

Kofax Copitrak Edge

Configuration Guide

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

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Overview

Kofax Edge™ is an external hardware terminal that uses Windows 10 as its operating system to deliver performance comparable to modern desktop PCs. This performance enhances the speed, functionality, and quality of scan delivery with its unified user interface across various makes and models of multi-function printers (MFPs). Edge requires the Copitrak Edge software, sold separately, in order to perform copy and scan capture, as well as print release functionality.

This document provides the instructions to install and configure the Edge terminal for basic processing of transactions through the Copitrak System Software (CSS). The guide outlines the server-side options necessary to track copy, print, and scan operations.



Note: Information about configuring the Edge terminal on tablets is not covered in this guide.

Software features

The Copitrak Edge software offers robust options for document workflows, including:

- Secure Document Release (SDR)
- Enhanced scan workflows
- Device access control
- Enhanced security and encrypted protocols through Windows 10 security infrastructure
- Pull scanning
- Intuitive workflows
- Unified single user interface across multiple makes and models of MFPs
- Data policy compliance and network security for IT departments
- Watch folders supported locally or on a network
- TWAIN scanning available for different makes and models of MFPs. Kofax Support maintains a list of currently supported drivers.

Upgrade Copitrak Edge software

If the Edge terminal is being used when you start upgrading, any users currently signed in to the device will be automatically signed out. It is best to perform this operation when you know that device use is minimal.

1. Ensure that Internet Information Services (IIS) is correctly set up and running. For instructions, consult your Windows 10 documentation or refer to the instructions on the Microsoft web site.
2. Go to the Partner Portal at <http://partners.equitrac.com> and download the upgrade package.
3. Extract the files included in the package zip file into the Edge installation folder of the server associated with the Edge device.
4. The terminal detects an upload package by communicating with the CSS Server, and implements the upgrade automatically.

Additional documentation

The full documentation set for Kofax Copitrak Edge is available at the following location.

https://docshield.kofax.com/Portal/Products/en_US/CopitrakEdge/2.5.0-9m4chx7zsm/CopitrakEdge.htm

- *Kofax Edge Assembly and Installation Guide*
- *Kofax Copitrak Edge Updater Guide*
- *Kofax Copitrak Edge Kiosk Configuration Mode Guide*
- *Kofax Copitrak Edge Troubleshooting Guide*
- *Kofax Copitrak Edge Release Notes*

The following related document is available at the following location.

<http://partners.equitrac.com/>

- *Kofax Reader Maintainer User Guide*

Supported TWAIN drivers for pull scanning

As the list of supported TWAIN drivers is continually changing, contact your vendor for additional details.

Configuration

This section covers the basic configuration of a Kofax Copitrak Edge device for copy tracking using the default terminal group “REGULAR” and default user group “REGULAR”.

This setup prepares a terminal to communicate with the CSS server.

Prerequisites

You must have administrative access (including valid Windows network credentials with assigned administrative rights) to the MFP, the Edge terminal, and to the network computer hosting the CSS components to install and configure Copitrak Edge. Administrative access to the MFP is required to ensure the copy control interface is correctly secured. Consult your copier technician for information if you are unsure how to do this.



Note: Because both the server and the Edge device run their own independent installations of the Windows operating system, there are two administrator logins to consider:

1. The administrator credentials for the server which hosts the CSS
2. The administrator credentials for the Edge device.

Please ensure you are using the correct administrator credentials for the environment you are configuring.

Before you begin the installation:

- Unpack and assemble the Edge device. For instructions, please see the *Kofax Edge Assembly and Installation Guide*.
- Ensure you have a server with CSS installed which meets the minimum requirements for the Copitrak Edge in operation and on the network you are using.
- Ensure you download and install the most recent Copitrak Edge software files from the Partner Portal. See [Upgrade Copitrak Edge software](#) on page 4.
- Ensure that the TCP/IP configuration for the Edge device is appropriate for your environment. By default, Edge is configured by DHCP, however you may configure static addresses as well.



CAUTION: SMB sharing must be enabled on the CSS server to allow communication.

- Ensure you know the IP addresses of all relevant CSS servers in your environment, and that these servers are able to communicate over the network with Edge. Edge communicates with the CSS server using **TCP Port 4140**.
- Ensure you have the foreign device interface cable that is appropriate for your device from Kofax. This cable is the main interface between the Edge device and the MFP. It must be present to allow Edge to disable or enable the MFP for photocopying, and to collect the page count and distinguish the paper types (small/large format) accordingly. Please consult your sales representative and/or copier vendor for information about acquiring and configuring the cable for the device.
- Define terminal and user groups based on customer’s business requirements, terminal types (cost recovery functions), language requirements, and sites. See [Operation overview](#) on page 8.



Note: This requirement assumes that the default “REGULAR” group types have been created during deployment.

Minimum requirements

The following list contains the minimum requirements to run Copitrak Edge on an Edge terminal:

- Microsoft Windows 10 IoT Enterprise Edition, LTSC
- The Edge hardware requirements as outlined in the *Kofax Edge Assembly and Installation Guide*
- Copitrak Server CSS 700 R2 SP2

Change administrator password



Warning: When shipped, all Edge terminals use the same default, publicly-known Windows administrator password. It is critical for security reasons to change the password to something unique for your enterprise and device. Follow security best practices when setting up a master password.

1. Log in to the Edge terminal using credentials `User` and password `09182736`.
2. Press **Windows key + x** to display the list of windows options, and select **Computer Management**.
3. In the left pane, expand **Local User and Groups** and select the **User** folder.
4. Right-click on the user named **User** and select **Set Password**.
5. In the **Set Password for User** dialog box, click **Proceed**. A new dialog box opens to allow you to change the password.
6. Type a new password, then type it again in the **Confirm Password** field. Click **OK**. Be sure to note the password for future reference.
7. Click **OK**, then close **Computer Management**.

Change IP settings

To access a Copitrak Edge terminal's configuration screens:

1. On the **Enter UserID** screen, select the Edge user and click **Sign in**.



Note: If you have not yet changed the administrator credentials from the default shipped login, do so now. See [Change administrator password](#) on page 7.

2. Enter `09182736` in the **Enter User ID** field, then press **CTRL+R** on the keyboard.



Note: This screen can also be accessed by using the keypad on the Edge device to key in **Clr > Clr > Space > Clr**, and then selecting **Basic Configuration** from the dialog that displays.

Once you are logged in to the configuration screen, you can enter the following configurations:

- Terminal IP address (if the terminal is not using DHCP, enter the IP address, subnet mask, gateway IP address)
- CSS server IP address (Main Host IP)



CAUTION: Server-side IP addresses use a three-digit IP convention, that is, `xxx.xxx.xxx.xxx`. A leading zero must be added to any IP value less than 100. For example, `010.000.000.001`. This does not apply for IP addresses assigned to the Edge terminal itself.

3. The Edge terminal must be configured with some basic information including the Main Host IP address in order to allow connections between the device and the host.



Note: It is at the discretion of your enterprise to manage Edge connections to join the company domain, group policy, and Windows updates. Please ensure that whatever your setup, it does not inhibit the terminal from accessing the sharing resources (UNC path sharing, TCP/UDP ports, and so forth) in order to have Scan, Print and Copy workflows function properly.

4. In the **Enter Terminal ID** field, provide the ID for the terminal. This ID must be unique, and not exceed 8 alphanumeric characters.
5. Press **Enter**, either using the hard keypad or the on-screen button. The DHCP screen opens.
6. In the **Turn on DHCP?** field, enter **Y**.



Note: If you are using a static IP address for your installation, enter **N** into this field, and then enter the IP address for your installation into the **Enter Unit Fixed IP** field.

If the MAC address of a device is required, and you cannot reboot the device, it is printed on a silver label on the processor component of the Edge device. MAC addresses are unrelated to device serial numbers. They are associated with the vendor of the Edge motherboard.

7. Press **Enter**, either using the hard keypad or the on screen button. The **Main Host IP** screen opens.
8. In the **Enter Main Host IP** field, enter the IP address of the CSS server, or server hostname if configured in DNS.
9. Press **Enter**, either using the hard keypad or the on-screen button. The server is now set.

Configure Copitrak Edge settings

The Configuration Manager is the primary configuration application, and is used to configure most of the system. The application is accessed on the CSS server. For the purposes of setting up Edge, only the **Terminal/User Options** settings within Configuration Manager are necessary. All other settings options are outside of the scope of this document.

For more information, contact Kofax support.

Access Configuration File Manager

To access the Configuration File Manager, log in with server administrator credentials to the server where CSS is installed. Do the following:

1. Access the Copitrak folder on the desktop of the server.
2. From within the Copitrak folder, double-click **Config File Manager** to launch the application.
3. Enter **ERS** into the login field, then click **Login >>**.
4. From the list of available options, click **Terminal/User Options**. The **Configuration File Manager** opens.

Operation overview

Kofax Edge uses three types of **Groups**:

1. Terminal Groups
2. User Groups
3. Language Groups

A combination of the settings outlined in these three groups define a user's experience and access to workflows. For example, a user ID can be configured in the following way:

A terminal group in a given head office is configured with four workflows. A user group can then restrict access to only one of the four configured workflows. The language displayed on the GUI is based on which language group this user belongs to. In this scenario, when the user logs in the combination of these three groups delivers the correct experience for this particular user.

These groups are configured by modifying their key settings using the **Config File Manager** application. Terminal and user groups define the overall operation of the terminal, what the user sees, and is required to input. Language groups offer the ability to designate specific languages based on particular criteria. New groups can be created to present different prompts to the users and present different screens for various cost recovery functions such as copy and scan.

The Terminal and User groups must have a default group to capture any user or terminal that does not fall into one of the defined groups.



Note: Group assignments work in a cascade fashion. The settings defined in the group assigned to a particular device take precedent when defining how the device behaves. If a required key setting is not defined in the assigned group, the default group acts as a catch-all, allowing all circumstances to be covered. If you are satisfied with default settings for your particular use case, you do not need to define those settings in the custom group(s) you define. These default groups (identified by the "REGULAR" suffix in the case of terminal and user groups) are set up at installation.

Configuration File Manager

The Configuration File Manager is divided into two primary areas:

- Left pane, which lists all existing Language, Terminal, and User Groups, and allows you to select each group's key settings.
- Right pane, which allows to you modify a selected key setting.

Typically, when changing any key setting, you locate the key within the appropriate group on the left pane. Once selected, the key's information auto-populates to on the right pane, where the settings can be updated.

For example, if you want to limit the timeout value of a copy session for a particular terminal group:

1. Select the Terminal Group you want to work with, and expand it by clicking **+** to disclose the key settings for the group.
2. Locate the key setting you want to change. Depending upon the number of keys in the group, you may need to scroll the list.
3. Select the key to view its current values.
4. Change the value of the key by entering the new value (in seconds) into the available field.
5. Click **Set In This Group**. The key values are updated.

This process applies to all key value change operations that are listed in the following sections.



Note: There are many key settings that are configurable through the Configuration File Manager. Most of these key settings are outside of the scope of this document. The key settings in this document are the settings you are most likely to require in normal operations. Typically, the default settings defined in the default groups suffice for the remaining settings. For detailed information about key settings, please contact Kofax Support.

Creating custom groups

Terminal groups

Terminal groups control the following terminal functions and operations:

- Terminal hardware features such as keyboards, proximity cards and displays
- Communications with CSS host server
- Mode selection buttons
- Enter User ID and Lawyer Screens
- Copy, Scan, and Disbursements tracking functionality
- Terminal software upgrades

Terminal groups are used to group Edge terminals that have a common functionality. For example, a small law firm could have 14 terminals, 10 connected to copiers that only copy and print (no scan) and 4 terminals connected to only scan. This configuration requires two terminal groups: copy and regular.

The regular group is the default group and is used to designate the settings of any terminals that are not configured correctly (for example, undefined terminal IDs).

Set up a new Terminal Group, User Group, or Language Group

Use Configuration File Manager to set up a new group.

1. Open Configuration File Manager and select **Terminal/User Options**. For details, see [Access Configuration File Manager](#) on page 8.
2. From the list of groups, select a REGULAR group:
 - If you are creating a Terminal Group, use `TERMINAL_GROUP_REGULAR`.
 - If you are creating a User Group, use `USER_GROUP_REGULAR`.
 - If you are creating a Language Group, select `LANGUAGE_GROUP_ENGLISH`.

Once selected, the group name is added to the **Enter Key Name** field on the right pane.

3. Enter the name that you want to assign to the group in the **Enter Key Name** field.
4. Click **Copy Selected Group**.

The new group is displayed in the list of groups. When you create groups using this method, the new groups contain all the key settings of the group they were originally copied from. You can now update the settings of the new group as needed.

Key settings

The following sections outline the key settings necessary to configure Edge for operation. Use the instructions outlined in [Configuration File Manager](#) on page 9 to modify any of these settings. Review the available values and defaults in each table to learn about the available options for each key, and the descriptions to learn what it does.

Keyboard setup

Keyboard settings exist in Terminal Groups and are set with the following keys:

Enabling keyboard sound

Settings	Values	Default	Description
EnableKeyboardSound	Y = Yes N = No	N	Enable keyboard sounds.

Selecting keyboard type

Settings	Values	Default	Description
KeyBoard	Q=QWERTY A=AZERTY key swap Z=QWERTZ key swap a=AZERTY true z=QWERTZ true	Q	Select keyboard type.

Enabling touch keyboard

Settings	Values	Default	Description
KeyboardDefaultOn	Y = Yes N = No	N	Show the expanded keyboard when Smart Bar has no results.

Selecting keyboard font

Settings	Values	Default	Description
Font	W=Western C=Chinese	W	Font of touch keyboard defaulted on screen.

Touch screen settings**Backlight dim after (terminal groups)**

Settings	Values	Default	Description
BackLightDimAfter	Number: 1-999	30	Idle time in seconds before backlighting dimmed.

Backlight level during job (terminal groups)

Settings	Values	Default	Description
BackLightLevelDuringJob	Number: 1-10	1	Backlighting intensity 1-10 during active jobs.

Backlight off after (terminal groups)

Settings	Values	Default	Description
BackLightOffAfter	Number: 1-999	300	Idle time before backlighting turns off.

Background image

Settings	Values	Default	Description
NoBackgroundImage	Y = Solid grey background W = Solid white background N = Background image	N	Select background style.

Host server address

This setting sets the host IP address, and also sets the host type to A (All). To change the type of the host, modify the `Host_0_Type` key in the `TERMINAL_GROUP_REGULAR` group. The options are:

Settings	Values	Default	Description
Host_0_Type	A = All T = Validations and transactions V = Validation only	A	Host server type.

Failover host server

The Copitrak Edge terminal can be connected to one or multiple (Host_0, Host_1, Host_2, Host_3) CSS systems by entering the IP addresses of the configured hosts. Multiple hosts are used in the event of loss of communication with the primary host. If the connection is lost, the Kofax Edge terminal attempts to connect to another configured host.

When Copitrak Edge is configured to fail over to a second, third or fourth host, the main CSS system is typically configured with a `Host_X_Type` as "A", meaning this system validates and processes transactions. Other hosts are typically configured as "V" – validate only, so that in a fail over scenario, transactions are only

processed once the main CSS system is back online. This is done so as not to have to process transactions in two or more systems.

The following table describes the settings used for the Host IP Address and Validation Method. These fields are configured in “Terminal Groups”.

Settings	Values	Default	Description
Host_0	###.###.###.### (system IP)	Y	Enter host IP.
Host_0_Type	A = All T = Validations and transactions V = Validation only	A	A = All T = Sets up the system to validate and process transactions V = Will only validate transactions
Host_1	###.###.###.### (system IP)	Y	Enter host IP.
Host_1_Type	A = All T = Validations and transactions V = Validation only	A	A = All T = Sets up the system to validate and process transactions V = Will only validate transactions
Host_2	###.###.###.### (system IP)	Y	Enter host IP.
Host_2_Type	A = All T = Validations and transactions V = Validation only	A	A = All T = Sets up the system to validate and process transactions V = Will only validate transactions
Host_3	###.###.###.### (system IP)	Y	Enter host IP.
Host_3_Type	A = All T = Validations and transactions	A	A = All T = Sets up the system to validate and process transactions

Settings	Values	Default	Description
	V = Validation only		V = Will only validate transactions
HostConnectionTimeout	Number: 3-30	5	Enter host connection timeout in seconds.
HostReconnect	U = System and user S = System N = Never	U	Reconnect host.

Edge settings

Time zone synchronization

Edge terminals sync with Network Time Protocol (NTP) by default, using UTC. If NTP is unavailable, or your organization chooses to use one, an Active Directory domain sync can be used. In either case, both the Edge terminal and the CSS server must connect to the same NTP/Active Directory server to ensure their time signatures remain synced.



Note: If a static IP address is used, the time used is the value set on the device itself, and may differ from other devices both on and off the native network. We recommend using active directory association or NTP server to ensure the time is always properly set.

Terminal messages

Terminal messages can be configured in any of the Terminal, User, or Language Groups. Configured messages scroll across the screen based upon their respective settings:

- Terminal messages run across the screen when being prompted for terminal settings
- User messages run across the screen when being prompted for user settings
- Language messages run across the screen when being prompted for Language settings

Optionally, as many as three individual Messages per group can be configured. These display in a ticker-tape fashion across the bottom of the Edge screen.

The settings are the same per group. Select the Group to include the Message, then alter the settings as per this table:

Settings	Values	Default	Description
Message1	Text: 128 char	Enter a terminal level message.	Message.
Message2	Text: 128 char	Enter a terminal level message.	Message.
Message3	Text: 128 char	Enter a terminal level message.	Message.
No	Y = Yes	Y	Y=turns off all messages.

Settings	Values	Default	Description
	N = No		

Coms Down message

This key setting is found in Terminal Groups:

Settings	Values	Default	Description
ComsDownMessage	Text: 128 char	Communications are offline.	Enter a terminal level message that displays when Edge has lost communication with the server.

User and lawyer validation

User ID and user validation

The following section lets the customer set up how the User ID is to be entered and how to validate it. The following table describes the settings used for User ID and User Validation. These fields are configured in “Terminal Groups”.


Settings	Values	Default	Description
UserDefault	Text: 16 char		Enter a default User ID which will automatically appear at the Enter User ID prompt. Make sure the UserDefault exists in the ERS User Master and that the UserMask is set correctly.
UserMask	Text: 16 char	UUUUUUUU	See Lawyer ID and validation on page 16.
UserPrompt	Text: 128 char	Enter User ID	User is prompted with this text when asked for an ID.
UserReject	Text: 128 char	Invalid Entry... Try Again	User sees this response if an invalid User ID is entered.
UserValidation	V = Validation L = Local		V = validates the User Id and if invalid shows the “UserReject” prompt.

Settings	Values	Default	Description
	D = Default O = Open C = Validation with open com fail v = V and password prompt o = O and password prompt c = C and password prompt		L = validates the User Id and if invalid shows the "UserReject" prompt. D = validates the User Id and if invalid shows the default "UserReject" prompt. O = skips an invalid User Id entry and proceeds to Account Code entry. C = validates the User Id even if communication to the ERS system is down. v = V validation followed by a password prompt o = O validation followed by a password prompt c = C validation followed by a password prompt
UserGroupPrefix			
UserPasswordReject		Invalid Entry... Try Again	The response the user sees if an invalid password is entered.
UserPasswordPrompt		Enter Password	User Password prompt. Used when UserValidation is set to V, O, or C.

Lawyer ID and validation

The following settings are used to determine Lawyer ID and validation. All of these fields are configured from within a User Group:

Settings	Values	Default	Description
LawyerAllowOverride	Y = Yes N = No	N	Enable Lawyer Validation Override, which displays an override button on the keypad.

Settings	Values	Default	Description
LawyerAutoEnter	Y = Yes N = No	N	Enable Lawyer Auto Enter
LawyerDefault	Text: 16 char		Enter a default Lawyer ID which will automatically appear at the Enter Lawyer ID prompt. Make sure the LawyerDefault exists in the ERS User Master and that the LawyerMask is set correctly.  Note: Used in conjunction with LawyerValidation=D
LawyerDefaultToUser	Y = Yes N = No	Y	Default Lawyer Entry to User ID. If "N" is chosen the user will be prompted to enter in the Lawyer ID.
LawyerEnableSearch	Y = Yes N = No	N	Enable lawyer search.
LawyerGetFavorites	Y = Yes N = No	N	Show lawyer ID favorites.
LawyerMask	Text: 16 char	UUUUUUUU	See Lawyer ID and validation on page 16.
LawyerShowNames	Y = Yes N = No	N	Show Lawyer Names in LTPRO drop down. (See Copitrak Print documentation)
LawyerValidation	V = Validation D = Default O = Open C = Validation with open com fail	V	V = validates the Lawyer ID and if invalid shows the "Invalid Entry... Try Again" prompt. D = do not receive prompt to enter Lawyer ID.

Settings	Values	Default	Description
			<p>O = skips an invalid Lawyer ID entry and proceeds on.</p> <p>C = validates the Lawyer ID even if communication to the ERS system is down.</p>

User entry masks

Masks are used to force the user to enter values in specific formats. They determine how many, and which, alphanumeric characters are valid when a user enters a value. User entry masks are optional and can be configured in many different ways with a maximum of 16 characters in length. Masks can be applied to the following user entry fields:

- User Mask
- Lawyer Mask
- Account Mask
- Description Mask
- General 1 Mask
- General 2 Mask

Mask Value	Description
O = Open w/Case	Allows user to enter lowercase letters, uppercase letters, numbers, and symbols.
U = Open UpperCase	Allows user to enter uppercase letters, numbers, and symbols.
A = Alpha	Allows user to enter uppercase letters.
B = Alph w/Case	Allows user to enter lowercase letters and uppercase letters.
S = Alpha + space	Allows user to enter uppercase letters and spaces.
Z = AlphaNum	Allows user to enter uppercase letters, numbers, and symbols.
Y = AlphaNum w/Case	Allows user to enter lowercase letters, uppercase letters, and numbers.
N = Num	Allows user to enter numbers.
M = Num + space	Allows user to enter numbers and spaces.
Any mask value letter used in lowercase, that is: o, u, a, b, s, z, y, n, and m.	Allows for secure entry by displaying asterisks (*) instead of the letters/numbers typed in.

The amount of characters designated indicate the minimum amount of characters the system accepts during a login attempt. For example, if a **UserMask** key is set to UUUU, the user must enter 4 uppercase letters, numbers, or symbols for a login attempt to be valid. If fewer than 4 characters are entered, validation will not take place. The system also will not allow a user to enter more than 4 letters, numbers, and/or symbols.

You can combine any of these values. For instance, to have three uppercase letters and three numbers, the mask value is AAANNN



Note: Lowercase implies secure.

Account validation

The following table describes the settings used for Account Code Entry and Account Validation. These fields are configured in the **User Groups**.

Settings	Values	Default	Description
AccountAllowOverride	Y = Yes N = No	Y	Enable account override.
AccountAutoComplete	Y = Yes N = No	Y	Enable account auto-complete. Allows searching by account code only.
AccountAutoEnter	Y = Yes N = No	N	Enable account auto enter. Automatically adds the Enter button for the user after any characters are entered for the Account Code.
AccountDefault	Text: 32 char		Enter the Account Default Value Enter a default Account value which will automatically appear at the Enter the Account Code prompt. Make sure the AccountDefault exists in the ERS Account Master and that the AccountMask is set correctly.

Settings	Values	Default	Description
AccountDefaultToSearch	Y = Yes N = No	N	Default Account Entry to Search After the User ID is entered you can choose to have the user enter the "Account Code" or be prompted to do a search on either the Account Code, Client or Matter.
AccountEnableSearch	Y = Yes N = No	Y	Allows search. Allows searching by account code or client.
AccountEnableSpeed	Y = Yes N = No	Y	Show user favorites.
AccountMask	Text: 32 char	UUUUUUUUUUUUUUUUUUUU	See User entry masks on page 18.
AccountShowLastJobs	Y = Yes N = No	Y	Show user last jobs.
AccountValidation	V = Validation D = Default O = Open C = Validation with Open Com Fail	V	Select validation method. D=works with AccountDefault

Advanced scanning

The following section describes the settings used to adjust brightness and contrast settings for scanning.

Brightness setting

These settings are configured in "User Groups".

Settings	Values	Default	Description
EdgeQSBrightness	Y = Enabled		If enabled, this setting allows users to adjust the scan brightness.

Settings	Values	Default	Description
	N = Disabled		
EdgeQSBrightnessDefault	0 = 15% 1 = 30% 2 = 45% 3 = 60% 4 = 75% 5 = 90% 6 = Other. A user-selected value, between 1 and 100, that is not a predefined value. 7 = Default. The scan driver's default value.	7	The default setting for scan brightness.

Contrast setting

These settings are configured in “User Groups”.

Settings	Values	Default	Description
EdgeQSContrast	Y = Enabled N = Disabled		If enabled, this setting allows users to adjust the scan contrast.
EdgeQSBrightnessDefault	0 = 15% 1 = 30% 2 = 45% 3 = 60% 4 = 75%		The default setting for scan contrast.

Settings	Values	Default	Description
	5 = 90% 6 = Other. A user-selected value, between 1 and 100, that is not a predefined value. 7 = Default. The scan driver's default value.		

Menu text

Menu language settings

These key settings are found in the Language Group.

Settings	Values	Default	Description
EGDE_KEY_SCAN_ADVANCED	Text	Advanced Options	Text for the advanced options menu.
EdgeQSBrightnessCaption	Text	Brightness	Text for the brightness submenu.
EdgeQSContrastCaption	Text	Contrast	Text for the contrast submenu.

Brightness language settings

These key settings are found in the Language Group.

Settings	Values	Default	Description
BRIGHTNESS_PROMPT	Text	Please enter a brightness value as a percentage (1-100)	The prompt that displays when "Other" is selected from Brightness setting on page 20.

Settings	Values	Default	Description
EDGE_INVALID_BRIGHTNESS_MSG	Text	Invalid value. Please enter a value from 1-100.	A message that displays if a user enters an invalid brightness value.

Contrast language settings

These key settings are found in the Language Group.


Settings	Values	Default	Description
EDGE_CONTRAST_PROMPT	Text	Please enter a contrast value as a percentage (1-100)	The prompt that displays when "Other" is selected from Contrast setting on page 21.
EDGE_INVALID_CONTRAST_MSG	Text	Invalid value. Please enter a value from 1-100.	A message that displays if a user enters an invalid contrast value.

Copy tracking features

The following section demonstrates how to set up specific features used only by the Copy tracking functionality. These settings are configured in "Terminal Groups".

Configure the terminal to sense copies through the copy port

Settings	Values	Default	Description
CopySenseMethod	<p>S = Differentiation determined through the attributes of a single pulse</p> <p>D = Differentiation determined through the attributes of a double pulse (single pulse for black and white)</p> <p>T = Differentiation determined by the splitter box (MCIF) pulse timing</p> <p>M = Multiple pulses</p>	S	Method used by Edge to determine the page color value based on the type of signal sent by the MFP. This setting only provides information on how to handle the basic signal from the MFP. Extended attributes handling is configured on each Edge device using the admin menu to select the make and series of the attached MFP.

Settings	Values	Default	Description
CopyTypeDetect	A = Automatically determine based on pulse attributes P = The user is presented a pick list and selects the size	A	Discovery method to determine paper size values X, Y, Z, and z.  Note: Valid only if CopySenseMethod = S.
CopyLog	Y = Logging on N = Logging off	N	Enable copy logging for troubleshooting purposes.

Copy enable credit

CopyEnableCredit allows the user to apply a credit. For example, in the case where a copy job was sent to the wrong account, or a paper jam or out of toner error occurs. This field is configured in the “Terminal Group”.

Settings	Values	Default	Description
CopyEnableCredit	Y = Yes N = No	N	Enables credit for copies.

Copy show client name

Settings	Values	Default	Description
CopyShowClientNames	Yes = Yes N = No	N	Shows client name during copy job.

Discard active transaction

If Copitrak Edge is installed on a desktop, you can close the application using the **X** button in the top right corner. If a transaction is active, you are prompted to discard the current transaction before you can close the application.

Settings	Values	Default	Description
EDGE_DISCARD_CONFIRM_TITLE	Text	Discard Active Transaction	Dialog box title when prompting the user to confirm the canceled transaction and exit.
EDGE_DISCARD_CONFIRM_MSG	Text	Quitting will discard the current transaction. Continue?	Dialog box text when prompting the user to

Settings	Values	Default	Description
			confirm the canceled transaction and exit.
EDGE_SHUTTINGDOWN_MSG	Text	Disconnecting from the CSS server and Shutting Down.	Message to display in the broadcast message while Edge is cancelling the current transaction and disconnecting from the CSS server.


End a copy session

During a single login session a user can produce multiple copy jobs. Once done, the user typically logs out of the terminal using the **End** button. The following key settings control the way in which the terminal ends a user's session:

Settings	Values	Default	Description
CopyHoldEnd	Y = Yes N = No	N	Holds copy jobs until scanner confirms job completion with a "PHRASE_JOB_ENDING" message, which is set in LANGUAGE_GROUPS.
CopyEndTimeout	seconds	1	Enter a time limit to keep the copier message on screen after the END button is pressed.


Manual entry of copy types by user

Some color copiers and MFPs do not provide a color signal and in this case the Edge terminal can only detect a single page type. In this case the terminal can be configured to display a screen for the user to manually enter the copy type (color or BW), and page size.

Settings	Values	Default	Description
CopyTypeAfter	D = Description A = Account L = Lawyer 3 = General1 4 = General2	D	Selects field for which to prompt for copy type.  Note: Works only if CopyTypeDetect = P.

Set copy limits for users

The following key settings can be used to set copy limits for users. This feature can be used to limit the size of copy jobs on low speed copiers, forcing the user to move the copy job to a more cost effect and/or high speed copier.

Settings	Values	Default	Description
CopyLimit	Number: 0-99	100	Sets a limit for a single copy job.
CopyLimitOptions	X = Cut off x = Cut off (NB only) D = Force description D = Force description (NB only) N = No action	X	Select the action when the copy limit is exceeded. Works with CopyLimit.  Note: If CopyLimitOption = D (force description), and if DescValidation = D then the user will not be forced to enter in a description, eventhough the CopyLimitOption specified it.


In user group

Settings	Values	Default	Description
ColorCopyLimit	Number: 0-999	0	Sets the maximum number of color copies allowed.

Set up copy page types

There are four page types, represented by four separate Copy Types:

- CopyType1 = Small black and white
- CopyType2 = Small color
- CopyType3 = Large black and white
- CopyType4 = Large color

Settings	Values	Default	Description
CopyType1 CopyType2 CopyType3 CopyType4	Name = Page type description Rate = Cost Pulse Count = Number of pulses	Communications are offline.	Copitrak Edge supports 4 page types which can be configured with their own values.  Note: Rate and Pulse Count are optional values. Pulse count is only used when CopySenseMethod = S and CopyTypeDetect = A.
CopyType5	Name = Page type description Rate = Cost		Used only for scan. Rate value is optional.

Description functionality


Description default

This key setting is found in the User Group:

Settings	Values	Default	Description
DescDefault	Text: 64 char	D	Enter a default job description that always displays at the Job Description Prompt.

Description minimum length

This key setting is found in the User Group:

Settings	Values	Default	Description
DescriptionMinimumLength	N: 0-64	1	The minimum number of characters allowed for a job description.  Note: Description pick list values must meet the

Settings	Values	Default	Description
			minimum value or will be considered an invalid entry.

Description prompt

This key setting is found in the Language Group:

Settings	Values	Default	Description
DescPrompt	N: 0-128	Enter Job Description	Enter the prompt users see for prompting a job description.

Description prompt scan

This key setting is found in the Language Group:

Settings	Values	Default	Description
DescPromptScan	N: 0-128	Enter Job Description	Enter the prompt users see for prompting a job description for SCAN mode only.

Description reject

This key setting is found in the Language Group:

Settings	Values	Default	Description
DescReject	N: 0-128	Invalid Entry... Try Again	Enter the description reject message users see if the job description entered is invalid.

Description validation

This key setting is found in the User Group:

Settings	Values	Default	Description
DescValidation	D = Default P = Pick list O = Open entry Z = Open or pick list	D	D = There is no prompt Enter Job Description. O = Can choose from pick list or enter any description.

Settings	Values	Default	Description
	z = Z with no auto enter on pick list		<p>P = Can choose only from pick list.</p> <p>Z = Can choose from pick list or enter any description.</p> <p>z = Can choose from pick list or enter any description but Enter must be pressed to continue.</p>

Force job description

This key setting is found in the Terminal Group:

Settings	Values	Default	Description
ForceJobDescription	Y = Yes N = No	N	Forces the user to enter a job description for every transaction.

Next key skip description

This key setting is found in the Terminal Group:

Settings	Values	Default	Description
NextKeySkipDescription	Y = Yes N = No	N	Skip Past Description and Page Type Prompt on Next Key.

No description copies

This key setting is found in the User Group:

Settings	Values	Default	Description
NoDescCopies	Y = Yes N = No	N	If NoDescCopies=Y, the user is never prompted to enter a Job Description on any copy job.

No description disbursement

This key setting is found in the User Group:

Settings	Values	Default	Description
NoDescDisb	Y = Yes N = No	N	If NoDescDisb=Y, the user is never prompted to enter a Job Description on any print job.

No description print

This key setting is found in the User Group:

Settings	Values	Default	Description
NoDescPrint	Y = Yes N = No	N	If NoDescPrint=Y, the user is never prompted to enter a Job Description on any print job.

No description scan

This key setting is found in the User Group:

Settings	Values	Default	Description
NoDescScan	Y = Yes N = No	N	If NoDescScan=Y, the user is never prompted to enter a Job Description on any scan job.

Phrase field description

This key setting is found in the Language Group:

Settings	Values	Default	Description
PHRASE_FIELD_DESCRIPTION	Text: 129 char	Description	

Phrase key description

This key setting is found in the Language Group:

Settings	Values	Default	Description
Phrase_Key_Desc	Text: 15 char	Desc	Text shown for on-job description key.

Phrase invalid description

This key setting is found in the Language Group:

Settings	Values	Default	Description
Phrase_Key_Desc	Text: 128 char	Invalid Description	

Setting the currency

Settings	Values	Default	Description
Currency	Text: 32 char	USD	Enter the Currency name.


Setting timeouts

If a user does not end a copy session by pressing the END button, the terminal is configured by default to automatically log the user out after a set inactivity period.

Settings	Values	Default	Description
CopyTimeout	Seconds	180	A timeout value for Copy jobs in seconds
CopyWarningBellTime	Seconds	20	Sets a copier audible alert time.
CopyXtnd	A = Incremental Reload, (1-999) R = Reload (1-999) N = No Y = Infinite	A, 300	A = Will add additional specified time R = Will place the counter back to the specified time (does not add any more time) N = Will not allow to extend or add additional time – no key provided Y = Will wait until the copy is done and the end key is pressed

Show description key

This key setting is found in the User Group:

Settings	Values	Default	Description
ShowDescKey	Y = Yes N = No	Y	Shows Job Description Key.  Note: The description

Settings	Values	Default	Description
			validation must be set to D for the key to be shown: DescValidation=D

Pull scan options

This section lists the options used by the Pull Scan features. These settings are configured in **User Group** settings..

Color settings

Settings	Values	Default	Description
EdgeQSColor	Y = Yes N = No	N	Allows the user to select the scan color mode when enabled.
EdgeQSColorDefault	0 = Auto 1 = B&W 2 = Grayscale 3 = Full Color	0	Default color mode.
EdgeQSColorAuto	Y = Yes N = No	N	Allows the user to let the scanner select the color mode automatically.
EdgeQSColorBW	Y = Yes N = No	N	Allows the user to select the black and white color mode.
EdgeQSColorGray	Y = Yes N = No	N	Allows the user to select the grayscale color mode.
EdgeQSColorFull	Y = Yes N = No	N	Allows the user to select the full color mode.

Image touchup settings

Auto Rotate

Settings	Values	Default	Description
EdgeQSAutoRotate	Y = Yes N = No	N	Allows the user to choose if auto-rotate is on or off when enabled.
EdgeQSAutoRotateDefault	Y = Yes N = No	Y	Default auto-rotate setting.

Deskew

Settings	Values	Default	Description
EdgeQSDeskew	Y = Yes N = No	N	Allows the user to choose if the deskew setting is on or off when enabled.
EdgeQSDeskewDefault	Y = Yes N = No	Y	Default deskew source.

Despeckle

Settings	Values	Default	Description
EdgeQSDespeckle	Y = Yes N = No	N	Allows the user to choose if the despeckle setting is on or off when enabled.
EdgeQSDespeckleDefault	Y = Yes N = No	Y	Default despeckle setting.

Orientation

Changing page orientation might change the image size.

Settings	Values	Default	Description
EdgeQSOrientation	Y = Yes N = No	N	Allows the user to select the page orientation setting when enabled.

Settings	Values	Default	Description
EdgeQSOrientationDefault	Y = Yes N = No	Y	Default page orientation setting.
EdgeQSOrientationOriginal	Y = Yes N = No	N	Allows the user to keep the original page orientation.
EdgeQSOrientationPortrait	Y = Yes N = No	N	Allows the user to force the portrait page orientation.
EdgeQSOrientationLandscape	Y = Yes N = No	N	Allows the user to force the landscape page orientation.

Remove Hole Punch

Settings	Values	Default	Description
EdgeQSRemoveHolePunch	Y = Yes N = No	N	Allows the user to choose if the remove hole punch setting is on or off when enabled.
EdgeQSRemoveHolePunchDefault	Y = Yes N = No	Y	Default remove hole punch setting.

Original scan settings

Settings	Values	Default	Description
EdgeQSOriginals	Y = Yes N = No	N	Allows the user to change the scan document setting when enabled.
EdgeQSOriginalsDefault	Y = Yes N = No	Y	Default original document setting.
EdgeQSOriginalsSimplex	Y = Yes N = No	N	Allows the user to select simplex original documents.
EdgeQSOriginalsDuplex	Y = Yes N = No	N	Allows the user to select duplex original documents.

Paper orientation settings

The orientation of the paper placed on the glass or in the ADF. This meaning might from device to device and related to the direction of the short and long edges of the paper.

For Ricoh devices, orientation is judged based on where the scanner wand originates. If it scans left to right, portrait orientation is when the short edge is facing left and right, and landscape orientation is when the long edge is facing left and right. Note that this orientation is opposite to the way you are looking at the paper when you place it on the MFP.

Settings	Values	Default	Description
EdgeQSOrientation	Y = Yes N = No	N	Allows the user to change the scan orientation setting when enabled.
EdgeQSOrientationDefault	0 = As Original 1 = Portrait 2 = Landscape	0	Default paper orientation.
EdgeQSOrientationPortrait	Y = Yes N = No	N	Allows the user to select portrait orientation scanning.
EdgeQSOrientationLandscape	Y = Yes N = No	N	Allows the user to select landscape orientation scanning.

Paper size settings

Settings	Values	Default	Description
EdgeQSPapersize	Y = Yes N = No	N	Allows the user to select the original document's paper size when enabled.
EdgeQSPapersizeDefault	0 = Auto 1 = Letter 2 = Legal 3 = Tabloid 4 = Ledger 5 = A3	0	Default paper size.

Settings	Values	Default	Description
	6 = A4 7 = A5		
EdgeQSPapersizeAuto	Y = Yes N = No	N	Allows the user to let the scanner select the paper size automatically.
EdgeQSPapersizeLetter	Y = Yes N = No	N	Allows the user to select the letter paper size.
EdgeQSPapersizeLegal	Y = Yes N = No	N	Allows the user to select the legal paper size.
EdgeQSPapersizeTabloid	Y = Yes N = No	N	Allows the user to select the tabloid paper size.
EdgeQSPapersizeLedger	Y = Yes N = No	N	Allows the user to select the ledger paper size.
EdgeQSPapersizeA3	Y = Yes N = No	N	Allows the user to select the A3 paper size.
EdgeQSPapersizeA4	Y = Yes N = No	N	Allows the user to select the A4 paper size.
EdgeQSPapersizeA5	Y = Yes N = No	N	Allows the user to select the A5 paper size.

Paper source settings

Settings	Values	Default	Description
EdgeQSPaperSource	Y = Yes N = No	N	Allows the user to select where the paper is placed on the MFP when enabled.
EdgeQSPaperSourceDefault	0 = Enabled 2 = Disabled	0	Default paper source.

Settings	Values	Default	Description
EdgeQSPaperSourceAuto	Y = Yes N = No	N	Allows the user to let the scanner select the paper source automatically.
EdgeQSPaperSourceADF	Y = Yes N = No	N	Allows the user to select ADF as the paper source.
EdgeQSPaperSourceFlatbed	Y = Yes N = No	N	Allows the user to select the glass as the paper source.

Resolution scan settings

Settings	Values	Default	Description
EdgeQSResolution	Number	N	Allows the user to change the scan resolution when enabled.
EdgeQSResolutionDefault	0 = 100 1 = 150 2 = 200 3 = 300 4 = 400 5 = 600	0	Default quick scan resolution.
EdgeQSResolution100	100	N	Allows a resolution of 100 DPI.
EdgeQSResolution150	150	N	Allows a resolution of 150 DPI.
EdgeQSResolution200	200	N	Allows a resolution of 200 DPI.
EdgeQSResolution300	300	N	Allows a resolution of 300 DPI.
EdgeQSResolution400	400	N	Allows a resolution of 400 DPI.
EdgeQSResolution600	600	N	Allows a resolution of 600 DPI.



User interface text

Buttons and menus

Settings	Values	Default	Description
EDGE_KEY_SCAN	Text		Text for quick scan button.
EDGE_KEY_SETU	Text		Reserved for future use.
EDGE_KEY_SCANMORE	Text		Text for scan more button on the preview screen.
EDGE_KEY_SCAN_NATIVE	Text		Reserved for future use.
EDGE_KEY_SCAN_BASIC	Text		Text for scan options, such as resolution, color mode, and so on.
EDGE_KEY_SCAN_TOUCHUP	Text		Text for scan image touchup options.
EDGE_KEY_BACK	Text		Text for submenu back button to return to the previous menu.
EDGE_KEY_SETTINGS	Text		Reserved for future use.

User notification and dialog boxes

Settings	Values	Default	Description
EDGE_ERROR	Text		Text for generic errors.
EDGE_NOT_CONFIGURED_TITLE	Text		Text for dialog box title when scanner setup is required.
EDGE_NOT_CONFIGURED_MSG	Text		Text for dialog box message when scanner setup is required.
EDGE_SHARE_UNAVAILABLE_TITLE	Text		Text for dialog box title when the scan-in share is unavailable.
EDGE_SHARE_UNAVAILABLE_MSG	Text		Text for dialog box message when the scan-in share is unavailable.

Settings	Values	Default	Description
EDGE_UPDATE_TITLE	Text		Text for dialog box title when an update is in progress.  Note: This message only appears on a kiosk device. The update occurs on a desktop installation while Edge software was running.
EDGE_UPDATE_MESSAGE	Text		Text for dialog box message when an update is in progress.  Note: This message only appears on a kiosk device. The update occurs on a desktop installation while Edge software was running.

Submenus

Settings	Values	Default	Description
EdgeQSEnabled	Text		Text for enabled options.
EdgeQSDisabled	Text		Text for disabled options.

Scan option submenus

Settings	Values	Default	Description
EdgeQSResolution	Text		Text for resolution menu.
EdgeQSResolution100	Text		Text for 100 DPI resolution menu option.
EdgeQSResolution150	Text		Text for 150 DPI resolution menu option.

Settings	Values	Default	Description
EdgeQSRResolution200	Text		Text for 200 DPI resolution menu option.
EdgeQSRResolution300	Text		Text for 300 DPI resolution menu option.
EdgeQSRResolution600	Text		Text for 600 DPI resolution menu option.
EdgeQSOriginals	Text		Text for originals menu.
EdgeQSOriginalsSimplex	Text		Text for simplex menu option.
EdgeQSOriginalsDuplex	Text		Text for duplex menu option.
EdgeQSPaperOrientation	Text		Text for paper orientation menu.
EdgeQSPaperOrientationPortrait	Text		Text for portrait menu option.
EdgeQSPaperOrientationLandscape	Text		Text for landscape menu option.
EdgeQSColor	Text		Text for color mode menu.
EdgeQSColorAuto	Text		Text for automatic color mode menu option.
EdgeQSColorBW	Text		Text for black and white color mode menu option.
EdgeQSColorGray	Text		Text for grayscale color mode menu option.
EdgeQSColorFull	Text		Text for full color mode menu option.
EdgeQSPapersize	Text		Text for paper size menu.
EdgeQSPapersizeAuto	Text		Text for automatic paper size menu option.
EdgeQSPapersizeLetter	Text		Text for letter paper size menu option.
EdgeQSPapersizeLegal	Text		Text for legal paper size menu option.

Settings	Values	Default	Description
EdgeQSPapersizeTabloid	Text		Text for tabloid paper size menu option.
EdgeQSPapersizeLedger	Text		Text for ledger paper size menu option.
EdgeQSPapersizeA3	Text		Text for A3 paper size menu option.
EdgeQSPapersizeA4	Text		Text for A4 paper size menu option.
EdgeQSPapersizeA5	Text		Text for A5 paper size menu option.
EdgeQSPaperSource	Text		Text for paper source menu.
EdgeQSPaperSourceAuto	Text		Text for automatic paper source menu option.
EdgeQSPaperSourceADF	Text		Text for ADF paper source menu option.
EdgeQSPaperSourceFlatbed	Text		Text for glass paper source menu option.

Touchup options submenus

Settings	Values	Default	Description
EdgeQSDeskew	Text		Text for deskew menu.
EdgeQSDespeckle	Text		Text for despeckle menu.
EdgeQSRemoveHolePunch	Text		Text for remove hole punch menu.
EdgeQSAutoRotate	Text		Text for auto-rotate menu.
EdgeQSOrientation	Text		Text for orientation menu.
EdgeQSOrientationOriginal	Text		Text for original orientation menu option.
EdgeQSOrientationPortrait	Text		Text for portrait orientation menu option.
EdgeQSOrientationLandscape	Text		Text for landscape menu option.

Configuring pull scanning

Install TWAIN driver

Before installing the TWAIN drivers, ensure your device is running the most recent version of the software. Earlier versions may not contain the settings required for your driver. You can do this by performing an upgrade. See [Upgrade Copittrak Edge software](#) on page 4.

For scanning to function, the TWAIN driver appropriate to the MFP device being used must be installed to the Edge terminal.

1. Log in to the Edge terminal with administrator credentials.
2. Obtain the appropriate drivers for your MFP. Typically, these can be found hosted on the web site of your MFP vendor.
3. Install the drivers using the appropriate procedure.

These steps may differ from vendor to vendor. Typically, the drivers are distributed in an executable file, which is then run on the device. In the case of Ricoh, run the installer and then follow the prompts from the Wizard to install the drivers to the Edge terminal.

Configure the scanner

You must be in front of the MFP during this process to facilitate the process. Be sure to run all tests required by the system for a proper configuration.

1. Change the group policy in order to allow the Network Connection Tool to be run as the Edge user in Administration Mode:
 - a) Log in to the Edge terminal with administrator credentials.
 - b) Run the **Local Group Policy Editor** (`gpedit.msc`).
 - c) Go to **Computer Configuration > Windows Settings > Security Settings > Local Policies > Security Options**.
 - d) Double-click **Accounts: Limit local accounts use of blank passwords to console login only**, and set it to **Disabled**. Click **Apply**.
2. Go to the location on your system where the TWAIN Driver Installation program has been placed, and run it. Typically, this tool is included with the TWAIN driver package.
For supported Ricoh MFPs, the driver package is TWAIN V4 Network Connection Tool. For supported Canon MFPs, it is ScanGear Tool.
3. Using the keyboard, press and hold **Shift**, then right-click the Scanner IP configuration tool icon and select **Run as different user**.
4. Enter `Edge` as the **User name**, and leave the **Password** field blank. Click **OK**.
5. Designate the IP address of the MFP using the vendor-specific software included with the driver package. This process differs by vendor.
6. Reboot the device. This returns it to **Kiosk Mode**.
7. Press **Clr > Clr > Space > Clr** on the Edge device key pad. The **Edge Admin Menu** displays.
8. Select **Scanner Configuration** to open the Kofax Scanner Setup Wizard.
For Ricoh and Canon devices, run the scanner configuration in **Custom** mode.
9. Follow the wizard to complete the scanner configuration. This process gathers the information required to bypass the native TWAIN user interface of the MFP.

Enable pull scanning

Use the Configuration File Manager to update the relevant keys. For detailed information on Configuration File Manager, see [Configuration File Manager](#) on page 9.

1. Launch Configuration File Manager, then click **Terminal/User Options**.
2. If necessary, add new terminal, users, or language groups for your Edge terminals. See [Creating custom groups](#) on page 10.
3. Select **Scan** at the top right of the screen to display the scan options only. This facilitates finding Edge-specific options.
4. On the left pane, select the Terminal Group used by the Edge terminal, then click **Set All Missing Entries to Default Values**. The list of available key configurations is updated to include the new terminal group settings.

If you do not see these options, update to the latest version of the Copitrak Edge software.

5. Under the selected Terminal Group, update the following key values:
 - **EdgePullScan**: Set to **Y** to enable pull scanning.
 - **EdgeScanInShare**: Enter the folder share to the server's scan-in folder to change the default folder. The CSS installer typically creates this share under `\\cssserverhostname\scan-in`.
 - **EdgeShareUsername**: Enter a username that will be used to access the EdgeScanInShare folder.
 - **EdgeSharePassword**: Enter the password that matches the username specified in EdgeShareUsername.
6. Set user group by selecting the user group in the option used by the Edge terminal. Click **Set All Missing Entries to Default Values**.

The Edge user settings are used to specify quick scan setting default values and which quick scan settings are visible to the user. They are only relevant for pull scan Edge terminals.

If pull scanning for the device is set up correctly, a **Scan** button appears on the top left screen.

Troubleshooting

Normal operations thwarted by virus control software

Condition

If installed, anti-virus software may impact proper operation of the system.

Cause

Virus-control software processes prevent normal operation without administrator intervention.

Remedy

Add the Copitrak Edge folder on the server and the folders on the Edge device to the list of exceptions in the anti-virus software you are using.

Update In Progress window persists

Condition

During updates, the “Update In Progress” window displays and does not clear.

Cause

Rarely, executable files used during update fail to close.

Remedy

Updates typically complete in seconds. If you are waiting longer, log out of the device, and log back in to clear the window.

Kofax Reader Maintainer disables the card reader

Condition

Use of the Kofax Reader Maintainer tool can disable card readers when they are configured while connected to the device.

Cause

Sending a completion command to the card reader to restore it to operable state can potentially fail.

Remedy

If this situation occurs, disconnect the MINI-DIN cable at the back of the Edge base for 10 seconds and reconnect. This re-enables the reader with the new settings.

Third-party software license agreements

Microsoft Windows 10

For licensing agreements, please refer to Microsoft's web site at: https://www.microsoft.com/en-us/UseTerms/Retail/Windows/10/UseTerms_Retail_Windows_10_English.htm.

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For Australian consumer transactions:

(A) Our goods and services come with guarantees that cannot be excluded under Australian Consumer Law; nothing in this agreement purports to modify or exclude the conditions, warranties and undertakings and any other legal rights under the Competition and Consumer Act 2010 (Cth) and any other law except to the extent permitted by law.

(B) If goods and services purchased are not of a kind ordinarily acquired for household use or consumption then, subject to law, Kofax limits its liability to:

(i) For goods:

- (a) Replacement of the goods or the supply of equivalent goods; or
- (b) The cost of replacing the goods or acquiring equivalent goods; or
- (c) Repair of the goods; or
- (d) The cost of having the goods repaired: and

(ii) For services

- (a) Supplying the services again; or
- (b) Payment of the cost of having the services supplied again;

Unless it is unreasonable to do so.

Goods (other than software) presented for repair further may be replaced by refurbished goods of the same type rather than being repaired. Refurbished parts may be used to repair the goods, and where Kofax elects to repair goods, this repair may result in loss of user-generated data.

(C) If Australian Consumer Law (ACL) applies to this transaction, then Kofax's Australian Consumer Law Policy applies. Visit the website: Australia.nuance.com for information on this policy. See the section titled "Legal".

For New Zealand consumer transactions which are subject to the Consumer Guarantees Act 1993 (NZ), then if the software is being purchased for a business purpose you agree that the Consumer Guarantees Act 1993 does not apply and that it is fair and reasonable to do so.

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GOVERNING LAW. This Agreement shall be governed by the laws of the country indicated below, without regard to choice of law rules, and excluding the United Nations Convention on Contracts for the International Sale of Goods, and you hereby submit to the jurisdiction of the courts located in the jurisdiction below and the applicable service of process. The official text of the Agreement or any notices required hereby shall be in English. In Canada, Province of Quebec for all contracts drafted in English, both Parties agree to write this document in English. Les parties contractantes ont convenu de rédiger le présent document en langue anglaise.

If the address of the Licensee is in the United States, Taiwan, Korea, Japan, Canada or Mexico, the governing law shall be that of the Commonwealth of Massachusetts, U.S.A. and the exclusive venue shall be the Federal and state courts of Massachusetts. If the address of the Licensee is in Hong Kong or China, the governing law shall be that of the Hong Kong Special Administrative District and the exclusive venue shall be the courts of the Hong Kong Special Administrative District. If the address of the Licensee is in India or Singapore, the governing law shall be that of Singapore and the exclusive venue shall be the Courts of Singapore. If the address of the Licensee is in Australia or New Zealand, the governing law shall be the law of New South Wales, Australia and the exclusive venue shall be the courts of New South Wales, in Sydney Australia. If the address of the Licensee is in any other country in the world, the governing law shall be the law of England, and the exclusive venue shall be the courts of London, England.

INJUNCTIVE RELIEF. You understand and agree that in the event of a breach or threatened breach by you of any term or provision of this Agreement will cause irreparable harm to Kofax and that damages or an action at law may not be an adequate remedy for any such breach. Accordingly, in the event of any such breach or threat of same, and notwithstanding any other provisions of this Agreement, Kofax shall, in addition to all other remedies that may be available to it, be entitled to injunctive relief (including a temporary restraining order, a temporary or prohibitory injunction and a permanent mandatory or prohibitory injunction) to restrain and prohibit the continuation of any such breach, to compel compliance with the provisions of this Agreement, and to restrain and prohibit any threatened breach in order to protect the proprietary rights of Kofax.

GENERAL. This Agreement constitutes the entire agreement between the parties concerning the subject matter hereof. This Agreement may be amended only by a writing signed by both parties. The terms and conditions as set forth in any purchase order which differ from, conflict with, or are not included in this Agreement shall not become part of this Agreement unless specifically accepted by Kofax in writing. This Agreement shall not be governed by the United Nations Convention on Contracts for the International Sale of Goods. If any provision in this Agreement should be held illegal or unenforceable by a court having jurisdiction, such provision shall be modified to the extent necessary to render it enforceable without losing its intent, or severed from this Agreement if no such modification is possible, and the other provisions of this Agreement shall remain in full force and effect. The controlling language of this Agreement is English. The Licensee agrees to bear any and all costs of interpreters if necessary. If Licensee has received a translation into another language, it has been provided for Licensee's convenience only. A waiver by either party of any term or condition of this Agreement or any breach thereof, in any one instance, shall not waive such term or condition or any subsequent breach thereof. The provisions of this Agreement that require or contemplate performance after the expiration or termination of this Agreement shall be enforceable notwithstanding such expiration or termination. Licensee may not assign or otherwise transfer by operation of law or otherwise this Agreement or any rights or obligations herein except to an acquirer of Licensee's business in the case of a merger or the sale of all or substantially all of Licensee's assets to such acquirer. This Agreement shall be binding upon and shall inure to the benefit of the parties, their successors and permitted assigns. The relationship between Kofax and Licensee is that of independent contractors and neither Licensee nor its agents shall have any authority to bind Kofax in any way. If any dispute arises under this Agreement, the prevailing party shall be reimbursed by the other party for any and all legal fees and costs associated therewith. The headings to the sections of this Agreement are used for convenience only and shall have no substantive meaning. Kofax may use Licensee's name in any customer reference list or in any press release issued by Kofax regarding the licensing of the Software.