

Scandit SDK 5.7

New Features/Performance Improvements

- Added Micro QR symbology support.
- Added support for DotCode scanning on cigarette packages.
- Added support for inverted Aztec codes.
- Improved decoding of QR codes with damaged finder patterns.
- Improved decoding of low-contrast (e.g., black bars on red background) codes.

Bug Fixes/Software Updates in Scandit SDK 5.7.0 (unreleased)

All SDKs

- Improved location highlighting accuracy.
- Improved decoding of blurry Code 39 codes with a bar ratio of 1 to 2.
- Improved decoding of low contrast PDF417 and MicroPDF417 codes.

Android

- Improved scan case scanning capabilities.
- Added additional scan case settings methods specifically for Matrix Scan in downward facing mode.

iOS

- Fixed an issue that could cause a preview resolution change to take a very long time.
- Fixed an issue that could cause the torch button to not show up after switching camera.
- Added `SBSSymbologyFromString()` function to convert a symbology string to its corresponding symbology enum.
- The `switchCamera` property can be observed via the property observer.
- In Swift, `add(propertyObserver:)` and `remove(propertyObserver:)` have been renamed to `addPropertyObserver(_:)` and `removePropertyObserver(_:)` to compensate for weak type information.

Windows

- Added `LOCATIONS_ONLY` GUI style.

Cordova/PhoneGap

- Added `setTimeout()` function to `ScanCase`.
- Added `scanBeepEnabled()` function to `ScanCase`.
- Added `errorSoundEnabled()` function to `ScanCase`.
- Added `setMatrixScanHighlightingColor()` function to `ScanOverlay`.
- Improved `MatrixScan` performance by not serializing barcodes if the `didScan` callback is not defined.

Linux

- Removed the OpenMP dependency for x86 architectures to increase portability.

Titanium

- Introduced a new build for Titanium 7 on Android, it is identified with `titanium7` on the dashboard. The build for Titanium 6 remains, marked with `titanium6`, but is now only usable for Titanium 6.2+. Older versions of Titanium are no longer supported.