

Kofax Unified Client for Konica Minolta

Release Notes

Version: 1.0.0

Date: 2021-04-20

The logo for KOFAX, consisting of the word "KOFAX" in a bold, blue, sans-serif font.

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Chapter 1

About this release

Unified Client for Konica Minolta is a new Unified Client for ControlSuite. The Unified Client for Konica Minolta adds print and capture capabilities to Konica Minolta devices through AutoStore, Equitrac, and Output Manager while still using device-specific features.

What's new

Unified Client for Konica Minolta is a new Unified Client that provides ControlSuite authentication, document and data capture capability and print release directly on the panel of supported Konica Minolta devices. This product provides an enterprise print and data capture solution to orchestrate the secure release of print jobs and delivery of paper, electronic documents and data into business applications directly on the panel of supported Konica Minolta devices.

The Unified Client for Konica Minolta is supported by the following:

- ControlSuite version 1.2 with associated fix pack (or later).
- Device Registration Service (DRS) version 8.2 (or later).
- Device Web Server (DWS) version 10.2 with associated fix pack (or later).

You can also use it with these individual server components:

- AutoStore version 8.2 with associated fix pack (or later).
- Equitrac version 6.2 with associated fix pack (or later).
- Output Manager version 5.2 with associated fix pack (or later).

Additional features of Unified Client for Konica Minolta include the following.

General features

Seamless integration between Kofax print and capture solutions as part of ControlSuite

The Unified Client for Konica Minolta enables users to seamlessly and simply login and access print and capture workflows provided by ControlSuite within one single embedded application on the device. Print transactions are recorded through the print component, and scan transactions are carried out through the capture component on the device. These transactions are recorded within the reporting database, depending on configuration. This extends to native device copy and scan transactions, if supported by the device.

This integration provides a single print and capture workflow user experience that increases productivity and reduces the time to access document workflows in a single user session at the device. The ability to track print and scan activity in a single session reduces production costs and provides a concise

performance view of the business process which allows administrators to make adjustments where necessary.

Built for Konica Minolta iOption/Open API enabled devices

The Unified Client for Konica Minolta is built with Konica Minolta Open API version 5.2 platform that ensures that latest device features and functions can be supported with this client. This feature provides a better user experience with secure print release directly on the panel of supported Konica Minolta devices.

Localized client

The Unified Client for Konica Minolta supports a number of languages.

- Catalan
- Chinese (Simplified)
- Chinese (Traditional)
- Czech
- Danish
- Dutch
- English
- Finnish
- French
- German
- Hungarian
- Italian
- Japanese
- Korean
- Norwegian
- Polish
- Portuguese
- Russian
- Spanish
- Swedish
- Thai
- Turkish

User experience features

Welcome screen

When using the ControlSuite authentication module, the Unified Client for Konica Minolta can display a Welcome Screen that provides a quick and easy logon experience using a card swipe. If user authentication is required with a user name and password or PIN1/PIN2, the user can access a Logon screen. The Welcome screen also has navigation shortcuts to pre-set workflows that can be accessed after logon.

Logon screen

When using the ControlSuite authentication module, the Unified Client for Konica Minolta can be configured to display a Logon screen that provides a quick and easy logon experience by entering a

user name and password or PIN1/PIN2 or by swiping an ID card. The Logon screen also has navigation shortcuts to pre-set workflows that can be accessed after logon.

Card Registration screen

When using the Unified Client for Konica Minolta with the ControlSuite authentication module, the Unified Client for Konica Minolta can display a Card Registration screen that enables the user to register their ID card against their user account in ControlSuite. After this card is registered, this card can be used to enable the user to logon.

Billing Code Selection screen

When using the Unified Client for Konica Minolta with the ControlSuite authentication module, the Unified Client for Konica Minolta can display a Billing Code selection screen immediately after logon and/or print job submission where the user is able to search for a billing code for tracking purposes. The user can also indicate whether jobs carried out within this session are billable or non-billable.

Launcher screen

The Unified Client for Konica Minolta displays a Launcher screen where the user can access their pre-determined print and capture workflows. The Launcher screen can display multiple workflows on the initial screen. If additional workflows are configured, multiple screens are used, and an indicator to inform the user to navigate for additional workflows is shown.

Print Release screen

With ControlSuite print configured with Equitrac or Output Manager, the Unified Client for Konica Minolta provides a fully refreshed secure print release screen with a minimalist approach with only major user interactions buttons present to keep screen concise and relevant to user interaction.

Print Job Details screen

With ControlSuite print configured with Equitrac or Output Manager, the Unified Client for Konica Minolta allows the user to select a Print Job Details screen that shows detailed information for selected print jobs. The user can navigate the arrow buttons at the bottom of the screen to see additional details for multiple print jobs that have been selected. This screen can be opened by selecting **Job Details** from the menu at the top right of the screen.

Print Preferences screen

With ControlSuite print configured with Output Manager, the Unified Client for Konica Minolta enables the user to change print preferences that have been configured on the Output Manager server before releasing their print job. This screen can be opened by selecting the **Change** button at the bottom right of the screen.

Release Key screen

With ControlSuite print configured with Equitrac, the Unified Client for Konica Minolta allows the user to simply release all pending print jobs when the user selects the Release All prompt.

Capture screen

With ControlSuite capture configured, the Unified Client for Konica Minolta displays a workflow screen for capture workflows. The screen will display prompts to allow the user to complete a basic form while allowing the user to start the capture workflow and change scan settings.

Identification screen

When using the ControlSuite capture module only, if the capture form requires user identification, then the Unified Client for Konica Minolta can be configured to display an identification screen before the user can access the form. Support for identification using a custom script is also provided.

Inline error and status alerts through the Notification bar

The Unified Client for Konica Minolta will display inline error and status alerts that will display immediate alerts to the user through the Notification bar within the Kofax-owned user interface. These alerts will provide clear concise information in an attempt to resolve user issues immediately. Displayed alerts automatically fade from view but can be viewed again by pressing the notification bar icon. Alerts can be deleted, and all alerts are purged from the display after session logout. There is also a clear all button for removing all notifications.

Status screen

The Unified Client for Konica Minolta can display the current connection status to the connected ControlSuite servers and Device Web Server (DWS). This includes the server hostname and one of three states: Online, Offline or Connecting. This screen can be opened by selecting **Server Status** from the menu at the top right of the screen.

About screen

The Unified Client for Konica Minolta can display an About screen that will relay information regarding the application such as name of application and version number.

Welcome screen customization

The Unified Client for Konica Minolta Welcome screen can be customized with the text, image and logo can be changed to suit the customer or reseller's requirements.

User authentication and usage tracking features

User name and password

The Unified Client for Konica Minolta can accept input of a user name and password to start a secure user session within the client, these user credentials match to the user's network logon that is integrated into directory services. The security of the password is maintained via character masking.

PIN1 and PIN2

When using the ControlSuite authentication module, the Unified Client for Konica Minolta accepts input of all supported types of PINs. A PIN uniquely identifies the logged-on user who is accessing the device through the client. The security of PIN2 is maintained via character masking.

Card swipe

When using the ControlSuite authentication module, the Unified Client for Konica Minolta accepts card swipe input to identify the user against their server-side credentials. A card swipe action can be combined with entry or additional data via PIN2 for added security if required.

Card self-registration

When using the ControlSuite authentication module, the Unified Client for Konica Minolta will allow an unregistered card to be swiped and the user is then prompted to manually login using their network credentials to register their card's PIN number.

Mobile authentication through Kofax Business Connect

When using the ControlSuite authentication module, the Unified Client for Konica Minolta can accept user authentication via the use of mobile devices with the Kofax Business Connect application.

Note This functionality is only provided when a Kofax micro card reader is used.

Enable anonymous user to bypass logon prompts

When using the ControlSuite authentication module, the Unified Client for Konica Minolta can be configured to allow for guest users to bypass the standard logon prompts and have their subsequent print, copy and scan usage charged to a pre-determined account within ControlSuite.

Campus card authentication

When using the ControlSuite authentication module and Equitrac, the Unified Client for Konica Minolta can be configured to allow for users to select accounts from a campus card system for chargeback purposes.

Transaction reporting

When using the ControlSuite reporting module, the Unified Client for Konica Minolta can record print, copy and scan activity at the device dependent on configuration. This activity can be recorded against the user, the department that the user resides in or a billing code that the user has chosen for this transaction that is dependent on configuration. The recorded transactional data is sent to the centralized database for reporting purposes.

Account limits for print and copy

When using the ControlSuite authentication module, the Unified Client for Konica Minolta can enable ControlSuite account limits and usage enforcement on copy and print jobs. Escrow is also supported, where the print or copy job is priced from the job data beforehand and funds from the user's account are set in escrow until the job is completed. Once the job is complete, the funds are released from escrow and the appropriate value is debited from the users account. If there are insufficient funds, the print job is denied and the funds are not escrowed.

Billing Codes

When using the ControlSuite authentication module, the Unified Client for Konica Minolta can be configured to pop-up a billing code screen for print and copy transactions. This billing code is applied to the transaction for billing purposes.

Common Access Card (CAC) support

For US Government accounts, the Unified Client for Konica Minolta can use CAC for authentication so that user IDs from CAC can be used within ControlSuite. In this instance the ControlSuite authentication module would not be used.

Note Tracking data is not collected when CAC authentication is used.

Card reader features

Kofax card readers

When using the ControlSuite authentication module, the Unified Client for Konica Minolta supports Kofax USB card readers when configured in keyboard emulation (wedge) mode.

Note The device will require the keyboard wedge loadable driver to be installed on the device.

Third-party card readers

When using the ControlSuite authentication module, the Unified Client for Konica Minolta allows for the usage of additional third-party card readers in keyboard emulation (wedge) or CCID mode. When Equitrac is used an associated third-party card reader license will be required.

A list of third-party card readers that have had basic testing are as follows:

- CCID card readers
 - HID Omnikey 5427 CK (AU-205H)
 - Ysoft KM USB Reader 3 MFX
- Keyboard emulation (wedge) mode card readers
 - Elatec TWN3
 - Elatec TWN4
 - HID Omnikey 5427 G2 (AU-205H)
 - RFIDeas pcProx RDR-7L81AKU
 - RFIDeas pcProx RDR-80581AKU
 - RFIDeas pcProx RDR-80081AKU
 - RFIDeas pcProx RDR-805H1AKU
 - Ysoft 3 MF+ Card Reader
 - Unitech MS146 Barcode Reader

Note When using third-party card readers, the device requires the keyboard wedge loadable driver to be installed on the device.

Print workflow features

Print release

With ControlSuite print configured with Equitrac or Output Manager, the Unified Client for Konica Minolta can display a print release screen that the logged-on user can use to release their pending print jobs. When Equitrac is used the print release screen contains additional print workflow settings for the user that allows print jobs to be printed and saved, increase the print volume of the job, force a color job to black and white, view the print job summary, select or deselect all jobs, refresh the pending print jobs and delete print jobs.

Note The Print screen differs in functionality dependent on whether Equitrac or Output Manager is used.

Release All

With ControlSuite print configured with Equitrac, the Unified Client for Konica Minolta allows the user to simply release all pending print jobs when the user selects the Release All prompt. This workflow can also be set to occur after authentication where print jobs are released immediately with no further user interaction.

Output Manager sourced jobs released via release queue

With ControlSuite print configured with Equitrac and Output Manager and when Equitrac is used with the Unified Client for Konica Minolta, the client can allow print jobs that originated from Output Manager print queues to be released.

Output Manager Print Preferences

With ControlSuite print configured with Output Manager, the Unified Client for Konica Minolta allows the user to change print preferences that have been configured on the Output Manager server before releasing their print job.

Document and data capture features

Unified capture component

The Unified Client for Konica Minolta uses the Unified Capture component in ControlSuite capture that allows capture workflows to be deployed and used across multiple supported device vendors.

Usage of native device Scan Settings

With ControlSuite capture, the Unified Client for Konica Minolta uses the native device scan settings that are exposed via the device SDK for capture jobs.

Forms capture

With ControlSuite capture, the Unified Client for Konica Minolta supports the use of basic forms that provide a selection of advanced capture workflows delivered by ControlSuite capture, this includes the ability to scan to email, scan to folder, scan to workflows as well as scripting support and OCR functionality.

Scripting

With ControlSuite capture, the Unified Client for Konica Minolta allows dynamic scripting that provides flexibility in creating forms especially when it comes to integrating with other systems that do not necessarily have a built-in integration.

Field types

With ControlSuite capture, the Unified Client for Konica Minolta supports the use of ControlSuite capture field types. These field types can be any of the following: List, Lookup List, Text, Date, Numeric, Checkbox, Tree, Label or Button.

Send to email form

With ControlSuite capture, the Unified Client for Konica Minolta allows documents to be routed to email addresses that are configured on the server. The scan job can be sent to and copied (cc and bcc) to email address. Field or Component RRTs can also be used within this workflow.

Send to folder form

With ControlSuite capture, the Unified Client for Konica Minolta allows documents to be routed to folders that show multiple fields that are configured on the server. The user is able to browse a folder directory and set a default document name, while also browsing for a folder path via a local tree structure or UNC structure and can rename the Schema. Field, Component or Password RRTs can also be used within this workflow.

Send to SharePoint form

With ControlSuite capture, the Unified Client for Konica Minolta allows documents to be routed to SharePoint servers that show multiple fields that are configured on the server. The user is able to change and search a site while changing a document library, set a document name and change content type. Field, Component or Password RRTs can also be used within this workflow.

Route to Microsoft OneDrive

With ControlSuite capture, the Unified Client for Konica Minolta can be configured via a Scan To Folder form. This form allows documents to be routed to OneDrive Business or Personal accounts with folder creation. In those folders, users can share files publicly or with an email address, and use versioning when replacing existing files.

Device features

Device timeout

The logged-on user is automatically logged out of the active session when the device timeout occurs.

Device soft keyboard

The Unified Client for Konica Minolta uses the device's soft keyboard for user data entry.

Device home button

When the Unified Client for Konica Minolta is configured as the authentication agent, when the user selects home on the device the user is taken back to the specified home screen on the device.

Rename embedded app on device home screen

The system admin can rename the application on the device home screen. This renaming process will override any dynamic localization on the client through device language localization.

Installation and management features

Device Registration Service (DRS)

The configuration of the Unified Client for Konica Minolta will be handled via the Device Registration Service (DRS). This is a shared service that handles device configuration for both ControlSuite print and capture components and individual products. The version of DRS that supports the Unified Client for Konica Minolta is DRS version 8.2 (or later).

Device Web Server (DWS)

The Kofax Device Web Server (DWS) is used to provide the client interface to the Konica Minolta device. Dependent on server specification a single DWS instance can support up to 400 devices with Equitrac. The version of DWS that supports the Unified Client for Konica Minolta is DWS version 10.2 (or later).

TLS Secure Communication

The Unified Client for Konica Minolta uses TLS 1.2 to secure the connection to the Kofax application servers.

DWS Failover Capability

The Unified Client for Konica Minolta on the device enables failover capability for connection to the server-based DWS service that will allow the device to switch to another online configured DWS service in the event of the original DWS going into an offline state. Any in-flight scan or print jobs or inputted meta-data when a failover occurs may not be preserved.

Note For High Availability and Failover usage on the device, see the Kofax ControlSuite licensing policy.

DCE Failover Capability

The Unified Client for Konica Minolta on the device when configured with Equitrac enables the DWS service to switch over to another Equitrac DCE service in the event of the original DCE going into an offline state. This enables devices connected to DWS to remain live and facilitate logons, copy access and print release should a network outage occur that results in one of the multiple DCE services being unreachable.

Note For High Availability and Failover usage on the device, see the Kofax ControlSuite licensing policy.

High Availability via Load Balancers

The connected ControlSuite servers and services that the Unified Client uses can be configured to use external load balancers for maximum uptime.

Note For High Availability and Failover usage on the device, see the Kofax ControlSuite licensing policy.

FIPS 140-2 Compatible

The Unified Client for Konica Minolta supports the FIPS Advanced Encryption Standard encryption that is used on the AutoStore server.

Embedded installation and configuration documentation and release notes

The Unified Client for Konica Minolta and associated services such as DRS and DWS are provided with a supporting set of product documentation that comprises of online Install Guides and Release Notes.

Supported devices

The Unified Client for Konica Minolta supports Konica Minolta IT5 and IT6 bizhub MFP and SFP devices and corresponding Develop and Olivetti devices that use iOption/Open API. For an updated list of supported models, see [MFD and Productivity Supported Devices](#).

Chapter 2

Known issues

Changes in self-signed certificates not updated with Equitrac applications

1602424: If you change the Trust Self-signed Certificate for DCE Server setting in DRS and then uninstall or reinstall Unified Client for Konica Minolta on a device with an application associated with Equitrac, the change is not reflected in the configuration. For example, if you use a self-signed certificate and set Trust Self-signed Certificate for DCE Server to False, Equitrac can still connect with the device.

Workaround: You can have the following options:

- Restart the ControlSuite DCE Service.
- Restart DWS to apply the change.
- Delete the device associated with the Equitrac application, recreate the device, and then install Unified Client for Konica Minolta on it.

User is not logged off when the device times out

1597747: When the device times out, the active user should be logged off. On certain models, the user is not logged off at device timeout and remains active.

Workaround: Configure the session to be terminated after the DWS session timeout expires. To do this in Equitrac, select **Global Configurations Settings > Konica Minolta Client > Settings > End session after**.

DWS performs operations on the first certificate with the same thumbprint

1589600: When the same certificate is used for multiple applications on the same server, performing an operation (such as re-pin or delete) on one of the certificates may result in the first certificate being affected instead. This happens because certificate operations are performed on the first instance of certificates listed with the same thumbprint.

Workaround: Delete all certificates that have the same thumbprint. They will be re-pinned with the next connection.

Cannot perform an action in DRS when you select a device outside of a selected group

1587091: In DRS, if you had selected a group for performing an action (such as **Install and Configure**) and then select a device outside of that group, you will get the following error:

```
An unexpected exception has occurred and has been logged. Please try again later,
and if the problem persists, please contact system support. - Unable to queue action
<action_number> for <group_name>
```

Workaround: Unselect the device that is outside of the group and then perform the action. Perform the action for the other device as part of a separate operation.

Custom assets not preserved when updating DWS

1586638: If you upgrade DWS, custom assets you deployed are lost. They do not appear on the devices you assigned them to.

Workaround: After upgrading DWS, deploy custom assets again by running the Update Configuration action.

OpenAPI user name and password cannot be configured

1584982: Unified Client for Konica Minolta does not have options in DRS to set the OpenAPI user name and password, so they are left at their default settings as blank. Therefore, make sure the OpenAPI user name and password on the device are also blank to enable a successful connection.

Copy jobs can still be run with billing codes with a zero or negative balance

1582827: If you assign a copy job to a billing code with a zero or negative balance, it can still be run and completed successfully.

Scans from A4 compact devices are sideways

1570560: On A4 compact devices, documents can only be placed in the ADF short-side-first. The default on these devices should be portrait orientation (short side on top), but on A4 IT5 and A4 IT6 devices, portrait documents scanned by AutoStore end up sideways. On older A4 devices (bizhub 4750), PDF documents are delivered sideways to the application, but .tiff and .jpg documents are oriented correctly.

Poor print quality at 1200 dpi

1570006: When the print resolution is set to 1200 dpi, the print quality is poor. The problem does not occur in Equitrac or with print drivers other than the Kofax Universal Print Driver because other printer drivers do not offer a choice of DPI.

This issue did not occur on the following MFPs:

- bizhub 287
- bizhub C287
- bizhub 4750
- bizhub C3850FS

Workaround: To ensure the best print quality, use the vendor-specific print driver where possible.

Charges for finishing, scans, and faxes are not applied

1570004: In Equitrac, a price can be specified for scans, faxes and various finishing options, but these charges are not applied to the job.

Settings are listed that are unsupported by the device but can be set

1570002: Equitrac and Output Manager display settings for features that are not supported by certain devices, such as staples and monochrome. These options can be selected, but they have no effect because they are not available with that device. See the device documentation for a list of supported features.

Per-job price is applied to each page of a multi-page job

1570001: In Equitrac, if an advanced price list with a per-job and per-page price is applied to the device, every page of a multi-page job is charged the per-job price. As a result, the user may not be able to complete a job even when they have sufficient funds in their account, especially when the job has many pages.

Equitrac Universal Print Driver monochrome setting does not work

1569998: If you use the Equitrac Universal Print Driver for printing, note the monochrome setting and various finishing options may not be applied to print jobs. This issue affects all Konica Minolta MFPs.

Black-and-white devices cannot release jobs because of an insufficient color quota

1565668: If you use a black-and-white device to print color jobs when there is an insufficient color quota, a message appears and the job is not released. If there is a sufficient color quota, jobs are released but no color quota is deducted.

After the color quota expires during a session, cannot copy any black-and-white job

1563087: When a color quota is set, black-and-white jobs are also affected by it. When a color quota expires during a session, black-and-white jobs cannot be copied.

Unexpected behavior in Write In billing account fields

1552818: If you set up a billing account field as Write In, the field unexpectedly has a drop-down menu. If there are additional billing account fields, the Write In field does not allow the addition of new billing codes.

Secondary billing list does not appear after logging on

1530557: If you create a secondary billing list in Output Manager, when log on to Unified Client for Konica Minolta with Output Manager, the secondary billing list does not appear. The Unified Client for Konica Minolta only supports one billing code at logon.

Black-and-white copy jobs billed as color with auto detection

1528110: If auto color detection is used, monochrome pages might be reported as color. This can have an impact on job pricing.

Workaround: If the color reporting is incorrect, turn off auto detection and scan black-and-white and color copy jobs separately.