE-21882	Step & Repeat Tabular (Dynamic): S&R grids with stagger and zero offset will be converted to grids without stagger to allow them to stay live.
CS01474632	AE-21835	Scheduled Access Points: fixed an issue with the cron expression description when using numbers as weekdays.
CS01474660	AE-21840	Apply PDF Action List warns if custom barcode font cannot be used and a default font should be used instead to prevent major change in appearance.
CS01475341	AE-21859	Creating a backup could generate error 'Publish database not found'.
CS01476046	AE-21883	Fixed an issue that would cause Export XML from Task History to fail when less than 101 records match the filter.
CS01476988	AE-21905	When resetting the password for an AE user fails, an error will now be displayed saying that sending an e-mail failed and further clarifying that the user must be an internal AE user, not a windows user for it to work.
CS01477146	AE-21919	For some specific LEN files, the Create Merged Plate task did fail with a ClassNotDefined error.
CS01477473	AE-21910	Roll-fed label production jobs: the inserted empty labels were still containing graphics in case of products with device independent images as unlayered art.
CS01479229	AE-22011	Fixed an issue where a task would not run within the correct job context when launched using public parameters from within the workflow dialog.
CS01481348	AE-22046	In very specific circumstances, workflows may unexpectedly stop processing.
CS01482000	AE-22026	NDL based Step & Repeat tasks: rounding issue when custom size of sheet (trim box) is specified, and it is same as plate (media box) size. When such case happens small sheet overlaps (smaller than 1/10000000 point) are cut-off so sheet always fits inside the plate.
CS01482631	AE-22060	All exported TIFFs in Export to Gravure Using HELL tickets have resolution in pixels/cm.
CS01482687	AE-22053	Create Report (ReportMaker) was placing the input file with blend mode darken in the report, resulting in unwanted blending with potential background objects from the report template.
CS01486774, CS01454538	AE-22161, AE-21379	Export Nested Layouts: could fail in specific cases (where layout contains normalized PDF files with multiple PDF forms).
CS01487254	AE-22171	Export ArtPro to Normalized PDF File: task could sometimes change the ink books of Pantone inks.
CS01490492	AE-22236	Optimize PDF task: when remapping inks, inks are searched in the CMS ink books.
CS01491540	AE-22245	Export PDF info: in case the input file name contains a '.' then only the part before the '.' was used in the output file name.
CS01494334	AE-22334	NDL tasks: fixed handling of rare structures in PDF resources (indirect sub-dictionaries).

6.2 Imaging Engine (and related components)

Following customer reported issues are solved in **Imaging Engine 21.11**:

Case Number	ID	Description
CS01459538	IE-20407	The full list of inks was not always displayed for the Imaging Engine tasks because the scrollbar was no longer appearing when the list was getting too long for the display area.
CS01096987 CS01078030	IE-16354 IE-16018	Very long ripping times in Imaging Engine for specific files (as compared to FlexRip).
CS01474188	CAL-7632	Problem when printing condition is set via SmartName.
CS01463497	CAL-7481	Error due to missing screening - changed the error messages so the name of the missing screening file is mentioned.
CS01454752	CAL-7343	Dot Cleanup is executed on White separation with Surface screens while it should not.

6.3 Pack Proof

Following customer reported issues are solved in **Pack Proof 21.11**:

Case Number	ID	Description
CS01478128	IE-20639	Problem with Fiery Command Workstation Spanish installer.

6.4 Color Pilot

Following customer reported issues are solved in **Color Pilot 21.11**:

Case Number	ID	Description
CS01472184, CS01471028	CEP-2186, CEP-12184	Fix for the Equinox Color Strategy to have a correct color build in case the stabilize option is used.
CS01467058	CEP-12154	The last Lab values are now used in case a removed ink name is reused.
CS01420110	CEP-11889	Entered decimal values with a comma are now correctly stored in a strategy.
CS01482935	CAL-7754	Printing Conditions - Units in Imperial now possible to 2 or 3 decimals
CS01482292	CAL-7736	The ink channels of a measurement are now always mapped to the ink channels specified in the printing condition.
CS01465115	CAL-7662	Color Pilot crashes when generating curve for printing condition.
CS01474188	CAL-7646	Changes in 'General Description' not saved after duplicating a printing condition.
CS01445825	CAL-7234	Exposure type not selectable in case of Labels Bank license.
CS01428466	CAL-7047	Error on creating the adjustment curve for a new Printing Condition.

6.5 Screens and Curve Pilot

Following customer reported issues are solved in **Screens and Curve Pilot 21.11**:

Case Number	ID	Description
CS01485399	CAL-7797	Problem with curve strategy which resulted in same curve for process (CMYK) and PANTONE (CMYK) inks.
CS01458425	CAL-7415	Screen Manager - the list of supported rulings now follows the specified resolution in the 'Screens Details' table.