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+DxiMHlowro13y0o3Td68zqWA4bkl15omB5c9AsDpB32QPm79nQoyrpPfU+TBpHiwu9hL0Lp9J/vfGpaUz2GqEnBTcQs6uv4Xa84+iRMOyJ/nrExwwJBl9gRugVt
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

Note

The document scanner license key (given above) is specifically issued for 1Kosmos applications with BundleID (Package Name) prefix **com.onekosmos.***

In order to request a license key specific to your BundleID (Package Name), please contact 1Kosmos team.

BlockID Demo Application - Android

Add New SDKs

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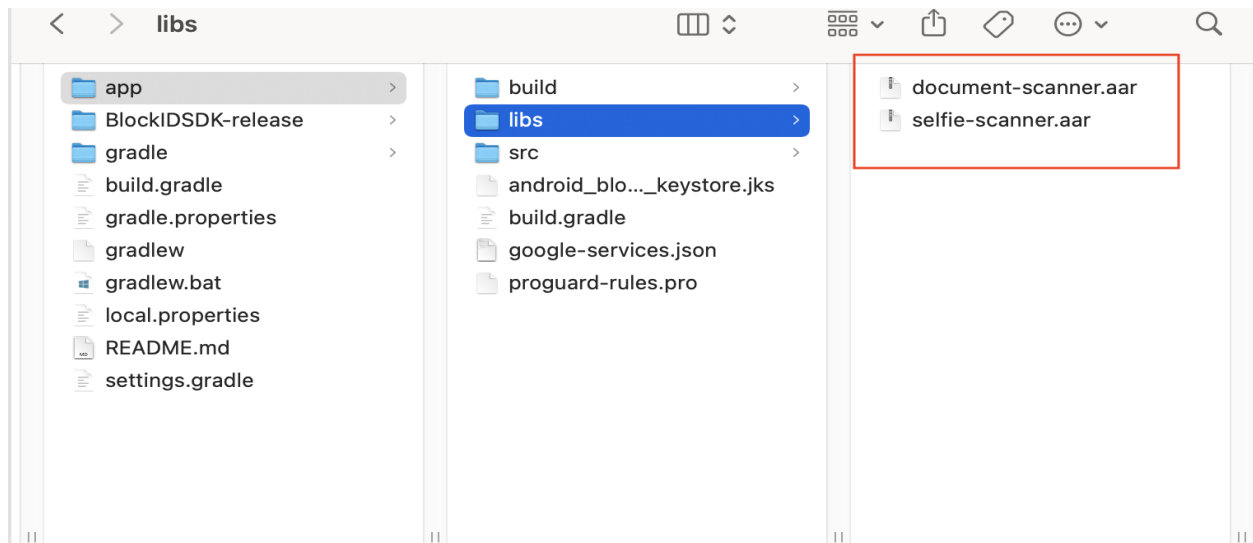
Dependencies - Gradle

Project Level
// Kotlin Dependency classpath "org.jetbrains.kotlin:kotlin-gradle-plugin:1.7.0"
App Level
// 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/**.
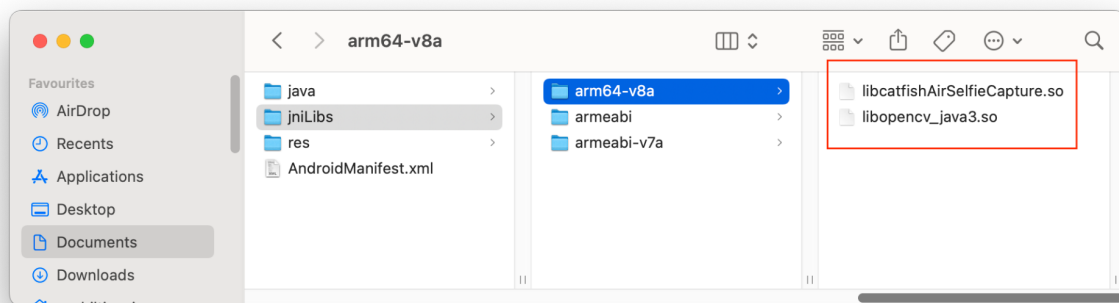
Classes

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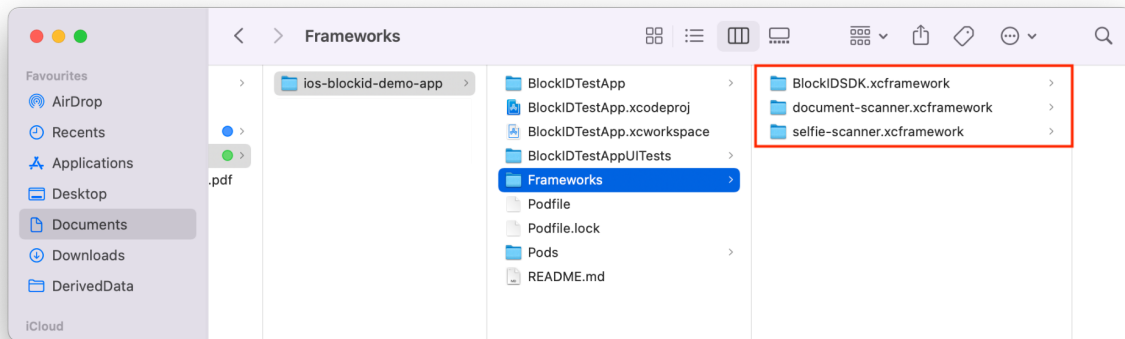
- Navigate to Target -> General -> Framework, Libraries and Embedded Content and add all the frameworks with Embed & Sign option

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

```
<key>DocumentScanLicenseKey</key>
<string>AwEpN8bqpYsM38c19HW2T6/W8OuW+DxiMHlowro13y0o3Td68zqWA4bkl1
5omB5c9AsDpB32QPm79nQoyrpPfU+TBpHiwu9hL0Lp9J/vfGpaUz2GqEnBTcQs6uv
4Xa84+iRMOyJ/nrExwwJBl9gRugVt</string>
```

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)