



Release Notes for RICOH Auto Color Adjuster 1.4.2.0

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These release notes provide information about RICOH Auto Color Adjuster 1.4.2.0.

New Functions and Updates in Version 1.4.2.0

These new functions and updates are included in RICOH Auto Color Adjuster version 1.4.2.0.

- **Added new and custom color spaces for color verification.**

A new **[Color Space]** field was added to the Add/Edit Chart dialog. Therefore, when using the color verification feature of the Quick Color Adjustment function, the user can select the color space for each standard in the **[Color Verification]** list. Also, the user can save a color space by selecting the **[Save Custom Verification File]** checkbox in the Measurement and Saving Settings dialog of the Colorimetry function.

For more information, see the following publications:

- *RICOH Auto Color Adjuster: Installation Guide*, the “Settings in the Add/Edit Chart Dialog” section
- *RICOH Auto Color Adjuster: User Guide*, the “Configuration of the Colorimetry Dialog”, “Criteria for Color Verification”, and “Color Spaces” sections

- **Added new DFE support for the RICOH Pro C5300 with E-27B controller.**

- **Improved the RICOH Auto Color Adjuster installation procedure.**

For more information, see *RICOH Auto Color Adjuster: Installation Guide*, the “Installing the RICOH Auto Color Adjuster” section.

- **Improved the RICOH Auto Color Adjuster upgrade procedure.**

For more information, see *RICOH Auto Color Adjuster: Installation Guide*, the “Upgrading the RICOH Auto Color Adjuster” section.

- **Improved the RICOH Auto Color Adjuster backup procedure.**

For more information, see *RICOH Auto Color Adjuster: Installation Guide*, the “Backing Up Data” and “Backing Up the Application Settings” sections.

- **Improved the RICOH Auto Color Adjuster restore procedure.**

For more information, see *RICOH Auto Color Adjuster: Installation Guide*, the “Restoring Data” and “Restoring the Application Settings” sections.

- **Improved the firmware update process.**

If the firmware update is interrupted and therefore fails, the user can start the process from scratch and complete it successfully.

- **Replaced the ColorGATE Productionserver with the ColorGATE Profiler module.**

The user does not need to install, uninstall, activate, or operate the ColorGATE Profiler module. There is no ColorGATE Profiler user interface exposed to the user.

- **Added the [Edit Paper] button to the Manage Paper page of the web application.**

The new **[Edit Paper]** button allows the user to edit an existing paper if that paper is not part of a chart.

For more information, see *RICOH Auto Color Adjuster: Installation Guide*, the “Manage Paper” section.

- **Added the Date/Time column to the Quick Color Adjustment dialog.**

The new Date/Time column was added both to the color adjustment and to the color verification section. In the color adjustment section, this column displays the date and time when the application scans files for the color adjustment process. In the color verification section, this column displays the date and time when the application generates the color verification result. To avoid duplicate information in the Quick Color Adjustment dialog, the time was removed from the following columns: Pre-judgement, Create profile, and Register Profile to DFE.

For more information, see *RICOH Auto Color Adjuster: User Guide*, the “How to Use the Quick Color Adjustment Dialog” section.

- **Updated the maximum number of jobs displayed in the Quick Color Adjustment dialog.**

The maximum number of color adjustment jobs displayed in the Quick Color Adjustment dialog is 20. Also, the maximum number of color verification jobs displayed in the Quick Color Adjustment dialog is 20.

For more information, see *RICOH Auto Color Adjuster: User Guide*, the “How to Use the Quick Color Adjustment Dialog” section.

- **Updated the order in which messages are displayed in the Quick Color Adjustment dialog.**

Warning and error messages in the Quick Color Adjustment dialog are displayed in chronological order, from left to right. Therefore, the most recent message is always the first one in the left.

- **Improved the Details dialog in the Color Verification Results section of the Quick Color Adjustment dialog, for color verification jobs that fail.**

The Details dialog of color verification jobs that fail displays the threshold and the calculated values associated with the color verification standards. Furthermore, the main causes why the verification might have failed are also displayed in the Details dialog.

For more information, see *RICOH Auto Color Adjuster: User Guide*, the “How to Use the Quick Color Adjustment Dialog” section.

- **Improved the information displayed in the Quick Color Adjustment dialog when the color adjustment process throws a pre-judgement error.**

If the color adjustment process fails, the following values are displayed in the Pre-judgement section of the Quick Color Adjustment dialog: deviation on a page, deviation between pages, and CMYK. The value or values that generate the error are displayed in red. Furthermore, if a pre-judgement error occurs, the information displayed in the messages section also mentions which value caused the error.

For more information, see *RICOH Auto Color Adjuster: User Guide*, the “How to Use the Quick Color Adjustment Dialog” section.

- **Updated the number of decimal places for numbers indicating the color difference on the Management Console page.**

Each number indicating the color difference in the graph displayed on the Management Console page is rounded to one decimal place.

- **Updated the number of decimal places for numbers displayed in the Quick Color Adjustment dialog.**

The pre-judgement values shown in the Quick Color Adjustment dialog display two decimal values. Therefore, they are consistent with the pre-judgement values displayed on the Set Threshold page of the web application. The average and maximum values shown in the color verification section of the Quick Color Adjustment dialog display one decimal

value. Therefore, they are consistent with the color verification values displayed on the Set Threshold page of the web application.

- **Added the default value in between brackets next to each field on the Set Threshold page of the web application.**

For more information, see *RICOH Auto Color Adjuster: Installation Guide*, the “Settings on the Set Threshold Page” section.

- **Added new troubleshooting messages to the desktop application and improved the existing ones by providing more information.**

Known Limitations, Problems, and Workarounds

During Quick Color Adjustment, the scanning process becomes slower starting with the second page

During Quick Color Adjustment, do not overload your computer with other simultaneous tasks that can use up your computer resources.

Opening multiple Color Sample Matching instances simultaneously might cause unexpected results or errors

While using the Color Sample Matching function, make sure you have just one Color Sample Matching instance open.

Data format in Color Sample Matching

The Color Sample Matching function does not support data containing RGB, DeviceN, or gray scale.

The logs can use up your computer free space

If your disk space is full, you can manually delete the logs from the following folders:

- Logs saved during color verification: C:\RicoHAutoColorAdjuster\ChartLog\calib
- Logs and data saved during scanning: C:\RicoHAutoColorAdjuster\ChartLog\data
- Images saved during Color Sample Matching: C:\RicoHAutoColorAdjuster\hotfolder_ColorMatch
- Stored prejudgement data: C:\RicoHAutoColorAdjuster\dat_SAVE
- Stored verification data: C:\RicoHAutoColorAdjuster\it8_SAVE

The files generated during each color sample matching job are stored in a separate folder created at the previously mentioned paths. Each of these folder names is based on a date and time template. The date and time in your folder name matches the date and time of the corresponding log file. To free up disk space, consider removing log files with a bigger size.

Internet connection for the cloud license system

You need to access the cloud license system to issue one-time passwords. To access the cloud license system, connect to the internet.

Code Change Requests Included in Release 1.4.2.0

Release 1.4.2.0 includes resolution for this Code Change Request (CCR):

RL3-18	Quick Color Adjustment automatic profile registration (using RPA) fails for TotalFlow Print Server DFE in version 1.4.0.0
RL3-21	Some Lab values of Verification data are wrong
RL3-23	Licensing is not working due to WMIC (Windows Management Instrumentation Command-line) no longer preinstalled with Windows 11 24H2 update

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- Microsoft[®] Windows[®] 10 Mobile Enterprise

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