



## Overview

This document describes additional integration steps that must be followed for using the new Selfie and Document scanning workflow.

## SDK Summary

The table below provides details on SDK.

#	SDK	Version		Description
		Android	iOS	
1	BlockID SDK	1.8.30	1.8.30	Improved Live ID registration and verification with liveness check
2	Selfie Scanner	4.1	4.3.0	New SDK to scan Live ID (Selfie)
3	Document Scanner	5.2.1	5.6.0	New SDK to scan documents



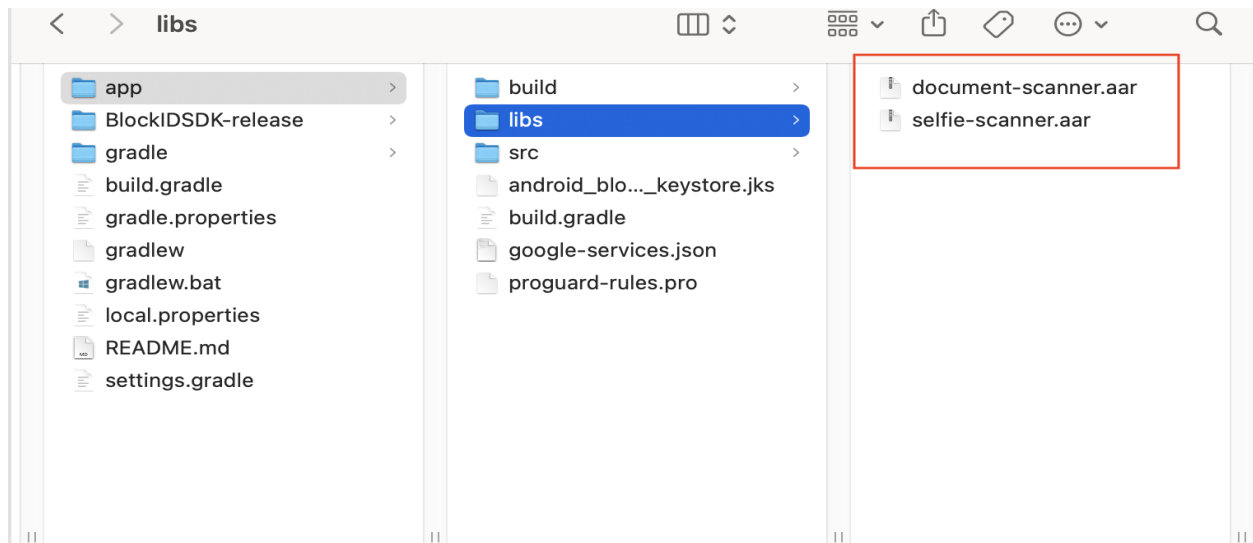
## License Key & Tenant Details

License Key		
1	BlockID SDK	d2be2bd0-91e7-4374-9594-843f770bfa6c
2	Document Scanner	AwEpN8bqpYsM38c19HW2T6/W8OuW+DxiMHlowro13y0 o3Td68zqWA4bkl15omB5c9AsDpB32QPm79nQoyrpPfU+ TBpHiwu9hL0Lp9J/vfGpaUz2GqEnBTcQs6uv4Xa84+iRM OyJ/nrExwwJBI9gRugVt
DVCID		
1	BlockID SDK	composecure_09e2a012-d0ac-4695-a909-0b4d54198c58
Tenant Detail		
1	Tag	1kosmos
2	Community	default
3	DNS	https://1k-pilot.1kosmos.net

## BlockID Demo Application - Android

### Add New SDKs

Add (Copy) Document Scanner and Selfie Scanner SDKs to **/app/libs**. Refer below screenshot.



### Dependencies - Gradle

<b>Project Level</b>
// Kotlin Dependency classpath "org.jetbrains.kotlin:kotlin-gradle-plugin:1.7.0"
<b>App Level</b>
// Add below dependencies implementation 'org.jetbrains.kotlinx:kotlinx-serialization-json:1.0.0' implementation 'org.jetbrains.kotlinx:kotlinx-coroutines-play-services:1.4.1' implementation 'androidx.camera:camera-core:1.1.0'

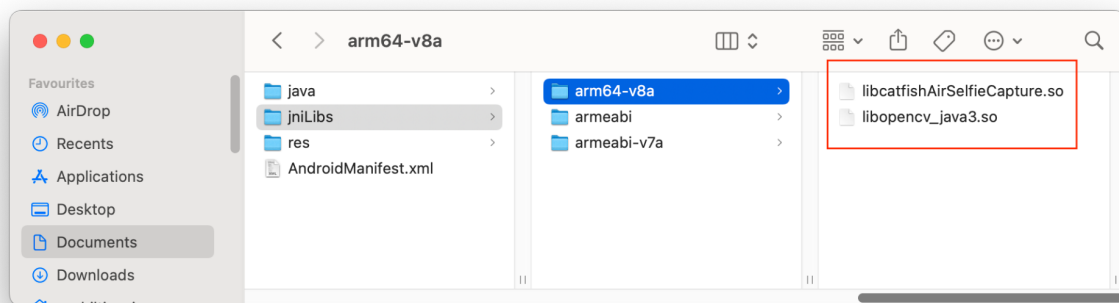
```
implementation 'androidx.camera:camera-extensions:1.2.0-alpha03'  
implementation 'androidx.window:window:1.1.0-alpha02'  
implementation 'org.apache.commons:commons-imaging:1.0-alpha2'  
  
// Selfie Scanner  
implementation files('libs/selfie-scanner.aar')  
  
// Document Scanner  
implementation files('libs/document-scanner.aar')
```

## Dependencies - jniLibs

The new Selfie Scanner requires below jniLibs to be added to application

- libcatfishAirSelfieCapture.so
- libopencv\_java3.so

The jniLibs should be added to **/app/src/main/jniLibs/**.





## Package Name

The application's package name must follow the pattern below. This is required to use the new document scanner license key.

**Package Name Pattern:** com.onekosmos.\*

## Classes

Below new classes are added.

### 1. Helpers

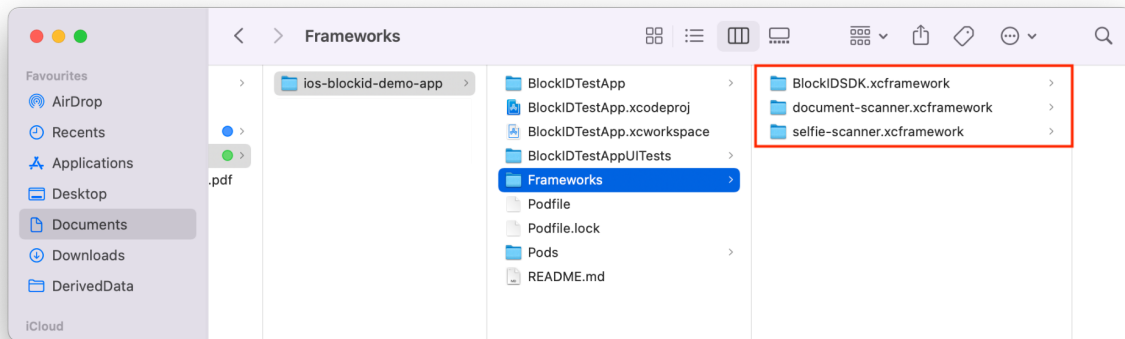
- a. DocumentScannerHelper (located at /util/scannerHelpers)
- b. SelfieScannerHelper (located at /util/scannerHelpers)
- c. VerifyDocumentHelper (located at /util)

### 2. Activity

- a. SelfieScannerActivity (located at /ui/liveID)
- b. DocumentScannerActivity (located at /ui/documentScanner)









## BlockID Demo Application - iOS

- Add (Copy) Document Scanner and Selfie Scanner SDKs. Refer below screenshot.



- Navigate to **Target -> General -> Framework, Libraries and Embedded Content** and add all the frameworks with **Embed & Sign** option

### Frameworks, Libraries, and Embedded Content

Name	Embed
 BlockIDSDK.xcframework	Embed & Sign ↕
 CryptoTokenKit.framework	Do Not Embed ↕
 document-scanner.xcframework	Embed & Sign ↕
 Pods_BlockIDTestApp.framework	Do Not Embed ↕
 SafariServices.framework	Do Not Embed ↕
 selfie-scanner.xcframework	Embed & Sign ↕
 Starscream	
 WalletConnect	
+ -	

- Add new document scanner license key to Application's Info.plist.

```
<key>DocumentScanLicenseKey</key>
<string>AwEpN8bqpYsM38c19HW2T6/W8OuW+DxiMHlowro13y0o3Td68zqWA4bkl1
5omB5c9AsDpB32QPm79nQoyrpPfU+TBpHiwu9hL0Lp9J/vfGpaUz2GqEnBTcQs6uv
4Xa84+iRMOyJ/nrExwwJBI9gRugVt</string>
```



## Bundle Identifier

The application's bundle identifier must follow the pattern below. This is required to use the new document scanner license key.

**Bundle Identifier Pattern:** com.onekosmos.\*

## Classes

Below new classes are added.

### 1. Helpers

- a. DocumentScannerHelper (located at /SupportingFiles/Utils/ScannerHelpers)
- b. SelfieScannerHelper (located at /SupportingFiles/Utils/ScannerHelpers)
- c. VerifyDocumentHelper (located at /SupportingFiles/Utils)

### 2. View Controllers

- a. SelfieScannerViewController (located at /Controller)
- b. DocumentScannerViewController (located at /Controller)