

# **Kofax Mobile SDK**

2.0.1.1

## Release Notes



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# Release Notes

Please read these notes carefully because they contain information that is not included in the SDK documentation.

## Version Information

The Kofax Mobile SDK version can be found by looking in the `versions.txt` file that is included in delivered product.

## Revision History

Revision	Date of Change	Description
Kofax Mobile SDK 1.1.0	November 29, 2012	Initial Release.
Kofax Mobile SDK 1.2.0	March 31, 2013	Updated SPRs in the Known Issues and Resolved Issues Section.
	April 29-30, 2013	Added additional SPRs.
	May 7, 2013	Added additional SPR.
	June 12, 2013	Updated version information for release.
Kofax Mobile SDK 2.0	November 26, 2013	Added bug 283904.
Kofax Mobile SDK 2.0	January 6, 2014	Added bugs 306154 and 306152.
Kofax Mobile SDK 2.0	January 16, 2014	Minor changes to known issues list. Added bugs 30608 and 306611.
Kofax Mobile SDK 2.0	January 21, 2014	Added bugs 307418, 307433 and 307667.
Kofax Mobile SDK 2.0.1	February 10, 2014	Added reference to improved image processing performance.
Kofax Mobile SDK 2.0.1.1	March 19, 2014	Added Bug 316394 to resolved issues.

## Changes

This release includes the latest update to improve the image processing performance.

## Known Issues

This section contains information about potential problems that you could encounter while using the SDK. Workarounds are provided as applicable.

## BankRight: Unable to Capture Multiple Driver Licenses

Capturing the front of a driver license, selecting Use, and then navigating back to the Home screen will cause the app to crash if you immediately try to capture the next image. (Bug 307418)

Affected platforms and/or devices:

- iOS
- iPhone 4
- BankRight

**Workaround:** Don't navigate back to the Home screen between front and back images, or wait long enough to ensure that the first image has finished processing before going on to the next image. Since the processing time is variable, there is no easy way to know how long a wait is required.

## BankRight: Selecting Certain Bar Code Types

When scanning for bar codes on the back of a driver license, the app may occasionally inappropriately recognize Code 39 bar codes. When this happens, no data is returned from the bar code. (Bug 307667)

Affected platforms and/or devices:

- Android
- BankRight

**Workaround:** Place a finger, or some other object, on the Code 39 bar code, and capture the image. This will force the bar code engine to pick up the supported PDF417 code instead, if one is present. Alternatively, modify the BankRight Android source code to only search for PDF417 type bar codes.

## Pressing BankRight Back Button Causes Login Failure

If the Back button is repeatedly pressed immediately after the Check Deposit viewer screen appears, the app fails to log out of the server after returning to the Welcome screen. This makes it impossible to log in again. (Bug 307433)

Affected platforms and/or devices:

- Android
- BankRight

**Workaround:** Wait for at least five seconds before pressing the Back button. If you find you cannot log in, force quit the app and try again.

## Camera Feed Upside Down on Landscape Tablets

Some tablets (those which are designed such that landscape mode is the natural orientation) may exhibit a problem where the camera view appears inverted in the tablet screen. (Bug 306611)

This occurs when rapidly rotating the device 180 degrees one or more times.

Affected platforms and/or devices:

- Android
- Asus Transformer
- Galaxy Tab 10.1
- Nexus 10
- Possibly others

**Workaround:** When rotating the tablet, pause for a few moments every 90 degrees. Alternatively, disable the auto-rotate screen option.

## Asus Transformer Camera Feed not Centered

Asus Transformer tablets (which are designed such that landscape mode is the natural orientation) may exhibit a problem where the camera view appears off center in the tablet screen. (Bug 306608)

This is a known issue with the device firmware. To solve this problem ensure that your tablet has been upgraded to the most current version of the firmware.

Affected platforms and/or devices:

- Android
- Asus Transformer

**Workaround:** In Settings, turn off the auto-rotate screen option.

## Motorola MotoX Sensor Handling

There is a hardware compatibility issue for level detection when using the SKD ImageCaptureView class with the Motorola Moto X. When creating an App for this device, use the setMotionSensorType API method to bypass this compatibility issue. (Bug 293678)

Usage example:

```
((ImageCaptureView) preview).setMotionSensorType(MotionSensorType.RAW); // to force use raw sensors (accelerometer and magnetic sensors) for motion detect.
```

**Note** This API method is only supported for this device, do not use with other devices.

Affected platforms and/or devices:

- Android
- Motorola Moto X

## Low DPI Settings Not Supported

Setting a DPI below 30 is not supported. As a general rule of thumb, try to use a DPI value between 200 and 300. (Bug 306154, 306152)

Affected platforms and/or devices:

- Android
- iOS

App should include logic to confirm to enforce minimum DPI settings.

### **MICR Data Extracted From Image With No MICR Line**

MICR data is returned in metadata when processing an image without a MICR line. (Bug 283904)

Affected platforms and/or devices:

- Android

App should include logic to confirm that returned MICR data is valid.

### **Output Image is Always 200 DPI for Gray/Color Outputs**

The DPI of the output image is always displayed as 200 for color/gray outputs. However for bitonal outputs, the DPI of the output image is correctly shown as specified. (SPR00115567)

Affected platforms and/or devices:

- eVRS Library

### **SDK Does Not Report KFS Out of Disk Space**

KFS will reject new jobs when hard disk free space falls below a configurable limit. When the free space on the server falls below this limit, all devices connecting to KFS are supposed to report a server low disk space message at login, so that the end user will know that new jobs cannot be submitted. (SPR00115953)

Mobile devices currently do not report this message at login. Instead, the following error messages will appear when attempting to submit a job: "An error occurred submitting the case - Unknown transaction ID: [GUID]" or "Unknown transaction ID: [GUID] (Code 3)."

Affected platforms and/or devices:

- KMC Library

### **Image Processing Settings Are Lost When Re-entering the KMC Home Screen**

Anytime the KMC Home screen is entered it uses the settings from the Advanced Settings screen to refresh the image processing settings, overwriting the current settings. (SPR00114729)

This issue is restricted to the iOS sample application and is not an issue with the SDK library.

Affected platforms and/or devices:

- iOS and Android Sample Apps

### **Manual Crop and Rotate Fails to Save Edited Image**

The KMC layer includes an image edit feature, where you can manually crop and/or rotate a unprocessed or processed image. (SPR00114676)

After you edit and save the image, the library uses the original, not the edited one (crop and rotate changes are lost).

- Unprocessed color image: crop and rotate will work.



- Processed color or grayscale image: crop and rotate will work.
- Processed bitonal image: crop and rotate will **not** work.

Affected platforms and/or devices:

- iOS

**Workaround:** Use auto crop and or auto rotate, or do not use bitonal images.

## Cannot Recapture (Replace) Existing Images

If Image Processing is disabled when using the Recapture Image option while creating or editing a case, the new image is thrown away and does not replace the targeted existing image. Consequently, the document is unchanged. This is an issue on Android devices. (SPR00107967)

Affected platforms and/or devices:

- Android

**Workaround:** Make sure Image Processing is on, or delete the image before taking a new one.

## Resolved Issues

This section contains information about issues that have been resolved in prior releases of this product.

### Race Condition May Cause iPhones to Crash

A race-condition occurs during bar code capture when removing the bar code control from view. This most frequently causes the iPhone 4 with iOS 7.1 to crash. However, in rare instances, this may also be seen on newer iPhones and older versions of iOS. (Bug 316394)

Affected platforms and/or devices:

- iPhone
- iOS

### Unable to Select Certain Cases from Case List

If a personal shortcut has been configured in KFS 4.0.1, cases in the mobile application cannot be selected if they follow the personal shortcut in the list of cases. Also, that shortcut will be visible to all members of the same group. (SPR00116929)

Affected platforms and/or devices:

- iOS

### Review Image Screen Doesn't Appear when Review is ON

The Review Image screen doesn't appear even though Review is set to ON but Auto-processing and Quality Feedback are both OFF. (SPR00116621)

When auto-processing and image quality feedback are OFF and review image is ON, after selecting a document from the camera roll or after capturing a document from the camera

source, the review image is shown briefly and is then automatically dismissed without giving the user a chance to review the image.

Affected platforms and/or devices:

- iOS

### **“Use Kofax Server” Switch Blocks Custom URL**

This issue occurs when an application is launched using a custom URL and the "Use Kofax Server" setting is also "ON." Under these conditions, the application ignores the login credentials in the custom URL.(SPR00116376)

Affected platforms and/or devices:

- iOS KMC Library

### **In iOS, Multiple Deprecation Errors when Compiling for iPad2**

Developers are likely to see numerous deprecation errors when using XCode to compile the application for iPad2. These errors have no known impact on running the application and can be safely ignored.(SPR00115355)

Affected platforms and/or devices:

- iOS Sample Apps

### **Some Android Models May Have Imaging Issues**

In some cases, pictures taken with some Android phone models may have poor resolution. (SPR00112259, SPR00115464)

If you experienced such issues, they should be resolved now.

Affected platforms and/or devices:

- Android

### **Can't Rotate an Un-cropped Image**

The KMC library includes a manual edit feature, with a menu selection to crop and rotate an image from the thumbnail view. (SPR00114686)

When working with an un-cropped, un-processed image, rotation will not work. When attempting to rotate the image (in either direction), the application will appear to crop the image in half lengthwise (not expected) and the rotation will never occur. In fact, the original image remains uncropped and not rotated.

Affected platforms and/or devices:

- Android 4
- This issue has been confirmed on the following device: Samsung Galaxy S III