

## iOS SDK v11.5.1

- Resolved an issue where documents and MRZs can be detected even when they are in the wrong orientation (sideways) (MOBILE-958)
- Added support for EU identity cards and 3-line MRZs (MOBILE-1124)
- Added support for Xcode 12.5 (MOBILE-1262)
- Updated iProov to version 8.4.0 (MOBILE-1329)

## Important Information about upgrading from iOS SDK version 11.4.x to version 11.5.1+

To support xcode 12.5 the Acuant iOS SDK v11 is now being distributed via XCFramework files instead of Framework files. To work around a bug in swift several class names have changed, please see the following list, and update your implementations accordingly:

- `AcuantCameraOptions` -> `CameraOptions`
- `AcuantCameraMetaData` -> `CameraMetaData`
- `AcuantCameraTextView` -> `CameraTextView`
- `AcuantDocumentProcessing` -> `DocumentProcessing`
- `AcuantEchipReader` -> `EchipReader`
- `IAcuantEchipReader` -> `IEchipReader`
- `AcuantFaceCaptureController` -> `FaceCaptureController`
- `FaceAcuantCameraOptions` -> `FaceCameraOptions`
- `AcuantFaceMatch` -> `FaceMatch`
- `AcuantHGLiveness` -> `HGLiveness`
- `AcuantHGLivenessDelegate` -> `HGLivenessDelegate`
- `AcuantImagePreparation` -> `ImagePreparation`
- `AcuantImagePreparationPackage` -> `ImagePreparationPackage`
- `AcuantIPLiveness` -> `IPLiveness`
- `AcuantPassiveLiveness` -> `PassiveLiveness`
- `IAcuantPassiveLivenessService` -> `IPassiveLivenessService`
- `AcuantPassiveLivenessService` -> `PassiveLivenessService`

**IPLiveness** -- Users of **IPLiveness** must implement two new callbacks: `livenessTestConnecting()` and `livenessTestConnected()`. This will allow the user to display any desired form of connecting message and the IPLiveness UI will only appear when it is fully ready for capture. In addition, users of IPLiveness might need to review localization as some strings have changed.

## iOS SDK v11.4.0

- Added support for reading the MRZ (MOBILE-709)
- Refactored CocoaPods podspec (MOBILE-761)
- Added support for eChip detection and reading (MOBILE-765)
- Added support for Xcode 11.4 (MOBILE-889)
- Upgraded iProov to version 7.3.0 (MOBILE-889)
- Integrated Acuant Common Authorization Service (ACAS) with Ozone endpoint (MOBILE-910)
- Improved cropping accuracy and performance (MOBILE-923)

## Important Information about upgrading from iOS SDK version 11.3.x or earlier to version 11.4.x using CocoaPods

The Acuant iOS SDK v11 now has a minimum target of iOS 13.2. Each module has been divided into subpods.

- To use the entire SDK, add the parent pod [AcuantIOSSDKV11](#):

```
pod 'AcuantIOSSDKV11'
```

**Note** The minimum target is iOS 11 unless stated otherwise.

- To include a specific pod in the SDK:

<pre>pod 'AcuantIOSSDKV11/AcuantCamera'</pre>	
▪ Use document camera only	<pre>pod 'AcuantIOSSDKV11/AcuantCamera/Document'</pre>
▪ Use passport MRZ camera only	<pre>pod 'AcuantIOSSDKV11/AcuantCamera/Mrz'</pre>
▪ Import library in Swift	<pre>import AcuantIOSSDKV11</pre>
<pre>pod 'AcuantIOSSDKV11/AcuantImagePreparation'</pre>	
▪ Import library in Swift	<pre>import AcuantImagePreparation</pre>
<pre>pod 'AcuantIOSSDKV11/AcuantFaceCapture'</pre>	
▪ Import library in Swift	<pre>import AcuantFaceCapture</pre>
<pre>pod 'AcuantIOSSDKV11/AcuantEchipReader'</pre>	
<b>Note</b> The minimum target is iOS 13.2.	
▪ Import library in Swift	<pre>import AcuantEchipReader</pre>
<pre>pod 'AcuantIOSSDKV11/AcuantHGLiveness'</pre>	
▪ Import library in Swift	<pre>import AcuantHGLiveness</pre>
<pre>pod 'AcuantIOSSDKV11/AcuantIPLiveness'</pre>	
▪ Import library in Swift	<pre>import AcuantIPLiveness</pre>
<pre>pod 'AcuantIOSSDKV11/AcuantPassiveLiveness'</pre>	
▪ Import library in Swift	<pre>import AcuantPassiveLiveness</pre>
<pre>pod 'AcuantIOSSDKV11/AcuantDocumentProcessing'</pre>	
▪ Import library in Swift	<pre>import AcuantDocumentProcessing</pre>

## Additional notes

- Refactored the SDK initialization. You will need to pass in packages to the [AcuantInitializer](#) ([IAcuantInitializer](#)).
  - The package that can be initialized is [AcuantImagePreparation](#)
  - ([AcuantImagePreparationPackage](#)) and [AcuantEchipReader](#) ([AcuantEchipPackage](#))
- [AcuantCamera](#)
  - Added MRZ capture
  - Depends on iOS Tesseract
  - If you do not need the new MRZ capture, you can exclude adding the dependency and remove the “Mrz” directory from the [AcuantCamera](#) project
- [AcuantEchipReader](#)
  - Requires iOS 13.2
  - If you want to add the [AcuantEchipReader](#) to your project, you will need to upgrade your application target version to at least iOS 13.2
  - Remove “NFC Data Exchange” Item in entitlement file

Acuant iOS Mobile SDK  
Dependency Tree

