COLORGATE PRINTING SOFTWARE

RELEASE NOTES V24 BUILD 17055

September 30th, 2024

Contents

1   Introduction

This document describes the changes and improvements since Productionserver 23.11 Build 16086.
The upgrade to version 24 contains new features, significant improvements, and enhancements of existing modules and features, as well as bugfixes.
In addition to applications for Commercial Printing, this document also includes some innovations for Industrial Productionserver products.

For each modification it is stated if it is a new feature, an improvement of an existing module/feature, or a bugfix:

NEW FEATURE: a completely new feature

NEW: an innovation/improvement of an already existing feature

BUGFIX: a bugfix

Note: All customers who had a valid Value Pack on effective date <u>September 16th 2024</u> can upgrade to version 24 free of charge.
Please note that if you upgrade from version 23 or earlier, you must contact our Customer Service Team via cs@colorgate.com to upgrade your license before you will be able to run the new version.

Please also note that as of version 22, Microsoft Windows 8.1 and Microsoft Windows Server 2012 are no longer supported.

More information

Further information about version 24 can also be found on the website: www.colorgate.com

If you wish to get information about improvements and bugfixes of previous versions, you can find the corresponding Release Notes in our Service & Support area (please note that you have to be registered and logged in as a user to access them):
https://www.colorgate.com/support/en/download

Highlights of Version 24

- **New Multilayer Printing**
  With the new Multilayer Printing, you can print several layers with different motifs in one print job and thus realize effective print jobs such as "Day & Night Backlit Prints" (prints with backlight and day/night effect, e.g. for posters in illuminated showcases) and double-sided "Blockout Prints" with different motifs on the front and back (e.g. for double-sided advertising banners). Prerequisite for this is support from your printer.

- **Optimized Media Preview**
  By displaying all additionally printed elements - such as cut marks, job info text, QR code, control wedges, but also non-printable margins - and an optimized layout of multi-page and container jobs, you can now work even more efficiently and have control over your print jobs at all times, even before the actual printing. Working with the preview function is also made easier by an improved zoom and visualization function.
  In addition, optimized preview performance ensures that you can now continue working without any problems even when loading very large previews.

- **Media Device Synchronization, Export of Preview and Output Profiles and Channel Preview via REST**
  The REST API now supports Media Device Synchronization. This provides you with an automated workflow to match colors to different devices and reset your printer to a defined reference state.
  In addition, preview and output profile files can now also be exported via the REST API, and channel preview images can be downloaded, so that automation by tools outside Productionserver offers more and more possibilities.

- **Adobe PDF Print Engine Version 6.3**
  The Adobe PDF Print Engine is now available in version 6.3, ensuring full compatibility with PDF files.

Detailed information on these highlights and on all other improvements can be found in the following chapters.

2 New Drivers

2.1 Printer Drivers

Manufacturer	Device name	PS	PG	FG
Canon	Canon Arizona 1340 GTF	Cat 2		
	Canon Arizona 1340 XTF	Cat 2		
	Canon Arizona 1360 GTF	Cat 2		
	Canon Arizona 1360 XTF	Cat 2		
	Canon Arizona 1380 GTF	Cat 2		
	Canon Arizona 1380 XTF	Cat 2		
	Canon iPF GP-2600S	Cat 1		
	Canon iPF GP-4600S	Cat 1		
	Canon iPF GP-6600S	Cat 1		
	Canon iPF TM-240	Cat 1		
	Canon iPF TM-250	Cat 1		
	Canon iPF TM-255	Cat 1		
	Canon iPF TM-340	Cat 1		
	Canon iPF TM-350	Cat 1		
	Canon iPF TM-355	Cat 1		
	Canon iPF TX-2100	Cat 1		
	Canon iPF TX-3100	Cat 1		
	Canon iPF TX-4100	Cat 1		
	Canon iPF TX-5210	Cat 1		
	Canon iPF TX-5310	Cat 1		
	Canon iPF TX-5410	Cat 1		
Digitech	TruFire LT	Cat 3		
	TruFire LTX2	Cat 3		
	TruFire ST	Cat 3		
EFI	EFI Pro 30H	Cat 2		
Epson	Epson SureColor SC-F22X0 4C Series	Cat 1		
	Epson SureColor SC-F22X0 5C Series	Cat 1		
Flora	Flora J-350P8	Cat 3		
	Flora X20UV	Cat 2		

Guangzhou AC Color	Guangzhou AC Color AC-CF3 1325	Cat 1		
	Guangzhou AC Color AC-CF3 Onepass	Cat 1		
	Guangzhou AC Color AC-RY1612	Cat 1		
	Guangzhou AC Color AC-RY2513	Cat 1		
	Guangzhou AC Color AC-RY800	Cat 1		
	Guangzhou AC Color AC-RY9060	Cat 1		
	Guangzhou AC Color AC-SY1216	Cat 1		
	Guangzhou AC Color AC-SY1290	Cat 1		
	Guangzhou AC Color AC-SY1612	Cat 1		
	Guangzhou AC Color AC-SY6090	Cat 1		
	Guangzhou AC Color AC-SY9060	Cat 1		
Guangzhou Baichuan Digital Equipment	BC 1810	Cat 1		
	BC 2513	Cat 1		
	BC 3220	Cat 1		
GuangZhou ChunYuQiuFeng	CF-HS-PB1016	Cat 1		
	CF-HS-PB1810	Cat 1		
	CF-HS-PB2513	Cat 1		
	CF-HS-PB3220	Cat 1		
	CF-HS-PB3325	Cat 1		
	CF-HS-PB5090	Cat 1		
	CF-JD-PB3325	Cat 1		
	CF-JD-PB5090	Cat 1		
	CF-RY-PB3325	Cat 1		
	CF-RY-PB5090	Cat 1		
Guangzhou Miracle Digital Technology	Color P130/90 EP	Cat 1		
	Color UV E-Pro	Cat 1		
	Color UV-RC	Cat 1		
HP	HP Latex 630	Cat 1		
	HP Latex 630W	Cat 1		
Ricoh	Ricoh Pro D1600	Cat 1		
Roland	Roland AP-640	Cat 2		
	Roland LEC2-330S-B200	Cat 1		
	Roland LEC2-330S-F200	Cat 1		
	Roland LEC2-640S-B200	Cat 2		
	Roland LEC2-640S-F200	Cat 2		
	Roland LEC2-640S-F300	Cat 2		
	Roland LEC2-640S-F400	Cat 2		

Shenzhen HCWY	Shenzhen HCWY HCBY-3830	Cat 1		
	Shenzhen HCWY HCHS-3830	Cat 1		
	Shenzhen HCWY HCJF-3830	Cat 1		
	Shenzhen HCWY HCRY-3830	Cat 1		
SignMaker	SignMaker SM EP184CL-A+	Cat 1		
	SignMaker SM EP184CL-E+	Cat 1		
	SignMaker SM EP184CL-U+	Cat 1		
	SignMaker SM EP460+	Cat 1		

2.2 Cutting Device Drivers

Manufacturer	Device name	Category
Changzhou Sinajet	Sinajet	Cat 1

Complete driver list on our website. Please note that drivers for Industrial Printing are not listed here.

3 Improvements and Bugfixes

3.1 NEW FEATURE Multilayer Printing

In addition to the printing of multiple layers, which has been supported for some time, it is now also possible to print multiple layers with different motifs in one job on top of each other.

This means that "Day & Night Backlit Prints" (prints with backlighting and day/night effect, e.g. for posters in illuminated display cases) and "Double-sided Block-Out Prints" with different motifs on front and back (e.g. for double-sided advertising banners) can be realized:

With backlit prints, the front and back of a transparent medium are each printed with a motif. Without lighting during the day, only the printed image on the front is visible, but at night, the backlighting combines the two motifs to create a completely different appearance. This is made possible by applying several layers, which are printed in the sequence "color - white - color".

Double-sided block-out prints achieve a different effect. Here too, different motifs are printed on the front and back of the medium. In contrast to backlit printing, however, the image on the other side should not show through, but only the respective motif is visible on each side - even in unfavorable lighting conditions, such as against the light. This is made possible by an internal barrier layer, so that the different layers are applied in the sequence "color - white - black - white - color".

The prerequisite for Multilayer Printing is support by the respective printer. Multilayer Printing is currently available on the following devices: Canon Colorado M-Series, EFI Pro 30H, Epson SureColor SC-S806X0 Series, HP Latex 630W, HP Latex 700W, HP Latex 800W and Mimaki UCJV300.
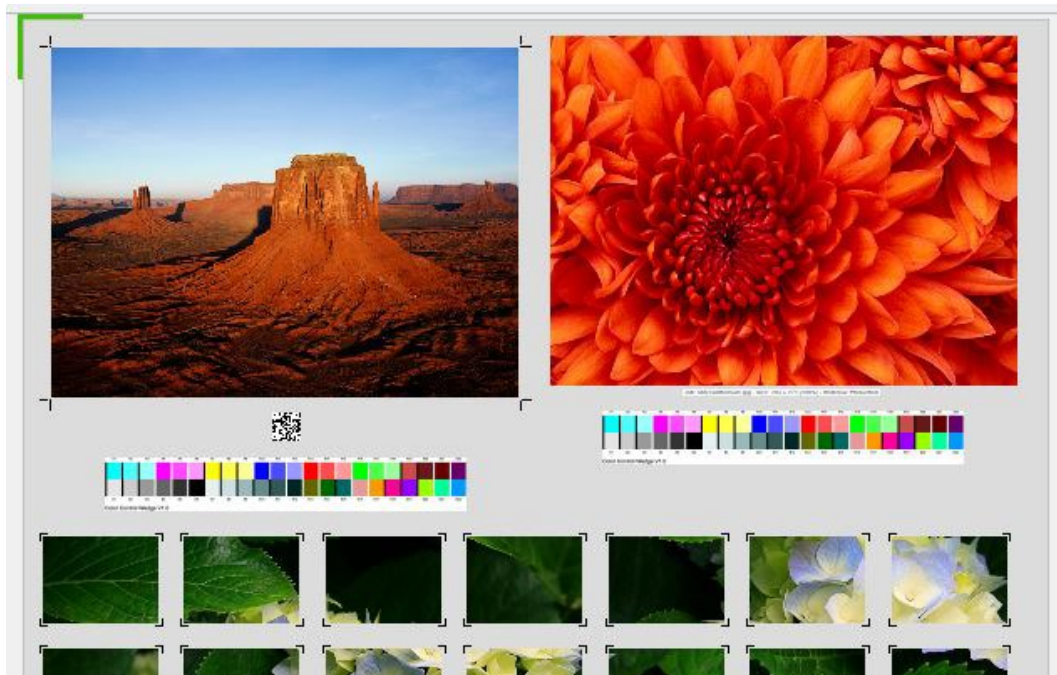
3.2 <mark>NEW</mark> Optimized Media Preview

The media preview has been completely updated and optimized:

- All additionally printed elements that can be added to a job file by Productionserver such as control wedges, job info text / QR codes, confidence strips and all kind of marks (cut marks, tiling marks, registration marks, Fotoba marks) are now displayed in the media preview.

- Container jobs are displayed as single jobs, so that all additional elements can also be displayed for containers.

- The display of multi-page jobs in the media preview has been optimized: The individual pages are now displayed with spaces in between and with page numbers.
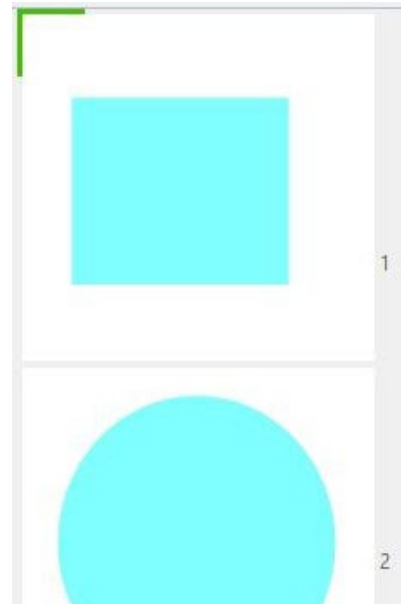
- It is now possible to work continuously with the program while loading the media preview for very large files.

- Unprintable margins can optionally be displayed in the media preview and are shown as a shaded area.
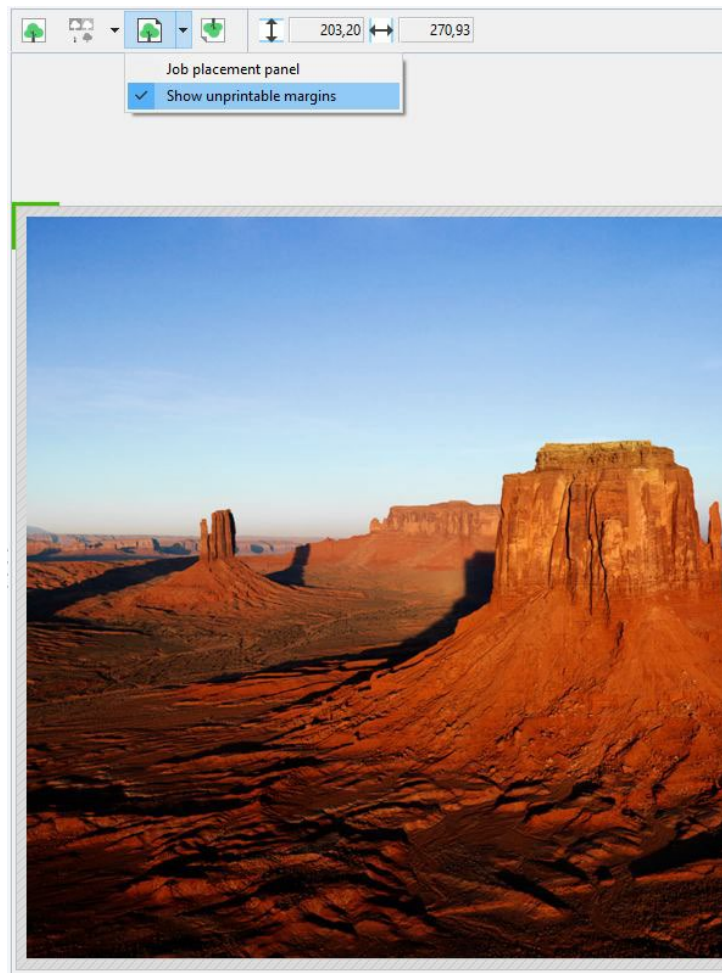
- In the advanced preview (which opens after double clicking on the media preview) the media preview is now displayed so you can select an area and zoom in (please note that this function is not yet available for containers).
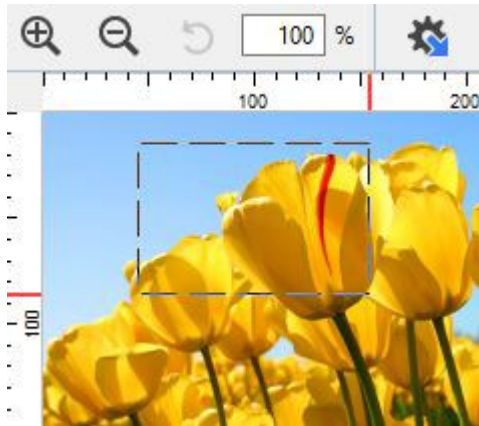
- Zooming in and out in the advanced preview now takes place in several individual steps.

3.3 General Improvements and Bugfixes

- **NEW** It is now possible to define a horizontal and vertical offset for the job info text or QR code and thus increase the distance between the print image and the job info if required. In addition, the size of the QR code can now be specified.
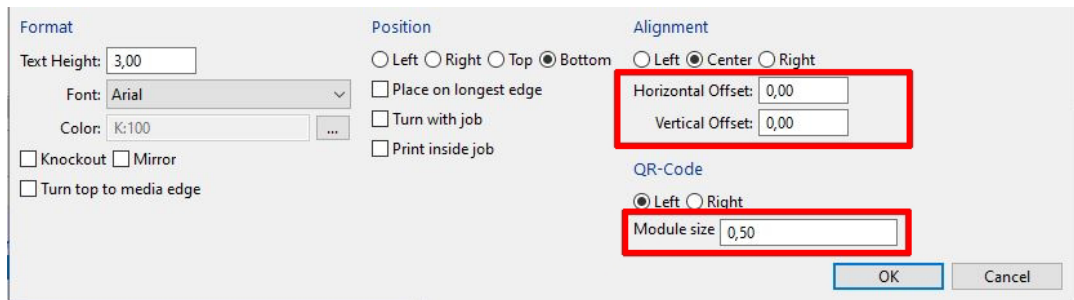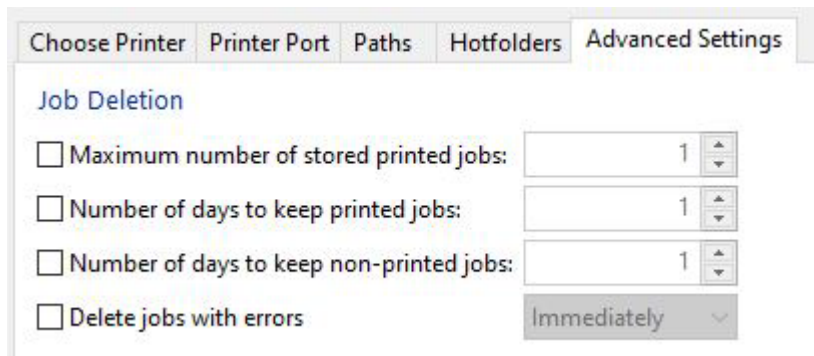

- **NEW** The function for automatically deleting jobs has been expanded and made more intuitive. In addition to specifying the maximum number of stored jobs and the storage duration for printed jobs, it is now also possible to define how long unprinted jobs should be stored and when faulty jobs should be deleted.

- **NEW** If the analysis of a source file fails, the job is now automatically removed from the job archive and a corresponding error message is stored in the system log.

- **NEW** Since version 23, the software did not allow using identical hotfolder paths to avoid errors. Now it is possible to use identical hotfolder paths on the condition that only one is active at any given time. This can for example be used to quickly switch between different printers.

- **BUGFIX** Since version 23, the print output was not correct if both the confidence strip and Fotoba cut marks were activated at the same time.

- **BUGFIX** If an update notification was displayed during a print operation, the program crashed since version 23.10.

- **BUGFIX** If the option "Crop to printable area" was activated when using rollfeed, the media was also cut off at the top and bottom, and not only at the sides.

- **BUGFIX** The software crashed when trying to load a .cspx file that was created for a printer that was not included in the license.

- **BUGFIX** For printers using RGB and spot colors, the "Choke (-)" option for special colors was ignored when using RGB color mode.

- **BUGFIX** If a hotfolder used a MIM that had been deleted in the meantime, the name of the MIM was still displayed in the job info of jobs that were created from this hotfolder.

Color Management:

- **NEW** The CrossXColor Library has been updated to V1.21, resulting in better compatibility, performance and color output.

- **NEW** Clicking the "Refresh List" button in the "Profile Administration" dialog previously only updated the cache for output profiles and linearizations. To update other files (e.g. simulation profiles), the program had to be restarted. Now, the "Refresh List" button also updates all other relevant types of profiles.

- **NEW** The simultaneous activation of "Preserve pure colors" and "Use device links" led to conflicts and unexpected output colors when processing jobs. To avoid this situation, the two options can no longer be used at the same time.

- **NEW** The improved color management for PDF files with overprints/transparencies for output in multicolor modes (e.g. CMYKOG), which was deactivated in version 23, is now available again.

- **BUGFIX** Sometimes a white linearization was applied to files that did not contain a white linearization in their profiles.

- **BUGFIX** Ink configurations that did not have black as the fourth channel caused unexpected results in the created output profiles.

- **BUGFIX** The function "Preserve pure colors" did not work correctly with xCLR profiles.

- **BUGFIX** If several spot color replacements were defined in a job, the function "Preserve pure colors" was not executed correctly.

- **BUGFIX** When processing PDF files in proof workflow, optimized DeviceLink profiles have not been applied, when calculating the paper simulation for blank areas (where no PDF objects were placed).

Color Replacement:

- **BUGFIX** Smooth transition areas in an image were stepped and disjointed when the alpha channel was assigned to CMYK/CMYK(icc)/Device White via the color table.

File Handling:

- **BUGFIX** In some cases, the EXIF information was not read from JPEG files. This depended on the application used to save the file.

Licensing:

- **NEW** The licensing model has been made simpler and more user-friendly: The license types "Multi Host License (MHL-SW)" and "Multi Host Additionals (MHA)" are no longer offered. In addition, the available license types have been given a simpler and more comprehensible name, so that users can now choose between "licenses with soft key" (previously called "Single Host License / Software (SHL-SW)") and "licenses with USB key" (previously called "Single Host License / Hardware (SHL-HW)").

- **NEW** When installing a software update, the installation program now also checks for licenses with soft key whether the Value Pack of the corresponding license is still valid and thus whether the new software version can be installed.
  If the Value Pack is no longer valid and must be renewed before installation, a corresponding message appears.

Preview:

- **NEW** The preview can now be displayed simultaneously for two selected jobs. This is very helpful for comparing two jobs with each other, e.g. for a soft proof.
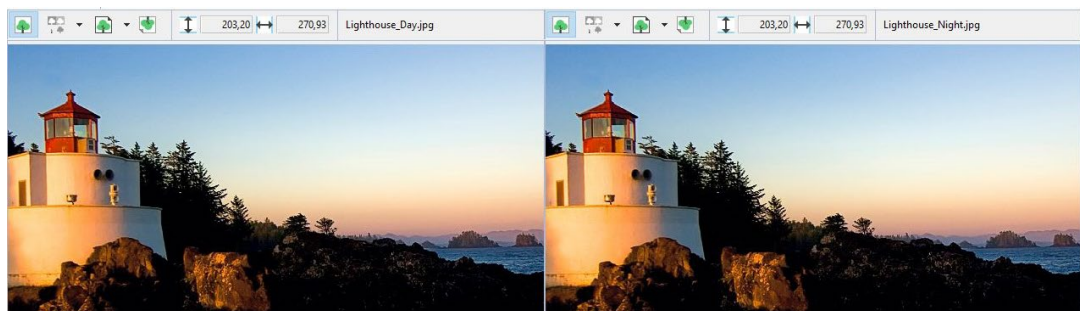
- **BUGFIX** The media preview and the preview of the printer output for tiled multi-copy jobs was incorrect.

- **BUGFIX** Since version 23.10, the print data of jobs that had been rotated in the job placement panel were cut to the height that the job had before the rotation.

Send To:

- **BUGFIX** If a job was sent to another printer via the "Send to" function, the program sometimes crashed.

System Backup:

- **BUGFIX** In some cases, an incorrect file size was displayed for the backup file before a system backup was created.

- **BUGFIX** When restoring the backup of a system configuration, existing hotfolders are no longer renamed with incremented numbers, but keep the same name.

User Interface:

- **NEW** When web tickets are opened or newly created in the program (under "Help" > "Web tickets"), attached images are now displayed properly in the comment and no longer only as HTML text.

- **BUGFIX** Since version 23.10, the information about the expiration date of the Value Pack was missing in the "About..." dialog (menu "Help" > "About...").

- **BUGFIX** In the proof workflow, the buttons for "Printing Condition" and "Proofer Profile" on the "Profiles" tab were erroneously grayed out.

- **BUGFIX** If color information is displayed in the advanced preview using the color picker and then the preview mode is changed to one that does not support the color picker, it is now deactivated and the corresponding button is grayed out.

3.4 Adobe® PDF Print Engine

Information about this function on the website.

- **NEW** The Adobe PDF Print Engine has been updated to version 6.3.

- **BUGFIX** Since version 23, sometimes an RPC error occurred when ripping jobs with certain resolutions.

- **BUGFIX** If the anti-aliasing option "Text & Vector" was activated and an asymmetric output resolution (e.g. 900x720 dpi) was used at the same time, the corresponding file could not be ripped.

3.5 aNy Color Profiler Module 3+4 ch

Information about this module on the website.

- **BUGFIX** Due to a problem with the channel order, single separations were not used in the profile under certain circumstances.
  This has been corrected and, in conjunction with optimized profiler settings, now leads to an improved usage of the available inks.

3.6 aNy Color Profiler Module 3-8 ch

Information about this module on the website.

- **BUGFIX** Due to a problem with the channel order, single separations were not used in the profile under certain circumstances.
  This has been corrected and, in conjunction with optimized profiler settings, now leads to an improved usage of the available inks.

- **BUGFIX** If K was on the sixth channel in the ink set configuration, it was not used even if it was set to "achromatic". Due to various optimizations, K is now used and the overall quality of the output profile has been improved.

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3.7 Color Correction Loop Module

Information about this module on the [website](#).

- **NEW** The Color Correction endpoint in the REST API now supports the extensions to create Fingerprint based loops. This facilitates reruns of jobs via REST and allows for a higher degree of automation.
  In addition, it is now possible to create a correction of a Fingerprint file via REST.

3.8 Container

Information about this function on the [website](#).

- **NEW** The new option "End after this number of jobs" allows to close a hot container after a fixed number of jobs have been added.
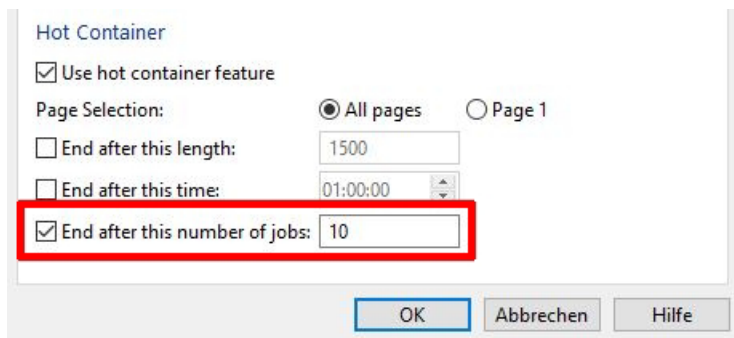
- **NEW** If "Ordered nesting" is activated for a container, there is now the new function "Horizontally center all jobs" with which all jobs contained in the container are arranged vertically and at the same time centered horizontally on the media.
  This option improves the container functionality, especially for certain label printer workflows.
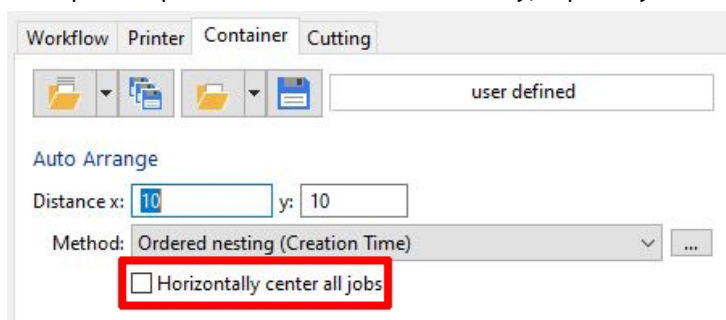
- **NEW** When creating a container and several hotfolders are available, it is possible now to select which hotfolder should be used for the container settings.
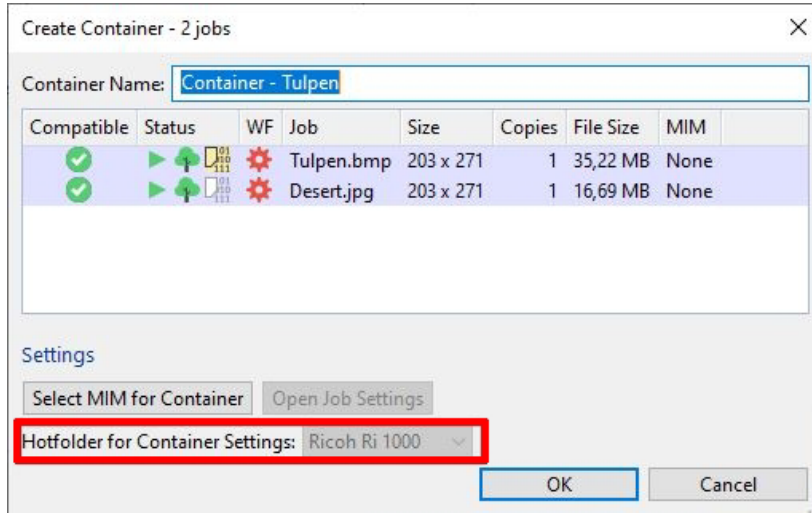
- **BUGFIX** For multi-page containers, the selected information for the container name or the destination path was not applied correctly.

- **BUGFIX** Container settings made in the hotfolder were not applied to the corresponding jobs.

- **BUGFIX** Since version 23.11, if a container with Flexa marks contained a cut mark on the right-hand side, a part of the motif was overprinted.

3.9 Cost Calculation Module

Information about this module on the <u>website</u>.

- **BUGFIX** On certain systems, it was not possible to configure the big droplet size.

3.10 Device Link Profiler Module

Information about this module on the website.

- **NEW** The Device Link Profiler has been enhanced with the option to use device links without the need for the Proof Standard Digital Module as before.

3.11 Filmgate / Film and Plate Module

Information about this module on the website.

- **BUGFIX** In screen workflow, the program crashed when creating a preview of a pre-separated job with an activated output profile.

- **BUGFIX** In the preview window, the buttons for "Colored Separations" and "Separations" have been removed, as these are not useful in screen workflow.

- **BUGFIX** In screen workflow, the input field to define the distance between the planes ("Distance x / y") was grayed out when the number for the multiple output was "1". Now, the input of the distance is always possible.

Epson SureColor SC-P75x0 Series / SC-P95x0 Series:

- **NEW** The drivers are now also available for Filmgate and the Film and Plate Module.
  Based on our tests they can achieve screen rulings of up to 81 lpi, which is lower than former Epson models because of the special double head configuration this series of printers is using.

3.12 Job Backup Module

Information about this module on the website.

- **BUGFIX** In the "Restore Job Backup" dialog, the checkbox "Show job backups from different printer types" was not displayed.

- **BUGFIX** If the option "Remove job after backup" was active either for a job or for a hotfolder, the corresponding job was removed directly after printing since version 23.11 without a job backup having been created beforehand.

3.13 Media Device Synchronization

Information about this module on the website.

- **NEW** Media Device Synchronization can now be used via REST.

- **BUGFIX** If a MIM was exported with compatibility for multiple printers and the Media Device Synchronization was performed for one of these compatible devices, the button "Automatically measure target after printing" was not available.

3.14 Print and Cut Module

Information about this module on the website.

- **BUGFIX** Under certain circumstances, the cutting function was not applied from the hotfolder settings.

- **BUGFIX** The option "Synchronization mark background color" was sometimes also displayed for cutting devices that do not support this function (e.g. Graphtec (CE, FC)).

- **BUGFIX** If there was a "/" in the job name, no cut data was created and an error message appeared.

- **BUGFIX** When checking the value entered for the "Max. segment length", the maximum segment length of the cutter was not taken into account.
  In addition, the tooltip for "Max. segment length" displayed the values in mm, even if the unit was set to inches.

- **BUGFIX** The "Create Cut Job" function failed if a cut path color was only used for PDF raster objects (e.g. in a DeviceN color space).
  Now, cut path colors used only for PDF raster objects are ignored when creating a cut job. In addition, a warning is added to the job log, showing all colors that do not create cut data.

Graphtec DLC1000 / Graphtec (FCX):

- **BUGFIX** The option "rotated" for the cut job orientation was incorrectly available and was therefore removed.

IECHO-SK:

- **BUGFIX** The QR code that can be generated when printing a file did not contain the correct file name of the cut path.

- **BUGFIX** Synchronization marks were not located in the correct layer, so the layer name could not be edited.

- **BUGFIX** If layer names were defined in the Device Parameter Sets, they were not stored within the .dxf file.

Jingwei-SK:

- **BUGFIX** The QR code that can be generated when printing a file did not contain the correct file name of the cut path.

- **BUGFIX** Synchronization marks were not located in the correct layer, so the layer name could not be edited.

Summa F Series:

- **NEW** An optional marker can now be used to display the origin of the file, making it easier to place it correctly on the cutter.
  It is also possible to define the distance between the marker and the registration mark as well as the size of the marker.
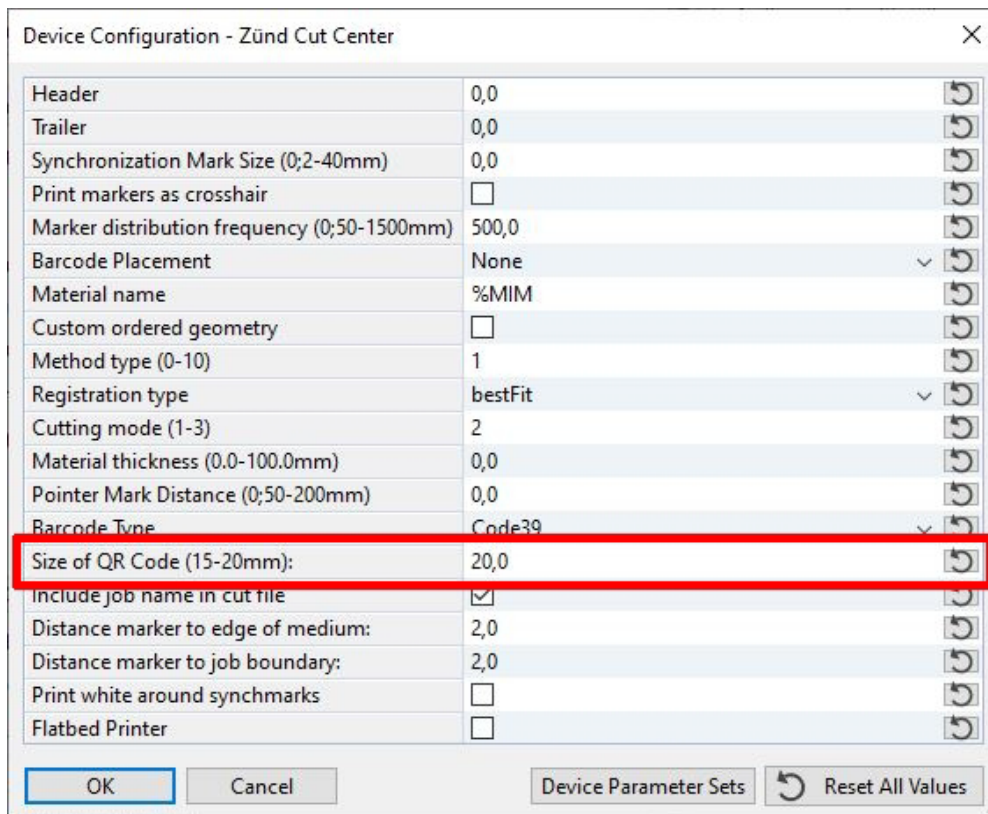
Device Configuration - SummaSign F Series		×
Header	0,0	↺
Trailer	0,0	↺
Synchronization Mark Size (4-16mm)	5,0	↺
Distance Between Markers At Left/Right (0;50-500mm)	250,0	↺
Distance Between Markers At Top/Bottom (0;50-500mm)	0,0	↺
Print Barcode	No barcode ⌄	↺
Barcode Type	Code39 ⌄	↺
Output Format:	.oxf ⌄	↺
Material to be cut:	Vinyl 0.2 mm ⌄	↺
Cutting method:	Draw ⌄	↺
Point out origin marker	☐	↺
Indicator Distance To Marker (5-100mm)	10,0	↺
Indicator Size (0-100mm)	30,0	↺
OK	Cancel	Device Parameter Sets ↺ Reset All Values

- **BUGFIX** To prevent incorrect options from being displayed under certain conditions, only the name of the output layer can now be entered as a device parameter set.

Zünd Cut Center:

- **BUGFIX** The position of the synchronization marks was not calculated correctly, so the marks and cut path were shifted.

- **BUGFIX** The size of the QR code has been corrected and is now between 15 and 20mm (default size is 15mm). To set the size between these ranges, there is a new option.

Device Configuration - Zünd Cut Center		×
Header	0,0	↺
Trailer	0,0	↺
Synchronization Mark Size (0;2-40mm)	0,0	↺
Print markers as crosshair	☐	↺
Marker distribution frequency (0;50-1500mm)	500,0	↺
Barcode Placement	None ⌄	↺
Material name	%MIM	↺
Custom ordered geometry	☐	↺
Method type (0-10)	1	↺
Registration type	bestFit ⌄	↺
Cutting mode (1-3)	2	↺
Material thickness (0.0-100.0mm)	0,0	↺
Pointer Mark Distance (0;50-200mm)	0,0	↺
Barcode Type	Code39 ⌄	↺
Size of QR Code (15-20mm):	**20,0**	↺
Include job name in cut file	☑	↺
Distance marker to edge of medium:	2,0	↺
Distance marker to job boundary:	2,0	↺
Print white around synchmarks	☐	↺
Flatbed Printer	☐	↺
OK Cancel	Device Parameter Sets ↺ Reset All Values	

3.15 Profiler Module / Linearization Assistant

Information about the Profiler Module here on the website.
Information about the Linearization Assistant here.

- **NEW** Opening and saving .ccx files are now restricted to the designated folder. This prevents potential errors, because .ccx files do not work correctly if they are located anywhere else.

- **NEW** When importing measurement data with invalid Lab values (L values over 100), a corresponding error message is now displayed in the assistant. In addition, invalid measured values are marked with an exclamation mark so that they are easy to recognize.

- **BUGFIX** In xCLR modes with spot color channels, opening the droplet separation or pre-calibration caused the software to crash.

- **BUGFIX** If a linearization was performed for an xCLR color where the achromatic channel was not in the fourth position, an inappropriate ink limit mode was used for this channel ("max. Chroma" instead of "L min").
  For the fourth channel, "L min" was used instead of "max. chroma".

- **BUGFIX** It was not possible to measure a CMYKLcLmOG Quick Linearization Target.

3.16 Quality Assurance Module


Information about this module on the website.

- **BUGFIX** Control wedges are now ripped and the program does not slow down if the Adobe PDF Print Engine (APPE) is deactivated or not licensed.

3.17 REST API Module

Information about this module on the website.

- **NEW** Media Device Synchronization can now be used via REST.

- **NEW** The Color Correction endpoint in the REST API now supports the extensions to create Finger-print based loops. This facilitates reruns of jobs via REST and allows for a higher degree of automa-tion.
  In addition, it is now possible to create a correction of a Fingerprint file via REST.

- **NEW** The new function "Horizontally center all jobs", with which jobs in a container are arranged one below the other and centered horizontally, is also available via REST.

- **NEW** When creating a container and several hotfolders are available, it is possible now to select al-so via REST which hotfolder should be used for the container settings.

- **NEW** The export of preview and output profile files is now possible with the new endpoint 12.9.

- **NEW** The new endpoint 4.4.10 allows the download of channel preview images.

- **NEW** REST requests can now be documented in the Support Info File (SIF). This simplifies and speeds up support in the event of any REST errors.
  For this purpose, there is a new checkbox in the "Configure Diagnostics" dialog, which can be used to activate the logging of REST requests.
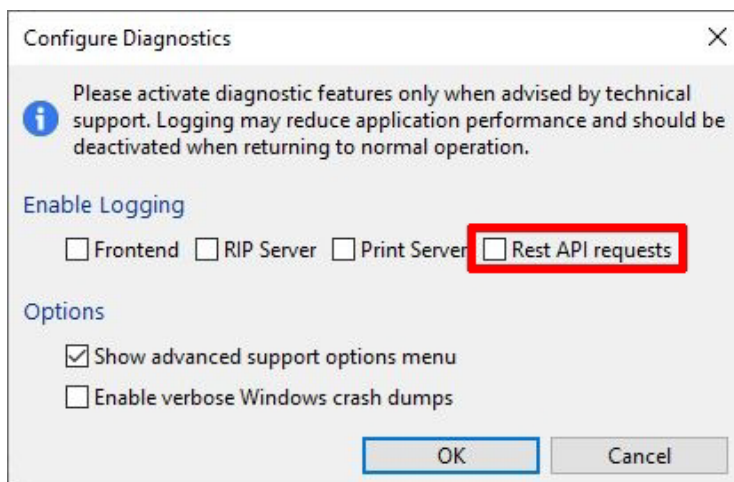
- **NEW** For a multi-page file, the number of pages can now also be provided via REST.

- **NEW** "Get status of Fingerprint" and "Close Color Correction" has been added.

- **NEW** The logging of the REST API has been extended to include the request header.

- **NEW** The check of the content type of a POST request has been extended to accept "application/json" with additional data like "charset=utf-8".

- **BUGFIX** It was not possible to use "Get Data" for Fingerprint and Color Correction Loop Module. This is now supported.

- **BUGFIX** If the Fingerprint Module and the Color Correction Loop Module were executed on several printers via REST, the REST server could crash depending on the sequence in which the printers were opened.

3.18 Tiling

Information about this function on the website.

- **BUGFIX** When printing, there was no difference whether all or no tiles were selected in the "Tiles" dialog for a tiled job (in both cases, all tiles were printed).
To eliminate this inconsistency, the "Tiles" dialog can no longer be excited by clicking "OK" without at least one tile being selected. For older jobs in which no tile was selected, all tiles will be selected in future to indicate that the entire job will be printed.
In addition, the button "All Pages" has been renamed to "Select All" and "No Page" to "Unselect All" to make them easier to understand.
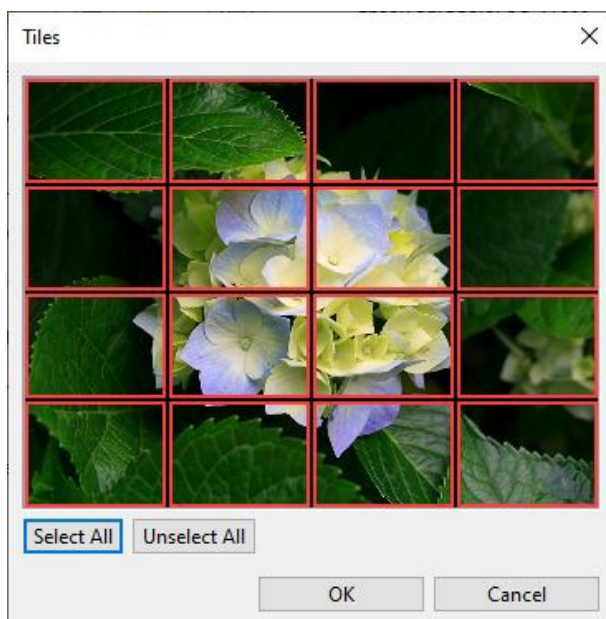
- **BUGFIX** If a job for which a horizontal and a vertical tiling was defined was to be multi-copied, not all tiles or not all copies were printed.

- **BUGFIX** After splitting a tile into single jobs, the no-ink area on the output of the single jobs was in different places.

- **BUGFIX** If a multi-copy job was tiled, its preview was not the same as the print output.

- **BUGFIX** The media preview and the preview of the printer output for tiled multi-copy jobs was incorrect.

- **BUGFIX** If the tiles of a job were saved as single jobs using the "Split tiles into jobs" function and were then grouped in a container, the individual jobs in this container could not be scaled correctly.

- **BUGFIX** When cropping a tiled job, the cropping x-offset and the width was modified when dragging the top-center handle, although they should be locked.

3.19 Trim Nesting Module

Information about this module on the website.

- **NEW** The sort criteria for jobs in a container have been enhanced by an item for "Job Size".
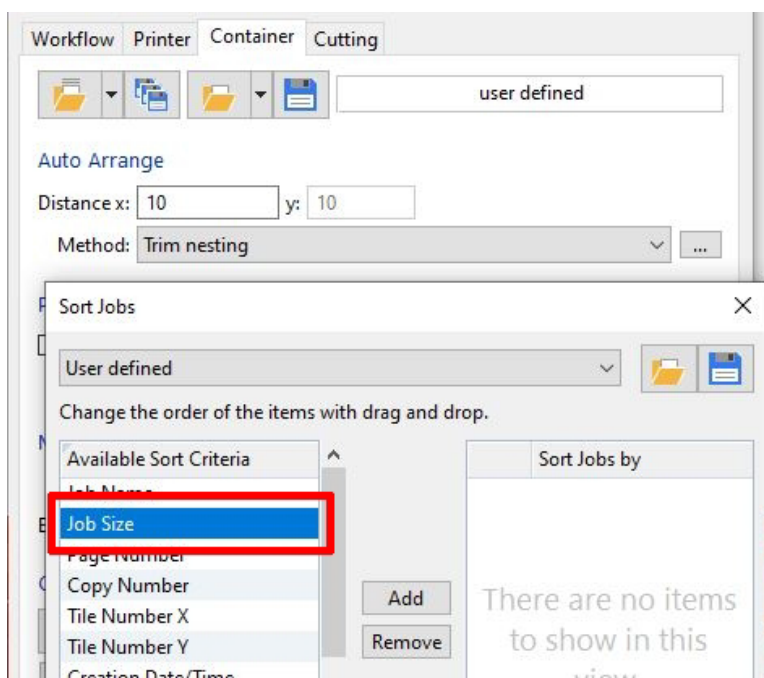
3.20 Printer related

Brother GTX-422 / GTX-600 / GTXpro:

- **BUGFIX** When printing on different platen sizes, incorrect offset values were used.

- **BUGFIX** Leading and trailing spaces of platen names were lost during transfer to the printer.

Canon (all printer drivers):

- **NEW** It is possible now to skip the linearization step in the profiling process when the printer half-toning is used.

Canon Colorado M-Series:

- **NEW FEATURE** Multilayer Printing is now available for this printer driver, so it is possible to print multiple layers with different motifs in one job on top of each other (see 3.1).

- **NEW** It is possible now to skip the linearization step in the profiling process when the printer half-toning is used.

- **BUGFIX** When downloading a media entry from the printer in the "Synchronize Media With Printer" dialog, it was possible to unintentionally create duplicates.
  Now, duplicates are detected and the program asks if the existing entry shall be overwritten.

- **BUGFIX** When uploading a media entry that already exists in the "Synchronize Media With Printer" dialog, there is now the option to overwrite the entry stored on the printer.

- **BUGFIX** The special printing options for the special color "White" were not assigned correctly, so that, for example, the option "Flood" was used when "Filling" was selected.

Canon iPF TX-2000 / TX-3000 / TX-4000 / TX-5200 / TX-5300 / TX-5400:

- **NEW** It is possible now to skip the linearization step in the profiling process when the printer half-toning is used.

- **NEW** Support of 1and 2 bit print modes has been added.

ColorGATE Windows Printer:

- **BUGFIX** Since version 21, the option "Send data in BGR order (blue, green, red)" was missing in CMYK color mode.

- **BUGFIX** The printer driver did not work in version 23.11.

Durst RHO 500R:

- **BUGFIX** When entering the Media ID, the ID was entered backwards.

Epson (all printer drivers):

- **NEW** It is possible now to skip the linearization step in the profiling process when the printer half-toning is used.

Epson SureColor SC-F64X0H FpFy Series / Epson SureColor SC-F94X0H Series:

- **NEW** It is possible now to skip the linearization step in the profiling process when the printer half-toning is used.

- **BUGFIX** When "Epson Precision Dot" was selected as halftoning method, the color mode CMYK+Fp+Fy could not be used. Accordingly, neon colors were not shown as special colors and a color replacement was not possible.

Epson SureColor SC-P75x0 Series / SC-P95x0 Series:

- **NEW** The drivers are now also available for Filmgate and the Film and Plate Module.
  Based on our tests they can achieve screen rulings of up to 81 lpi, which is lower than former Epson models because of the special double head configuration this series of printers is using.

- **NEW** It is possible now to skip the linearization step in the profiling process when the printer half-toning is used.

Epson SureColor SC-S806X0 Series:

- **NEW FEATURE** Multilayer Printing is now available for this printer driver, so it is possible to print multiple layers with different motifs in one job on top of each other (see 3.1).

- **NEW** It is possible now to skip the linearization step in the profiling process when the printer half-toning is used.

Epson SureColor SC-V7000:

- **NEW** It is possible now to skip the linearization step in the profiling process when the printer half-toning is used.

- **BUGFIX** It was not possible to create a cost report with the Cost Calculation Module.

- **BUGFIX** The "Intensity" option for "Spot" mode was missing in the special color settings for "Varnish".

- **BUGFIX** In the French user interface, the special color settings for "Varnish" were not displayed correctly and the special color settings for "White" were not translated.

FUJIFILM Acuity LED 1600R:

- <mark>BUGFIX</mark> In the advanced settings, the "Layers" option for "White & CMYK" was missing.

FUJIFILM Acuity Prime L:

- <mark>NEW</mark> The speed of data transfer has been optimized.

GuangZhou ChunYuQiuFeng CF-JD-PB1016 / CF-JD-PB1810 / CF-JD-PB2513 / CF-JD-PB3220 / CF-JD-YZ2510JJ:

- <mark>NEW</mark> A new print mode for resolution 720x1800,12 Pass, 2 Bit has been added.

GuangZhou ChunYuQiuFeng CF-JD-SinglePass:

- <mark>NEW</mark> The maximum width has been changed to 3000mm and the maximum height to 9100mm.

- <mark>NEW</mark> A new print mode for resolution 720x1800,12 Pass, 2 Bit has been added.

GuangZhou ChunYuQiuFeng CF-RY-PB1016 / CF-RY-PB1810 / CF-RY-PB2513 / CF-RY-PB3220:

- <mark>NEW</mark> A new print mode for resolution 720x1800,12 Pass, 2 Bit has been added.

Guangzhou PuLisi Technology Co PuLisi-H:

- <mark>BUGFIX</mark> Three droplet sizes with 2 Bit are now available by default.

GUNSJET KGT Label 510:

- <mark>NEW</mark> The special color channels White 3, White 4, Varnish 3, Varnish 4, Device Spot 1, Device Spot 2 and Device Spot 4 are now also supported.

HP (all printer drivers):

- <mark>NEW</mark> It is possible now to skip the linearization step in the profiling process when the printer half-toning is used.

HP-DesignJet-Z6 24" / HP-DesignJet-Z6 44" / HP-DesignJet-Z6 Pro 64" / HP-DesignJet-Z6dr 44" / HP-DesignJet-Z9 Pro 64" / HP-DesignJet-Z9+ 24" / HP-DesignJet-Z9+ 44" / HP-DesignJet-Z9+dr 44":

- <mark>NEW</mark> It is possible now to skip the linearization step in the profiling process when the printer half-toning is used.

- <mark>NEW</mark> When MIM combinations are created with HP Media Management, the recommended rip resolution is now automatically preset.

- <mark>BUGFIX</mark> In certain cases, it was not possible to carry out a measurement.

- **BUGFIX** The length of the media is now only checked for non-roll media before printing.

- **BUGFIX** Sometimes there was a false warning message at the start of printing if a media check had previously been carried out.

HP Latex 700 / HP Latex 800:

- **NEW** It is possible now to skip the linearization step in the profiling process when the printer half-toning is used.

- **NEW** When MIM combinations are created with HP Media Management, the recommended rip resolution is now automatically preset.

- **BUGFIX** In certain cases, it was not possible to carry out a measurement.

- **BUGFIX** The length of the media is now only checked for non-roll media before printing.

- **BUGFIX** Sometimes there was a false warning message at the start of printing if a media check had previously been carried out.

- **BUGFIX** After downloading ICC profiles or downloading and creating MIM's, the list showing the downloaded files was sometimes very long and the OK button to close the list was not reachable. Now, the count of output lines is restricted and if there are more results, they are compressed in a summary line at the end of the list.

HP Latex 700W / HP Latex 800W:

- **NEW FEATURE** Multilayer Printing is now available for this printer driver, so it is possible to print multiple layers with different motifs in one job on top of each other (see 3.1).

- **NEW** It is possible now to skip the linearization step in the profiling process when the printer half-toning is used.

- **NEW** When MIM combinations are created with HP Media Management, the recommended rip resolution is now automatically preset.

- **BUGFIX** In certain cases, it was not possible to carry out a measurement.

- **BUGFIX** The length of the media is now only checked for non-roll media before printing.

- **BUGFIX** Sometimes there was a false warning message at the start of printing if a media check had previously been carried out.

- **BUGFIX** After downloading ICC profiles or downloading and creating MIM's, the list showing the downloaded files was sometimes very long and the OK button to close the list was not reachable.

Now, the count of output lines is restricted and if there are more results, they are compressed in a summary line at the end of the list.

Mimaki JV300 plus:

- <mark>BUGFIX</mark> Only the values for M, Y and K, not for C, were displayed in the Printer Status Monitor.

Mimaki UCJV300:

- <mark>NEW FEATURE</mark> Multilayer Printing is now available for this printer driver, so it is possible to print multiple layers with different motifs in one job on top of each other (see 3.1).

Océ Colorado 1630 / 1640:

- <mark>BUGFIX</mark> During MIM export, the export of additional driver data failed.

Océ Colorado 1650:

- <mark>BUGFIX</mark> During MIM export, the export of additional driver data failed.

- <mark>BUGFIX</mark> When trying to print a profile target during the profiling process, the program crashed.

Ricoh Pro D1600:

- <mark>NEW</mark> The following print mode parameters can now also be controlled via JDF and REST: color mode, heater settings and order of layers.
  In addition, it is now possible to ignore the value of a layering property.

- <mark>NEW</mark> The RIJP library has been updated, resulting in improved output quality.

- <mark>BUGFIX</mark> When hotfolder settings were changed by selecting "Printer" > "Properties..." > "Hotfolders" > "Settings" and the program was restarted after the changes were made, there was no connection to the printer after the restart.

Ricoh Pro L4100 Series / Pro L5130 / Pro L5160:

- <mark>NEW</mark> The following print mode parameters can now also be controlled via JDF and REST: color mode, heater settings and order of layers.
  In addition, it is now possible to ignore the value of a layering property.

- <mark>BUGFIX</mark> When hotfolder settings were changed by selecting "Printer" > "Properties..." > "Hotfolders" > "Settings" and the program was restarted after the changes were made, there was no connection to the printer after the restart.

Ricoh Pro L5130e / Pro L5160e:

- <mark>NEW</mark> The RIJP library has been updated, resulting in improved output quality.

- <mark>NEW</mark> The following print mode parameters can now also be controlled via JDF and REST: color mode, heater settings and order of layers.
  In addition, it is now possible to ignore the value of a layering property.

- <mark>BUGFIX</mark> When hotfolder settings were changed by selecting "Printer" > "Properties..." > "Hotfolders" > "Settings" and the program was restarted after the changes were made, there was no connection to the printer after the restart.

Ricoh Ri 4000:

- <mark>NEW</mark> The droplet sizes have been adapted.

Roland LEC2-330:

- <mark>BUGFIX</mark> When using the "Layers" setting on the "Print Mode" tab of the advanced settings, it was not possible to print.

- <mark>BUGFIX</mark> The scan speed limit and some nozzle settings were incorrect.

Roland MG-640:

- <mark>BUGFIX</mark> Due to an issue with the color transfer curve, vertical banding occurred under certain circumstances.

Roland SG3-300 / SG3-540:

- <mark>BUGFIX</mark> A drop-down menu for print modes has been added.

- <mark>BUGFIX</mark> Calibration, drying time and heater/dryer drop-down menus have been renamed.

- <mark>BUGFIX</mark> A drop-down menu for heater and dryer has been set up make it easier to control the temperature.

Roland TexArt ZT-1900:

- <mark>BUGFIX</mark> For the 600x300dpi and 600x900dpi print modes, the x and y resolutions were reversed.

Shenzhen CNTOP DTG:

- <mark>BUGFIX</mark> Printing in CMYKRG with special colors sometimes caused the printing process to crash.

swissQprint Oryx 4:

- <mark>BUGFIX</mark> Print mode 1080x360 has been added.

A list of all printer drivers supported by ColorGATE can be found on our [website](#).