

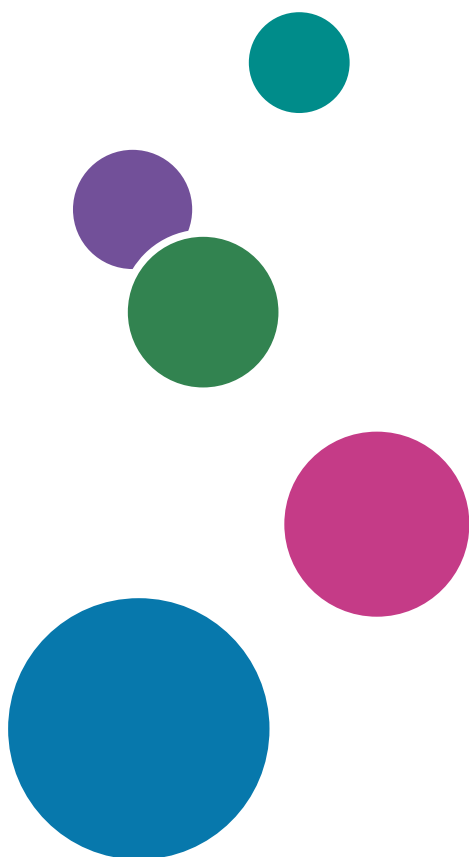


### **Release Notes for RICOH Auto Color Adjuster 1.6.0.0**

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For information not in this manual, refer to the Help System in your product.





# 1. Release Notes for RICOH Auto Color Adjuster 1.6.0.0

- **New Functions and Updates in Version 1.6.0.0**
- **Known Limitations, Problems, and Workarounds**
- **Security Fixes Included in Release 1.6.0.0**
- **Code Change Requests Included in Release 1.6.0.0**
- **Trademarks**

These release notes provide information about RICOH Auto Color Adjuster 1.6.0.0.

## New Functions and Updates in Version 1.6.0.0

These new functions and updates are included in RICOH Auto Color Adjuster version 1.6.0.0.

- **New and improved color charts**

Starting with this version of the application, you can only use color charts generated with version 1.6.0.0.

**★ Important**

- The layout of the color charts was significantly improved in version 1.6.0.0. The color charts generated with earlier versions of the application are obsolete.

Before scanning a color chart for the Quick Color Adjustment function, generate it from the web application by:

- Printing directly, if the hot folder feature is enabled.
- Downloading the chart and printing it using your print application.

Before scanning a color chart for the Colorimetry function, print the new and improved chart found at the following location: C:\RicohAutoColorAdjuster\ColorimetryCharts

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

- **Added support for printing color charts for the Quick Color Adjustment function directly from the web application**

The RICOH Auto Color Adjuster now supports sending color profiling and color verification charts directly from the web application to a hot folder used for printing files.

For details, see *RICOH Auto Color Adjuster: User Guide*, the “Printing the Color Profiling Chart from the Web Application” and “Printing the Color Verification Chart from the Web Application” sections.

- **Added support for the RICOH Pro VC80000 with the R900A DFE**

The RICOH Auto Color Adjuster now supports the automatic import of ICC profiles generated with the Quick Color Adjustment function into the RICOH Pro VC80000 with the R900A DFE.

- **Added support for the RICOH Pro Z75 with the N-500 DFE**

The RICOH Auto Color Adjuster now supports the automatic import of ICC profiles generated with the Quick Color Adjustment function into the RICOH Pro Z75 with the N-500 DFE.

- **Added support for the RICOH Pro C5400S and RICOH Pro C5410S with the E-28B and E-48B DFEs**

The RICOH Auto Color Adjuster now supports the automatic import of ICC profiles generated with the Quick Color Adjustment function into the RICOH Pro C5400S and RICOH Pro C5410S with the E-28B and E-48B DFEs.

- **Added support for Fiery Command WorkStation version 7.1.0.xxx**

Support for Fiery Command WorkStation version 7.1.0.xxx (specifically 7.1.0.491 or later) was added, while support for version 6.8.0.xxx (specifically 6.8.0.514 or later) continues to be maintained. For the versions supported by each Fiery DFE, see *RICOH Auto Color Adjuster: Installation Guide*, the “Supported Printers” section.

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  - **Added a What's New page containing the new functions and updates in version 1.6.0.0**  
The What's New page can be accessed from the Help menu of the web application. It is also automatically displayed once the installation process is complete.
  - **Added support for creating multiple color charts using the same printer and paper in the web application**
  - **Improved the Color Charts page in the web application**  
Some information on the Color Charts page is no longer displayed in separate table columns and is now displayed within the rows. To view it, expand the color chart row.  
For details, see *RICOH Auto Color Adjuster: User Guide*, the “Color Charts Page” section.
  - **Added the Color Space to the file exported from the Management Console page**  
The CSV file exported from the Management Console page now includes the color space used for each measurement.
  - **Added support for a new ICC profile setting, the GCR Setting**  
Users can select the appropriate GCR (Gray Component Replacement) setting when adding or editing a color chart in the web application. The GCR setting specifies how portions of CMY in any image areas are replaced with black colors.  
For details, see *RICOH Auto Color Adjuster: User Guide*, the “ICC Profile Settings” section.
  - **Added chart log data management options in the desktop application**  
Users can now control chart log data handling from the Settings dialog of the desktop application. New options include enabling or disabling chart log data saving, filtering logs by date range, and splitting output log files based on a selected file size.  
For details, see *RICOH Auto Color Adjuster: User Guide*, the “Collecting Logs Using the Settings Dialog” section.
  - **Updated the default value of the Cleanup Time on the Scan History page to 12 p.m.**
  - **Added the  $\Delta E$  Map Details button to the Color Sample Matching function**  
The new  **$\Delta E$  Map Details** button allows the user to visually inspect the details of the color deviation map to see how the adjustment of the color matching settings affects the color matching result.  
For details, see *RICOH Auto Color Adjuster: User Guide*, the “Analyzing the Color Deviation Details” section.
  - **Added an ICC Profile Folder section to the desktop application settings**  
If the automatic import of the ICC profile into the DFE fails, the ICC profile is now saved to the destination folder specified in the **ICC Profile Folder** section of the desktop application settings. This allows users to manually import the ICC profile into the DFE.  
For details, see *RICOH Auto Color Adjuster: Installation Guide*, the “ICC Profile Folder” section, and *RICOH Auto Color Adjuster: User Guide*, the “Importing the ICC Profile Manually” section.
  - **Windows 11 Pro is now the required operating system for running the RICOH Auto Color Adjuster**
  - **Improved the upgrade process**

Users no longer need to apply the license after upgrading from earlier versions, except for version 1.3.1.0.

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

- **Security vulnerabilities addressed**

Ricoh is committed to responding to results of vulnerability scans and will continue to include those fixes in each release that we deliver. In this release, various components were updated to address these vulnerabilities, including:

- Apache Tomcat
- SpringFramework Boot
- Various areas of the RICOH Auto Color Adjuster application

- **Revised publications**

- Dutch:
  - ◆ *RICOH Auto Color Adjuster: Installation Guide*, M5827025
  - ◆ *RICOH Auto Color Adjuster: User Guide*, M5827030
  - ◆ *RICOH Auto Color Adjuster: Quick Guide*, M5827042
- English:
  - ◆ *RICOH Auto Color Adjuster: Installation Guide*, M5827007
  - ◆ *RICOH Auto Color Adjuster: User Guide*, M5827009
  - ◆ *RICOH Auto Color Adjuster: Quick Guide*, M5827012
- French:
  - ◆ *RICOH Auto Color Adjuster: Installation Guide*, M5827022
  - ◆ *RICOH Auto Color Adjuster: User Guide*, M5827027
  - ◆ *RICOH Auto Color Adjuster: Quick Guide*, M5827039
- German:
  - ◆ *RICOH Auto Color Adjuster: Installation Guide*, M5827021
  - ◆ *RICOH Auto Color Adjuster: User Guide*, M5827026
  - ◆ *RICOH Auto Color Adjuster: Quick Guide*, M5827038
- Italian:
  - ◆ *RICOH Auto Color Adjuster: Installation Guide*, M5827023
  - ◆ *RICOH Auto Color Adjuster: User Guide*, M5827028
  - ◆ *RICOH Auto Color Adjuster: Quick Guide*, M5827040
- Japanese:
  - ◆ *RICOH Auto Color Adjuster: Installation Guide*, M5827001
  - ◆ *RICOH Auto Color Adjuster: User Guide*, M5827002
  - ◆ *RICOH Auto Color Adjuster: Quick Guide*, M5827011

- Korean:
  - ◆ *RICOH Auto Color Adjuster: Installation Guide, M5827043*
  - ◆ *RICOH Auto Color Adjuster: User Guide, M5827044*
  - ◆ *RICOH Auto Color Adjuster: Quick Guide, M5827045*
- Spanish:
  - ◆ *RICOH Auto Color Adjuster: Installation Guide, M5827024*
  - ◆ *RICOH Auto Color Adjuster: User Guide, M5827029*
  - ◆ *RICOH Auto Color Adjuster: Quick Guide, M5827041*

## 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.

### Data format in Color Sample Matching

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

### Log files can use up disk space

If your disk is full, you can delete log files to free up space.

- To trigger the automatic removal of Quick Color Adjustment scan files, customize the settings on the Scan History page in the web application, then select the **Clean Up**  button.
- To remove the traces after collecting log files with CLI LogCollector, use the `--move` parameter. Then, manually remove the PACK file from the disk or move it to a different drive or storage device.
- As an alternative to the actions above, you can manually delete log files from the following folders:
  - Log files saved during color verification: `C:\RicoHAutoColorAdjuster\ChartLog\calib`
  - Log files and data saved during scanning: `C:\RicoHAutoColorAdjuster\ChartLog\data`
  - Images saved while executing Color Sample Matching: `C:\RicoHAutoColorAdjuster\hotfolder_ColorMatch`
  - Stored color adjustment data: `C:\RicoHAutoColorAdjuster\dat_SAVE`
  - Stored color verification data: `C:\RicoHAutoColorAdjuster\it8_SAVE`

For more information, see *RICOH Auto Color Adjuster: User Guide*.

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.

## Cancel action during setup operations might have unexpected results

When performing setup operations such as installation, upgrade, or uninstallation, the Cancel action might not consistently interrupt the process. In certain cases, the operation might fail, which can result in the application not functioning as expected afterward.

## Security Fixes Included in Release 1.6.0.0

Release 1.6.0.0 includes fixes for security vulnerabilities, including:

- [CVE-2025-53057](#)
- [CVE-2025-53066](#)
- [CVE-2025-61748](#)
- [CVE-2025-21925](#)
- [CVE-2025-21932](#)
- [CVE-2025-21933](#)
- [CVE-2025-21945](#)
- [CVE-2026-24733](#)
- [CVE-2025-66614](#)
- [CVE-2026-24734](#)

## Code Change Requests Included in Release 1.6.0.0

RL3-57	RACA licensing fails when multiple subscription licenses are received from RCP
RL3-60	Using RPA to select the 10 <sup>th</sup> server in CWS results in failure configuration file properly

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- Microsoft Windows 11 Enterprise
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