



KOFAX CONTROLSUITE
RICOH UC TOUCHLESS QR PRINTING
ALEX OCHROMBEL – JANUARY 2021

KOFAX

Overview

This guide is designed to illustrate the process to enable users to scan a QR code on the embedded panel of a Ricoh Unified Client via Kofax Business Connect, in order to carry out touchless print release via Equitrac.

The process should be run per MFP as the QR code is unique to the identifier for each print queue.

Pre-Requisites

- Equitrac 6
- Business Connect 8+
- Device Registration System 8+
- Ricoh MFP running PCC5.1
- iOS or Android mobile device with KBC app installed
- TCP 8755 is open between the DRS server and the Ricoh MFP

For a demonstration of the Ricoh Unified Client with QR Code touchless integration, please see - <https://www.kofaxdemocenter.com/items/welcome-screen-customisation-amp-qr-integration-kofax-controlsuite-unified-client-for-ricoh>

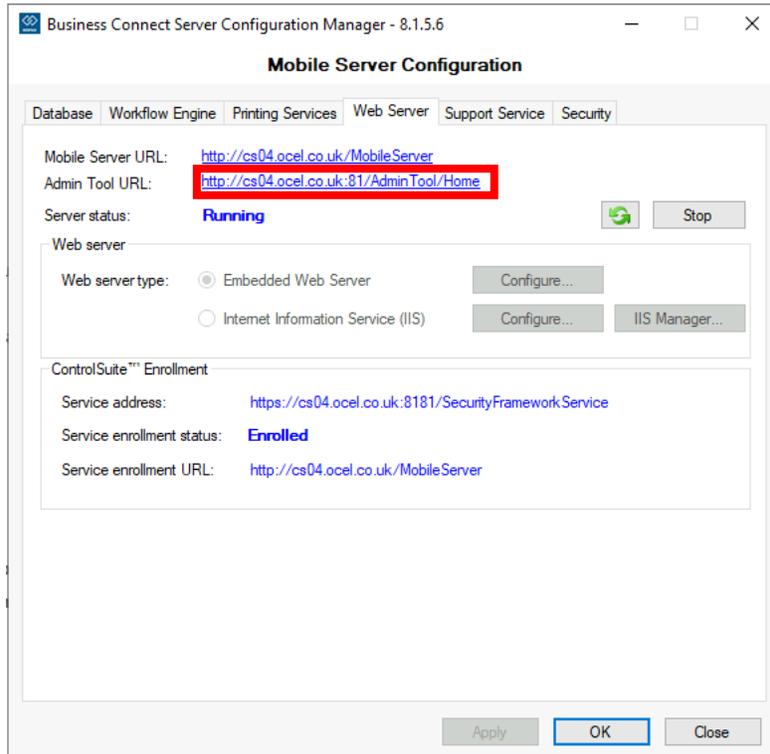
For more information around touchless printing with ControlSuite, please see - <https://www.kofaxdemocenter.com/items/touchless-print-release>

Contents

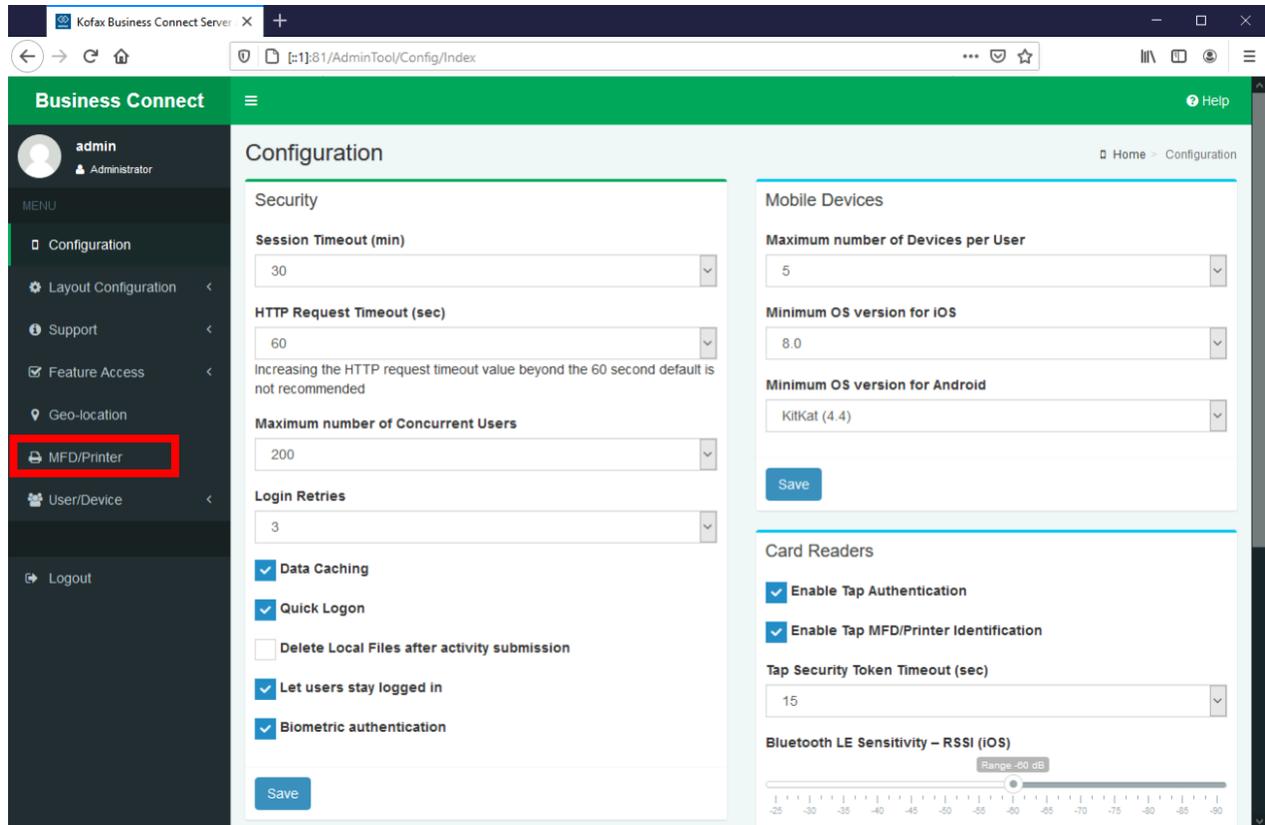
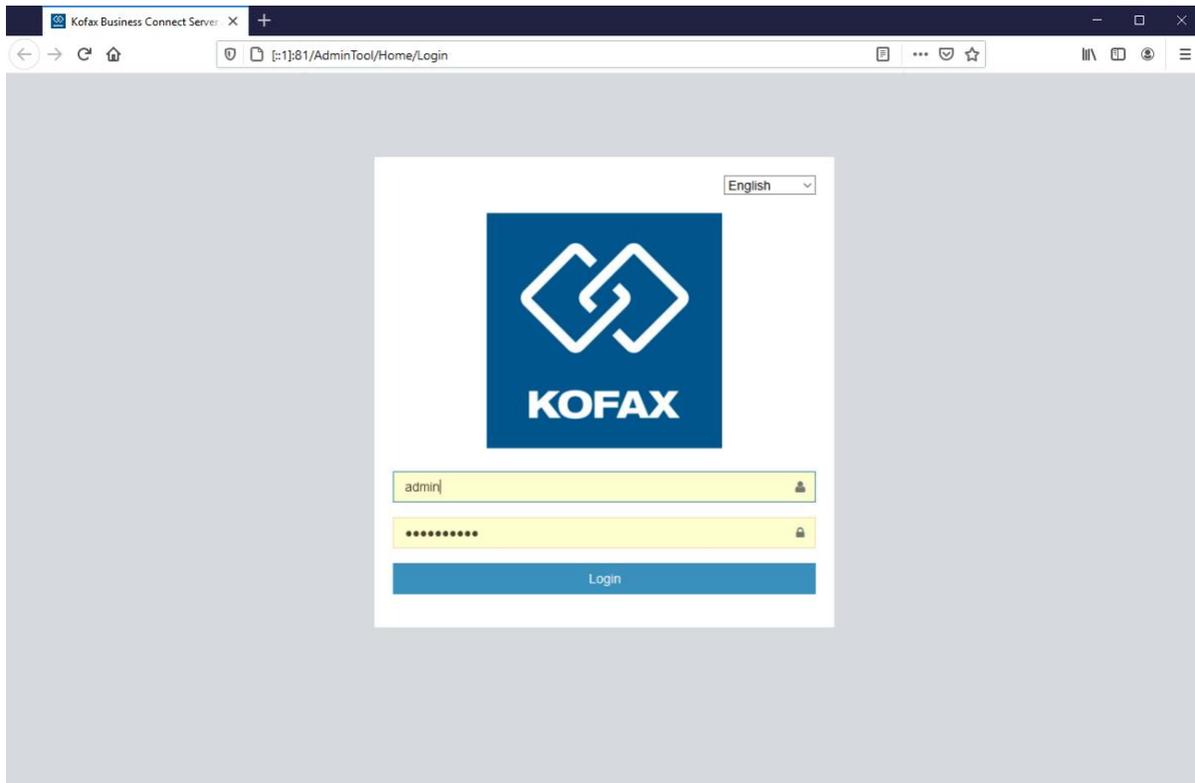
Overview	1
Pre-Requisites	1
Kofax Business Connect Configuration	2
Generating a QR Code.....	5
Configuring Kofax Device Registration System	6
Kofax Business Connect Mobile Application.....	11
Disclaimer	14

Kofax Business Connect Configuration

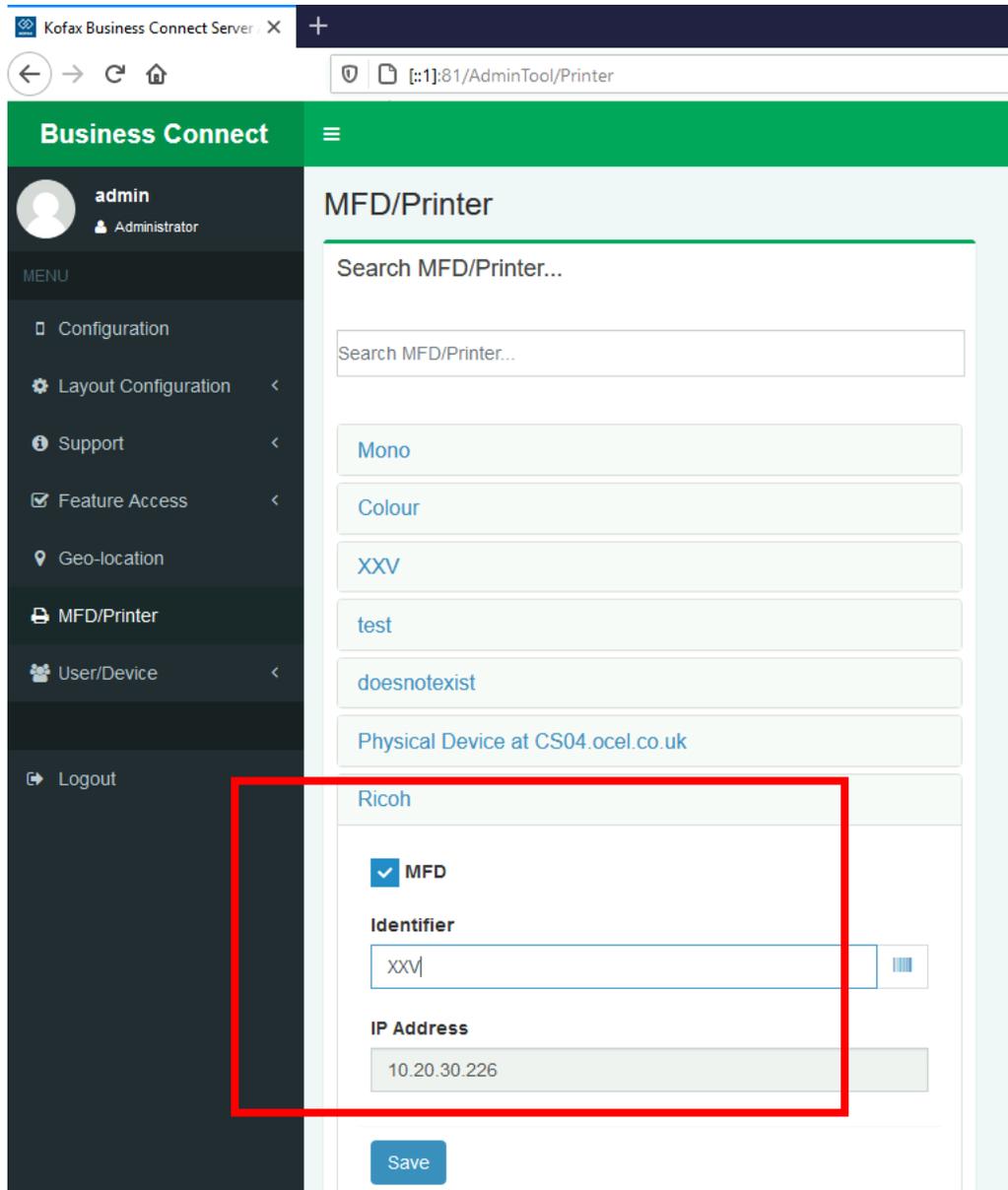
On the Kofax Business Connect Server, open the Business Connect Server Configuration Manager
Navigate to the Web Server tab, ensure the service is running, and click on the **Admin Tool URL**:



Login to the Business Connect Admin webpage, and select the **MFD/Printer** link.
(The default login is admin/admin – the password can be changed in Configuration Assistant)



Select the MFD you wish to setup a QR code for, enter a unique **Identifier**, and click Save:



This identifier corresponds with the text that QR code will represent.

This field is limited to 10 alphanumeric characters.

You may want to use the device serial, as it is unique per device.

Generating a QR Code

There are many free QR code generating websites available online - <https://www.the-qrcode-generator.com/> is an example.

Enter your unique identifier into the QR code generator site and generate the image.

The QR code below is generated based on my unique identifier of XXV:

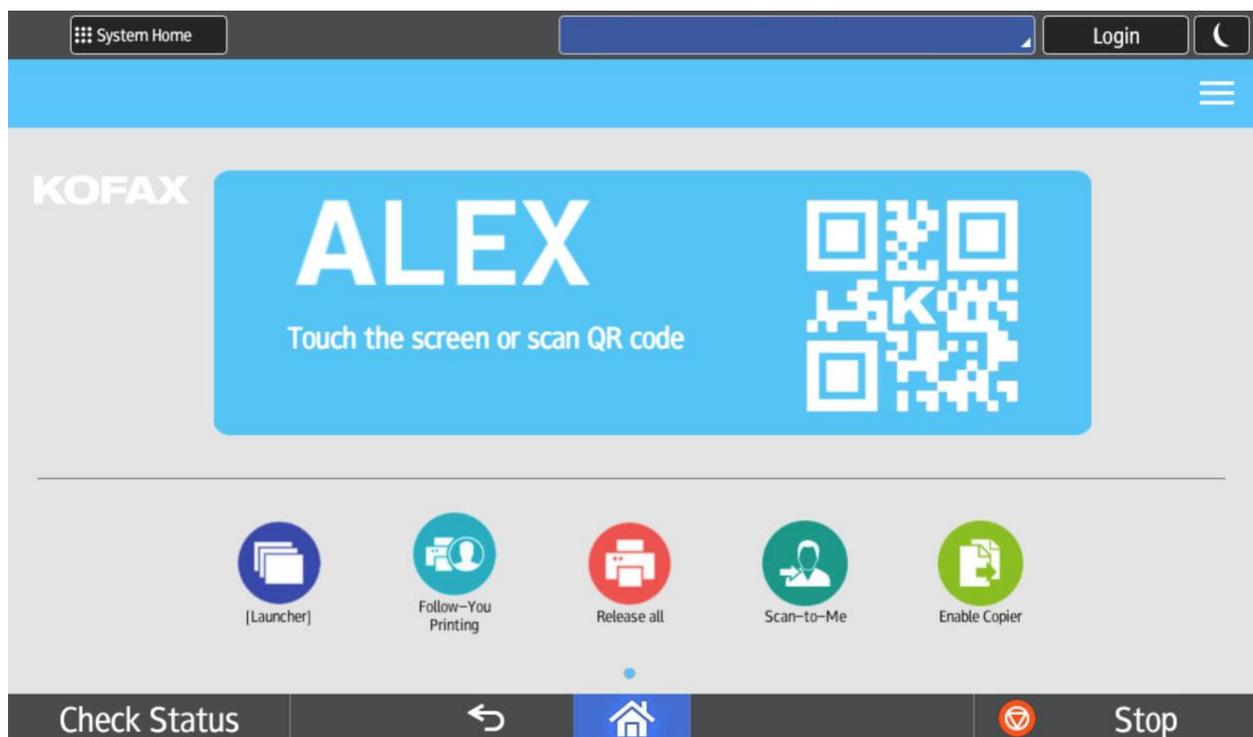


For best results, open the QR code in an image editor, and make the following changes:

- The image is in PNG format
- The image is 174 x 174 pixels
- The image has a transparent background

Other visual tweaks that have been added to the example below:

- Recolour the QR code to white to match other Ricoh UC visual elements
- Apply a small logo in the centre of the QR code – ensure this does not affect the reading of the QR code



Configuring Kofax Device Registration System

On the DRS server, open **Device Registration System Configuration**

Ensure the service is running, and click on the **Web Client URL**:

The screenshot shows the 'Device Registration System Configuration' dialog box with the 'Administration' tab selected. The 'Run Service under' section has 'Local System Account' selected. The 'Service Actions' section shows 'Startup Type' set to 'Automatic' and 'Status' as 'Service Running'. The 'Database Connection' section has 'Enable Local DB' checked. The 'Service Settings' section shows 'Service Port' as 8753, 'REST Service Port' as 8755, 'Client Port' as 9000, 'Access Group' as 'Everyone', and 'Web Client URL' as <http://CS04:9000/>. Buttons for 'Start', 'Stop', 'Restart', 'Help', 'OK', 'Cancel', and 'Apply' are visible.

Device Registration System Configuration

Service Security Administration

Run Service under

Local System Account

Network Account

Username:

Password:

Service Actions

Startup Type: Automatic

Action: Start Stop Restart

Status: Service Running

Database Connection

Enable Local DB

DRS Connection Properties...

Service Settings

Service Port: 8753

REST Service Port: 8755

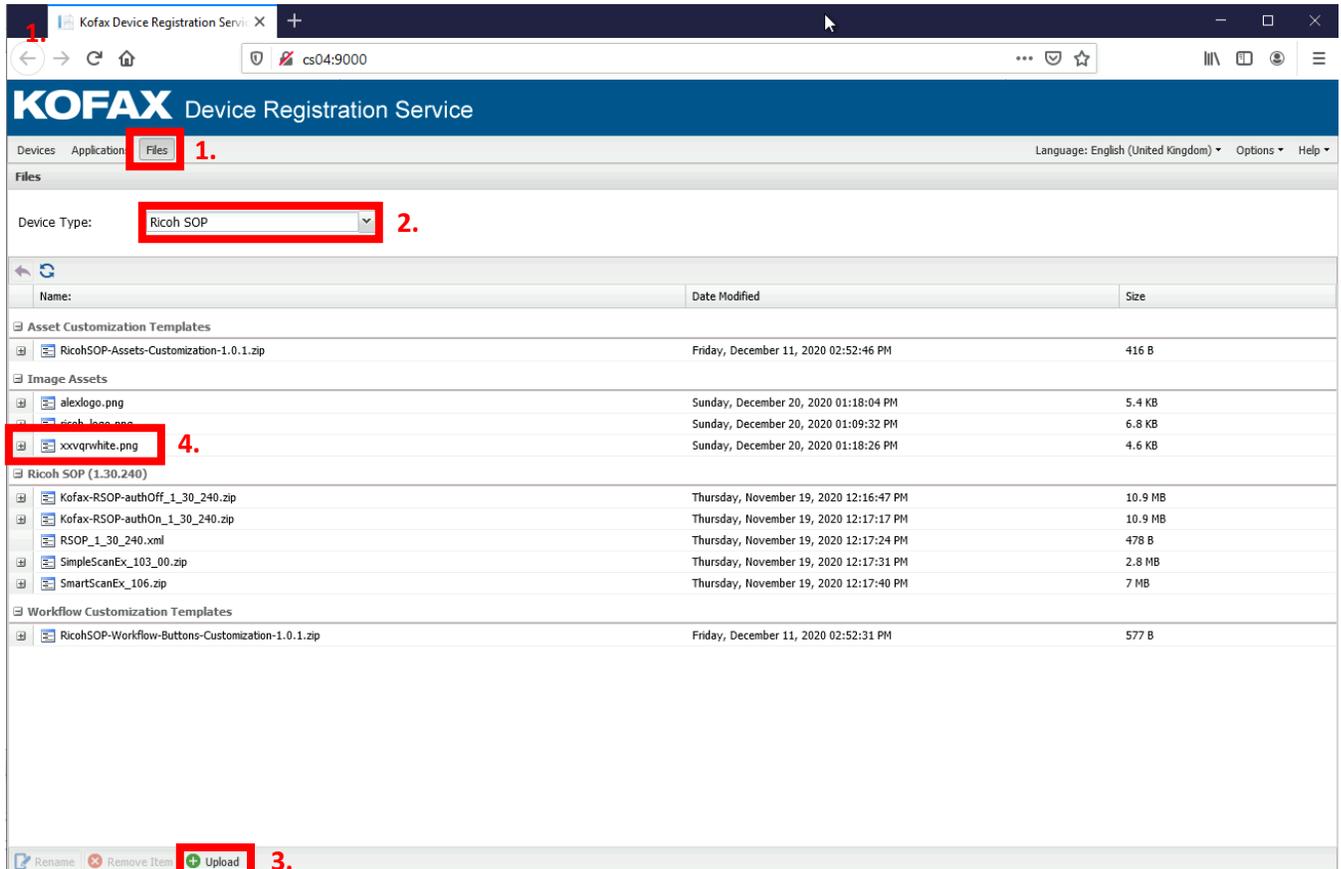
Client Port: 9000

Access Group: Everyone

Web Client URL: <http://CS04:9000/>

Help OK Cancel Apply

1. When the DRS webpage opens, click on the **Files** tab
2. Drop down **Device Type** tab, and select **Ricoh SOP**
3. Click on the **Upload** button, browse to your QR code image file and click **Save**
4. Once uploaded, the file should appear under **Image Assets**



To deploy the QR Code to the Ricoh MFP:

1. Click on the **Devices** tab
2. Select your Ricoh MFP in the **Devices** section
3. Edit the Ricoh device settings
4. Set **Customise Assets** to **True**
5. Drop down **Application Logo** and select your QR Code image
6. Click on the **Save** icon

The screenshot shows the Kofax Device Registration Service interface. The 'Devices' tab is selected. A table lists devices, with one Ricoh device highlighted. The configuration page for this device is shown, with various settings like MFP TLS, Enable Debug Log, and Application Package. The 'Customize Assets' checkbox is checked. The 'Application Logo' dropdown is open, showing a QR code image selected. The 'Save' icon is highlighted.

Name	Type	Address
RICOH	Ricoh SOP	10.20.30.226

Time	Action	Message	Status	Success	Device	Address	Return Co
Friday, January 22,...	Full Ins...	Successfully completed	Comple...	Yes	RICOH	10.20.30.226	0
Friday, January 22,...	Uninstall	Successfully completed	Comple...	Yes	RICOH	10.20.30.226	0
Friday, January 22,...	Reboot	Successfully completed	Comple...	Yes	RICOH	10.20.30.226	0
Friday, January 22,...	Config...	Successfully completed. Warning: Some configurations not set	Comple...	Yes	RICOH	10.20.30.226	1

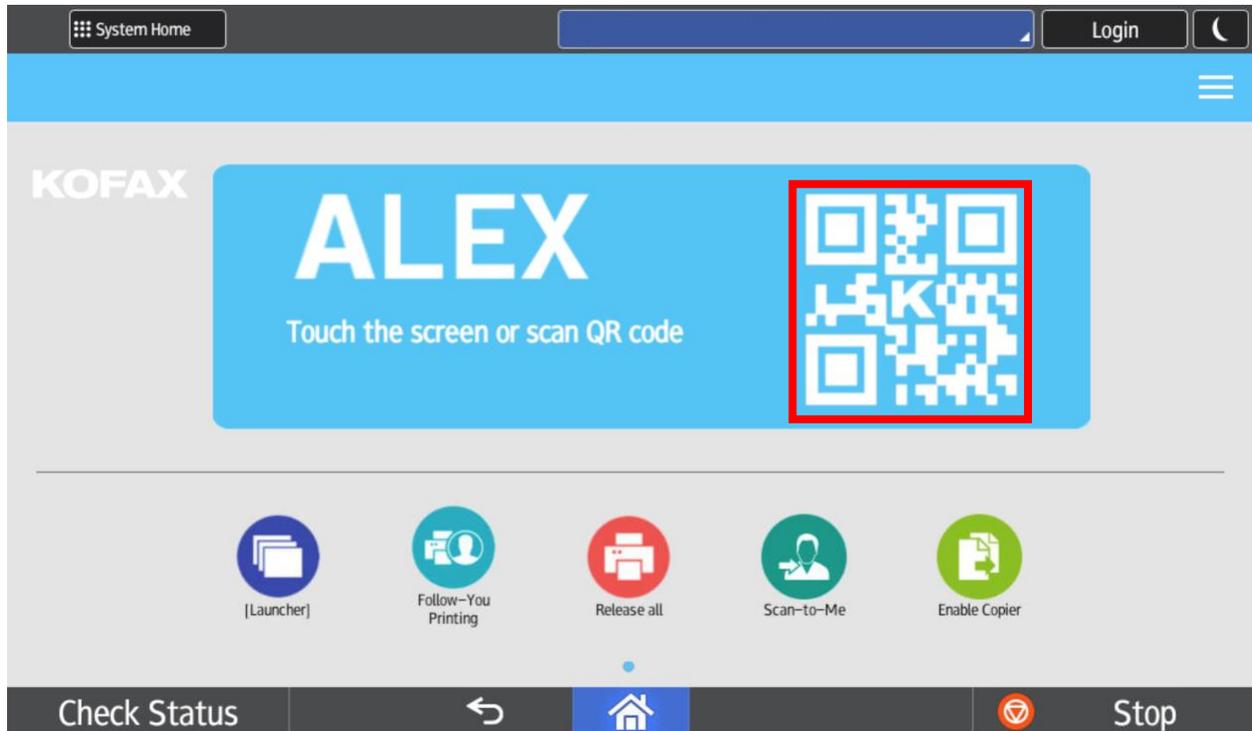
1. Once the QR code has been saved, drop down the **Select Action...** drop-down, and select Sync Assets
2. Click on the **Play** icon to send the QR Code asset to the device

The screenshot shows the Kofax Device Registration Service interface. The 'Details' view for a device is displayed. A red box labeled '1.' highlights the 'Select Action...' dropdown menu, which is open and shows the 'Sync Assets' option selected. Another red box labeled '2.' highlights the play button icon next to the dropdown. The 'Action History' table at the bottom shows a successful completion of the 'Sync Assets' action.

Time	Action	Message	Status	Success	Device	Address	Return Co
Friday, January 22, 2023 10:30:22	Full Ins...	Successfully completed	Comple...	Yes	RICOH	10.20.30.226	0
Friday, January 22, 2023 10:30:22	Uninstall	Successfully completed	Comple...	Yes	RICOH	10.20.30.226	0
Friday, January 22, 2023 10:30:22	Reboot	Successfully completed	Comple...	Yes	RICOH	10.20.30.226	0
Friday, January 22, 2023 10:30:22	Config...	Successfully completed. Warning: Some configurations not set	Comple...	Yes	RICOH	10.20.30.226	1

Once complete, you will receive a status message stating that **Sync Assets** has **Successfully completed**

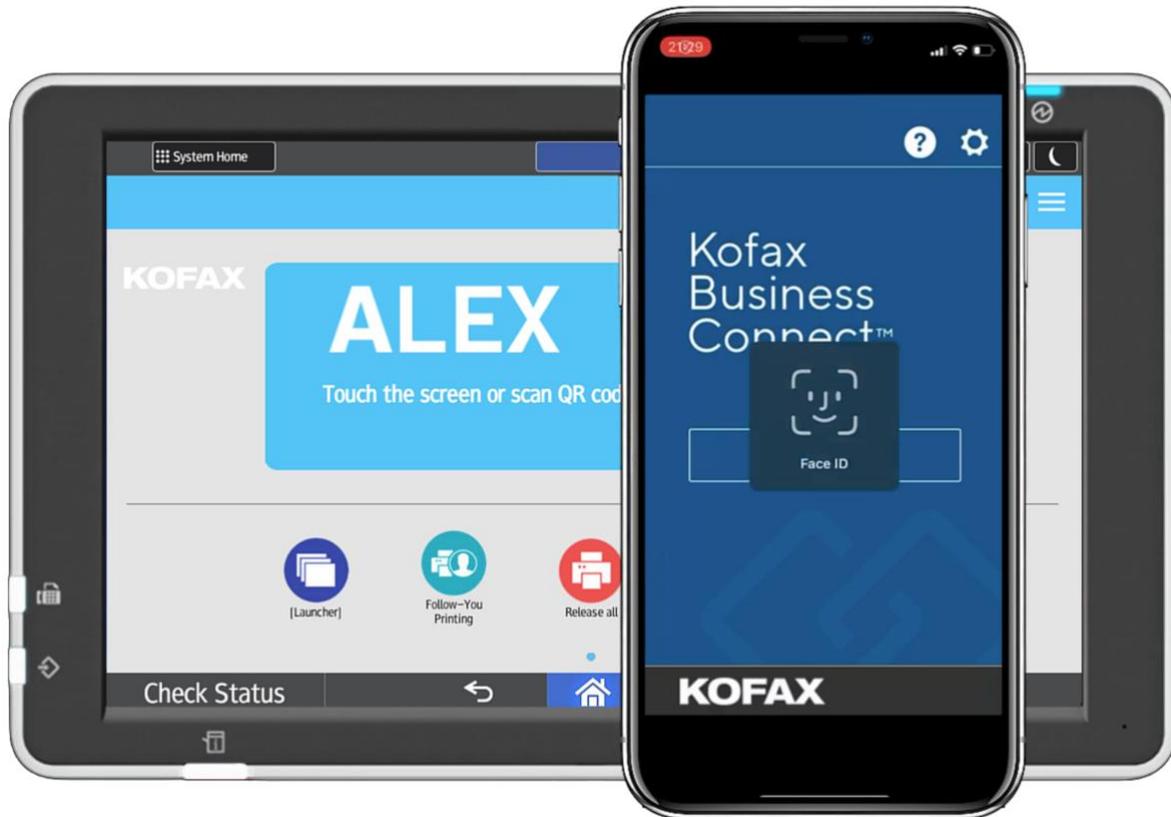
Your QR code should now appear on the walk-up screen of your Ricoh MFP:



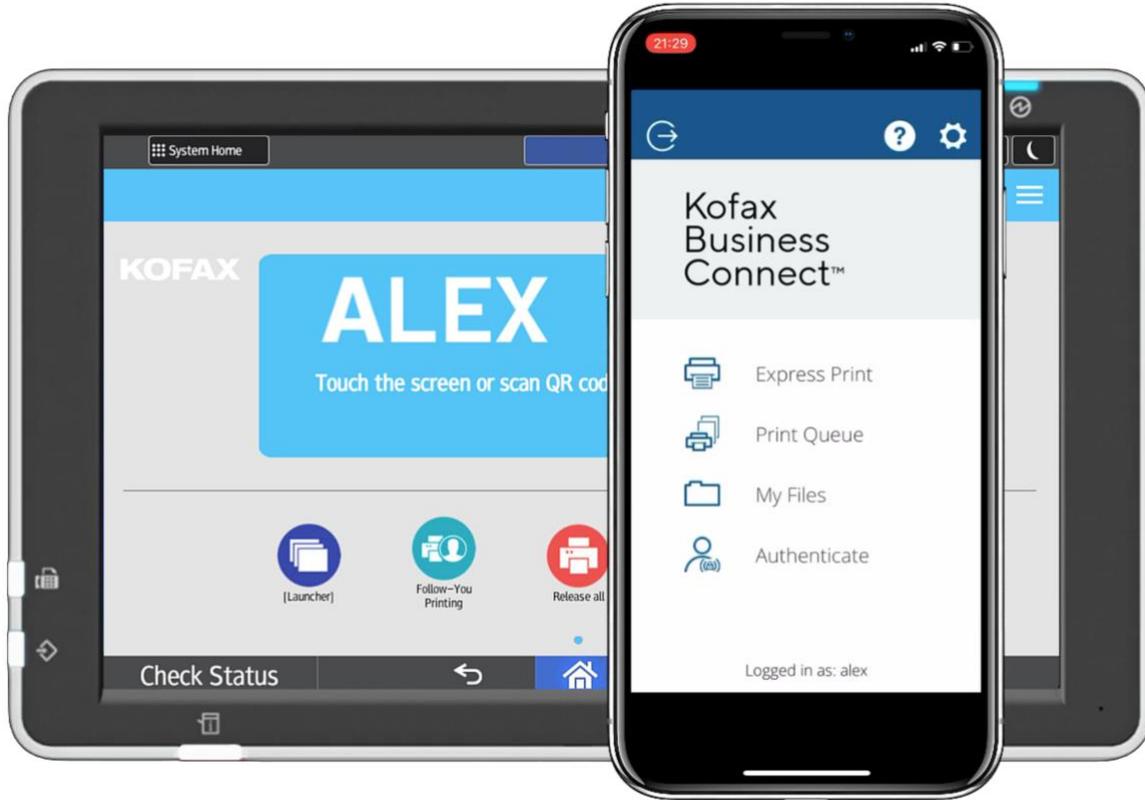
Kofax Business Connect Mobile Application

After sending print jobs to your Equitrac Follow-You secure print queue

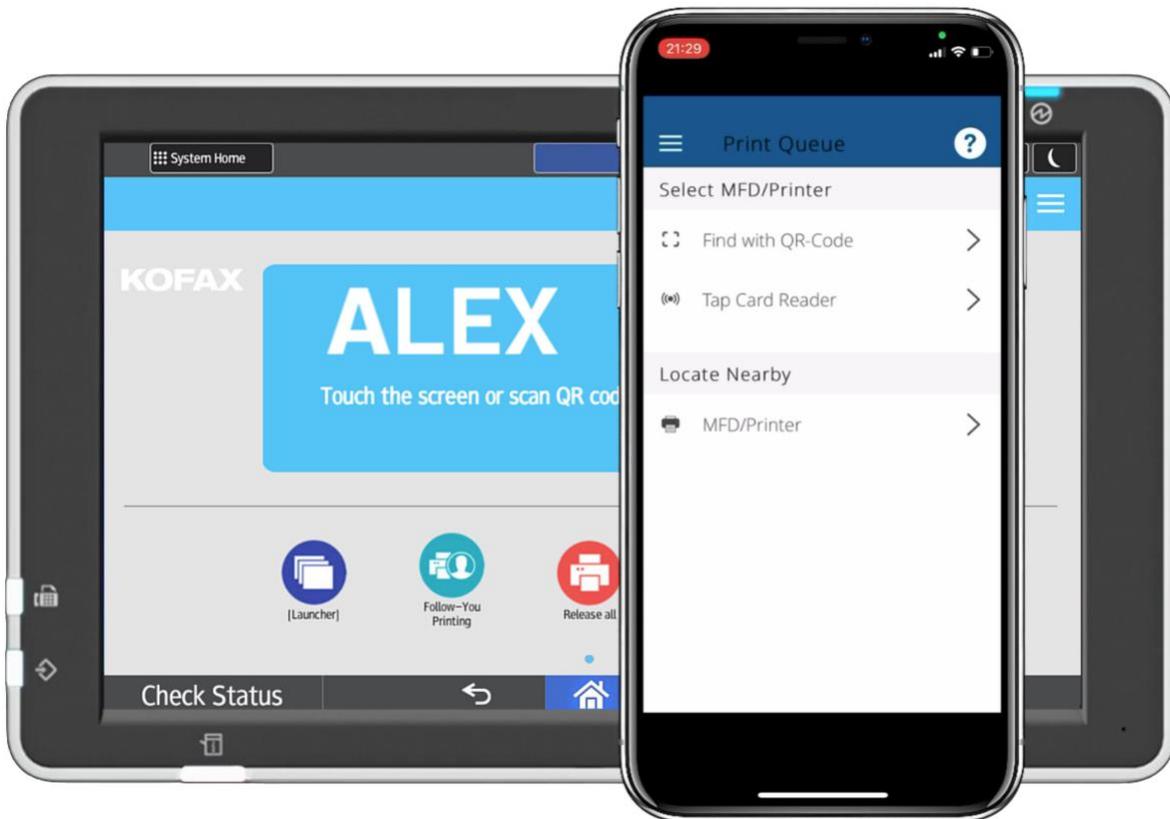
Open the KBC App and authenticate to login:



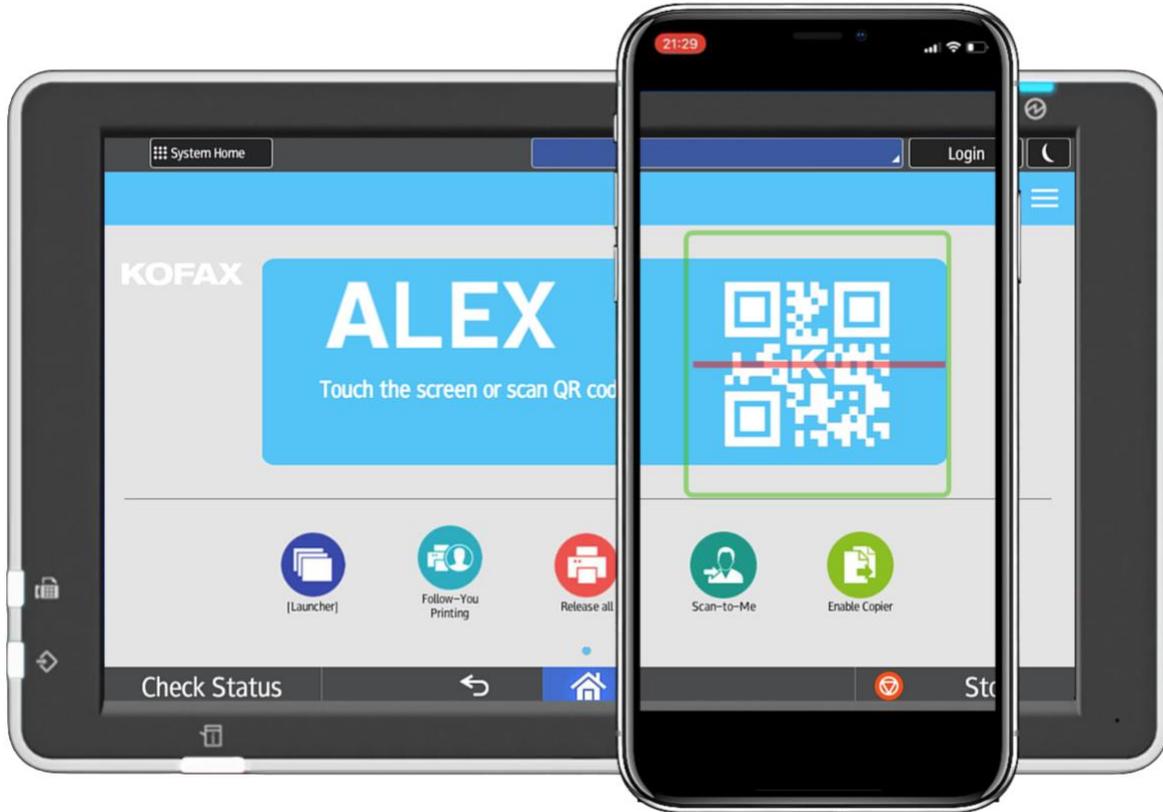
Select **Print Queue**:



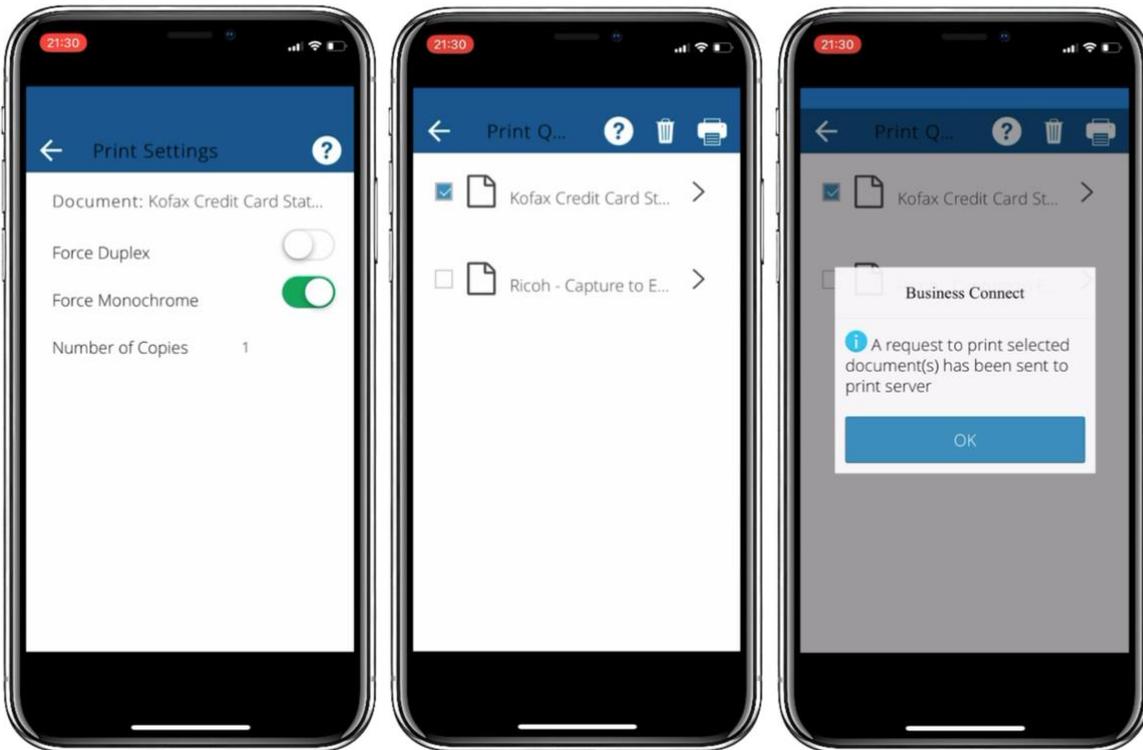
Select Find with **QR-Code**:



Scan the QR code on the panel of the MFP:



Select the print job(s) you would like to release, change print options or select the Print icon to release the job(s):



Disclaimer

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