Authentic Vision SDK for iOS

Release Notes

The Authentic Vision SDK uses a versioning scheme that is somewhat aligned with semver, but we reserve to make breaking API changes that we know have no practical impact on our customers with minor releases.

The major version of the Authentic Vision SDK for iOS and Android is kept in sync. We bump it when we add significant new features and simultaneously make necessary breaking changes that affect a majority of our customers.

Minor release bring features, improvements, bugfixes, and API deprecations. The minor release number is not in sync between iOS and Android releases of our SDKs, which are developed independently.

Patch releases bring bugfixes only and are always free of backwards-incompatible API changes.

SDK 8.2.2 (2023-02-01)

- Fix CSS svh and lvh units in campaign pages (AVI-16363)
- Fix brief UI freeze when performing consecutive scans with one scan view controller instance
- Authentication improvements (libavcore 8.5.0)

SDK 8.2.1 (2023-01-24)

- Add an optional "powered by Authentic Vision" overlay to the scan screen, disabled by default, configurable via the `showPoweredBy` property of `AVKScanConfig`.
- Fix a rare crash when processing a server-issued error
- Authentication improvements (libavcore 8.4.2)

SDK 8.2.0 (2023-12-18)

- Make DocC-Markdown and PDF the default documentation format. The AV SDK documentation can now be imported into Xcode.
- Localize scan error messages. (AVI-16154)
- Localize SDK sample to SDK's supported languages.
- Fix inconsistent behavior of the connection indicator when repeatedly reconnecting to the scan service. (AVI-16016)
- Fix showing camera permission error after other controllers were moved in front of the scan view controller. (AVI-16084)
- Fix a minor memory leak where resources of the generic UX would not be freed after destroying the scan view controller. (AVI-16100)
- Remove deprecated classic UX. The custom cheque card UX remains available.
- Remove deprecated `labelType` scan config property, which was used only by the classic UX. (AVI-15796)
- Remove support for libavcore v6. Our new infrastructure is now generally available. (AVI-14444)
- Remove `AVKScanErrorServerMessageKey`. Server error messages are made available via `NSLocalizedFailureReasonErrorKey` instead, and are appended to an error's localized description. (AVI-16154)

- Remove using generated selector names for branding resource lookups via `AVKBrandingDelegate`. This was inefficient, and remained unused. Please use the methods documented in the `AVKBrandingDelegate` protocol and compare resource names instead.
- Remove default Authentic Vision scan logo. No logo is shown now when none is configured. (AVI-16215)
- Change display mode on iPads to default to a form sheet.
- Change the SDK sample to forbid device rotation on iPhones for cosmetic reasons.
- Change haptic feedback to use iOS standard haptics for success and error scenarios. (AVI-16119)
- Make libavas version information available via `AVKVersionInfo`.
- It is no longer necessary to reconfigure App Transport Security for the AV SDK.
- It is no longer necessary to check for availability of the attestation APIs. The respective method to check availability has been removed from `AVKCompatibility`. (AVI-16150)
- Build with Xcode 15.1
- Use libavcore 8.4.1 with libavas 2.0.0

SDK 8.1.3 (2023-10-11)

- Use libavcore 8.4.0
- Remove internal APIs `AVKVersionInfo.coreBuildHost()` and `AVKVersionInfo.coreThirdPartyLicenses()`

SDK 8.1.2 (2023-10-06)

- Add Xcode privacy manifest to describe the Authentic Vision SDK's use of iOS APIs. The location permission is not described because it is an optional feature. Please describe the location permission in your application's privacy manifest if enabled.
- Add endpoints API to `AVKScanConfig` for connecting to Authentic Vision's testing environment with public SDK builds.
- Add option to configure scan node failover per API key.
- Add additional resolver domains to ensure availability upon DNS provider failure.
- Fix animation glitch on scan completion when visual feedback is enabled with the modern UX.
- Fix crash on server-issued error in classic builds.
- Fix option to change scan screen fonts in public SDK builds. `AVKBranding` has become private with version 8, and `AVKScanConfig` now contains an equivalent setting.
- Fix order in which locale and branding options from `AVKScanConfig` are applied. Previously, they would be applied in the order in which they are assigned to `AVKScanConfig` objects. Intended and current behavior is to apply locale and branding settings when constructing an `AVKScanViewController` with an `AVKScanConfig` object.
- Fix or remove various references to private SDK APIs in the SDK's documentation.
- Fix scan assist in campaign scan mode after the first scan per `AVKScanViewController` instance.
- Use libavcore 8.3.1 with libavas 1.6.0

SDK 8.1.0 (2023-09-21)

- Build with Xcode 15
- Add scan result value `.other`, which indicates that the scan has completed, but no authentication information is available on the client.
- Add logging adapter for internal libavas library. The OS log, if enabled, will now receive messages on a new "libavas" layer.
- Use libavcore 8.3.0 with libavas 1.5.0
- Use "AVK" prefix for custom SDK bundle Info.plist entries
- Fix occasional camera exposure oscillation (AVI-14868)
- Fix bad performance and stuck scans during congestion on network or server (AVI-13201)
- Fix off-by-one in debug overlay's performance counters, which could show frame process rates over 100% for perfect scans.

- Reduce binary size by 15% from 15.1 MiB to 12.8 MiB. Total impact on app size is now approximately 14 MiB, with further improvements planned.
- Remove torch button from all scan interfaces. An active camera torch light is required for label authentication in all cases. (AVI-15965)
- Remove embedded debug overlay symbols and fetch them from iOS instead. These icons will not be displayed on iOS 12 anymore.

SDK 8.0.1 (2023-06-29)

- Fix erroneous nil scan result when scan view controller is dismissed early. No event is sent anymore on cancelation.
- Fix layer name being duplicated in log messages if OS logging is enabled
- Set location accuracy to 10m explicitly (if enabled). This reduces radio energy usage.
- Reduce SDK file count slightly by stripping debug profiles and controllers for release builds

SDK 8.0.0 (2023-05-31)

- Our new scan design is active by default. You may revert to old designs by changing the `design` property of `AVKScanConfig`.
- Remove deprecated APIs and properties.
- Remove `labelMedium` and related properties from `AVKScanConfig`. Please explicitly set a `design` instead.
- Remove `AVKScanConfig`'s `endpointConfig` property and `AVKEndpointConfig` from public API. The client now uses auto-selected endpoints and enforces TLS 1.3 by default. To migrate, please remove any code that accesses the endpoint config class or property.

SDK 7.5.2 (2023-05-16)

- Use libavcore 8.1.1 for distauth builds
- Use libavcore 6.5.1 for classic builds
- Internal UI refactoring in preparation for SDK 8.0.0

SDK 7.5.1 (2023-03-29)

- Use libavcore 8.1.0 for distauth builds
- Use libavcore 6.5.0 for classic builds

SDK 7.5.0 (2023-03-06)

- Add `AVKScanConfig.apiKey` as convenience alias to set an API key.
- Add API key support for classic builds
- Remove `AVKEndpointConfig.apiAppEditionID` field. An API key is now required for using the SDK.
- Use libavcore 6.4.5 for classic builds

SDK 7.4.3 (2023-02-12)

- Reduce list of embedded profiles and require explicit configuration for testing environment access
- Fix compatibility with Xcode's 3.2 compatibility mode, where Xcode will copy header and module information regardless of `REMOVE_HEADERS_FROM_EMBEDDED_BUNDLES`. The SDK will log a warning for improperly configured projects. We recommend raising Xcode's minimum compatibility level to 9.3 or later.

SDK 7.4.2 (2023-02-02)

- Internal changes to extend camera selection capabilities on iPhone 14 Pro (AVI-15233)

- Fix rare crash in classic authentication during exposure adjustment (AVI-6310)

SDK 7.4.1 (2023-01-31)

- Fix camera control remaining active erroneously when scan view controller was not visible, e.g. when a strong reference to it was retained after it was dismissed (AVI-15055)
- Reduce SDK size by recompressing assets
- Remove support for broken `automaticallyManagesScanSession` property of `AVKScanConfig`

SDK 7.4.0 (2023-01-23)

- Add support for iPhone 14 Pro (AVI-15224)
- Add support for ultra wide angle lens on iPhone 13 Pro
- Add option to change scan screen font via `AVKBranding.shared().fontFamily` (AVI-13193)
- Add `AVKScanConfig.default().prepareToScan()` call to speed up scan initialization. Please refer to the SDK sample for usage examples and limitations.
- Fix frame percentage value display in debug overlay view
- Reduce default log level to display warnings and errors only
- Rework camera permission error screen to display a popup instead of a static overlay. It is no longer recommended to ignore `AVKScanErrorCameraUnavailable`, otherwise the user will have to dismiss the scan view controller manually after dismissing the AV SDK's popup. This does not apply to you if your application has an explicit camera permission check prior to invoking the AV SDK. (AVI-15157)
- Use libavcore 8.0.5 for distauth builds

SDK 7.3.0 (2022-12-12)

- Add support for handling cross-scanning and other policy violation errors. Classic scans return policy violation errors as counterfeit scan result, distauth scans return an NSError object.
- Add printable description and server error message to SDK's NSError objects
- Add API for creating scan view controller and return an error on failure. The old API is still available, but will not return initialization errors. Instead, the scan will fail. The SDK sample has been updated to use the new API.
- Add scan validation API v2 support (AVI-14235)
- Add copy to clipboard feature to SDK sample app
- Add raw DM/QR code contents to scan result for distauth (AVI-15048)
- Add additional error codes for internal refactoring
- Add customization of SDK default font via `AVKBranding` (AVI-13193)
- Fix videos not autoplaying in campaign view (AVI-14707)
- Use libavcore 6.4.3 for classic builds
- Use libavcore 8.0.3 for distauth builds

SDK 7.2.0 (2022-08-17)

- Add validation of SDK bundle and version integrity (AVI-14695)
- Add modern UI prototype options and internal scan view overlay system
- Add raw DM/QR code contents to scan result for classic authentication (AVI-13899)
- Fix setting SLID in `AVKScanResult` for distauth scans
- Build with Xcode 14
- Remove Bitcode from build after deprecation with Xcode 14

SDK 7.1.6 (2022-11-07)

- Add raw code type/text API for classic SDK
- Add cross-scanning error code for distauth SDK
- Fix SLID in distauth scan result

- Fix UI glitch where Storyboard placeholders would be visible immediately after scan VC is shown
- Fix table row color glitch in SDK sample code
- Use libavcore 6.4.3 for classic builds
- Support upcoming backend changes for app update pages
- Remove Bitcode from build after deprecation with Xcode 14

SDK 7.1.5 (2022-08-18)

- Backport: Fix videos not autoplaying in campaign view (AVI-14707)

SDK 7.1.4 (2022-07-14)

- Fix a rare crash during classic authentication session restart (AVI-14479)

SDK 7.1.3 (2022-06-15)

- Add auto-configuration of classic SDK for classic authentication
- Fix a crash when scanning a distauth label in classic authentication mode with core 6 (AVI-14466)
- Fix SDK sample's ATS policy and document required ATS values
- Fix SDK sample's unrecoverable error popup to be dismissable

SDK 7.1.2 (2022-05-30)

- Fix rare camera preview freeze after switching apps rapidly or waking the phone from standby while a scan is running (AVI-13971)
- Fix an issue where the torch state was not restored after iOS passed camera control to another application (AVI-13526)
- Fix a rare crash during classic authentication session shutdown (AVI-14394)

SDK 7.1.1 (2022-05-20)

- Fix a rare crash caused by improper synchronization of inbound network packets and core finalization (AVI-14326)
- Use libavcore 6.4.2 for classic builds to fix a rare crash during handling concurrent scan events (AVI-14332)

SDK 7.1.0 (2022-04-05)

- Add support for "country" field to incident report form (AVI-13879)
- Fix an issue of the scan screen in classic mode where more than one counterfeit animation could be played (AVI-13706)
- Use libavcore 6.4.1 for classic builds to support upcoming backend changes (AVI-13858)
- Rework private localization API used by the Authentic Vision App framework, includes minor SDK localization changes

SDK 7.0.8 (2021-12-16)

- Add variable optical zoom to account for the iPhone 13 wide-angle camera's minimum focus distance
- Fix incident report form configuration in distauth builds with the default campaign flow controller
- Remove manual camera zoom factor setting

SDK 7.0.7 (2021-11-02)

- Update German translation for cheque card UI's "move closer" instruction

SDK 7.0.6 (2021-10-08)

- Add `AVKCompatibility` class for validation of device compatibility before a scan is started
- Add `TorchOn` and `TorchOff` images to branding table
- Improve camera diagnostics
- The Swift sample application is now compatible with iOS 12

SDK 7.0.5 (2021-09-09)

- Add `locale` key to `AVKScanConfig` for overriding per-scan locale/language
- Add `labelMedium` property to `AVKScanConfig`, enables configuring use case specific animations/instructions
- Rename `labelScannerType` to `labelType` (old property available but marked deprecated)
- Rename `labelOrientation` to `labelLayout` (old property available but marked deprecated)
- Authentication improvements (libavcore 7.0.5)
  - Support labels applied to dark and reflective surfaces

SDK 7.0.3 (2021-07-14)

- Add configurable logging to redirect SDK debug messages
- Add compatibility for building against libavcore 6.4.0 (internal)
- Add install ID and session ID to `AVKScanViewController` debug overlay
- Fix animation hitch in `AVKScanViewController`'s overlay when a scan was completed
- Authentication improvements (libavcore 7.0.3)

SDK 7.0.2 (2021-06-23)

- Add AVAS API keys as primary authentication method
- Fix incident report would show a blank table
- Fix crash when scan was canceled during TLS connection setup (libavas 1.0.0)
- Remove `AVKVersionInfo.coreVersionAndCodename()`, please use `.coreVersion()` instead
- Authentication improvements (libavcore 7.0.2)

SDK 7.0.0 (2021-05-17)

- Add support for Distributed Authentication ("distauth"), an authentication model for AV labels with untrusted clients.
- There no longer is a limitation of one active scan view controller per process.
- Make location data collection configurable via `AVKScanConfig.default().includeGeoLocationData`
- Minor breaking API changes:
  1. `AVKGlobalConfig`, and `AVKScanViewControllerConfig` were merged into `AVKScanConfig`. A singleton global `AVKScanConfig` is copied into `AVKScanViewController`'s config when the scan view controller is instantiated. **Migration:** Replace all instances of `AVKGlobalConfig.shared()` by `AVKScanConfig.default()`.
  2. `AVKSecurityPolicy` and global endpoint selection are now available through the `endpointConfig` variable of `AVKScanConfig`. Member variable names are unchanged.
  3. `AVKBundle` and `AVKCoreLib` were merged into `AVKVersionInfo`. **Migration:** Replace `AVKCoreLib` by `AVKVersionInfo`. Replace `AVKBundle.version` by `AVKVersionInfo.sdkVersion`.
  4. The global app store URL is now an instance property of `AVKCampaignScanFlow`.
  5. `AVKScanCampaignActionOpenYouTube` was removed without replacement.
- Authentication improvements (libavcore 7.0.1)

SDK 6.1.0 (2021-02-24)

- Ship SDK as XCFramework for Apple iOS and the iOS simulator

- Add AVAS endpoint editor debugging tool
- Authentication improvements (libavcore 6.4.0)

Migration note: Xcode 11 or later is required. Please remove the previous `.framework` from your Xcode project by deleting it from the frameworks list and removing its it from your app's build steps. Please also remove the "Thin Frameworks" phase – it is a workaround that is no longer required. Follow the standard installation instructions afterwards.

SDK 6.0.0.2 (2020-07-15)

- Add warning to SDK sample app to indicate where an API key or app edition ID must be set
- Authentication improvements (libavcore 6.3.0)

SDK 6.0.0 (2020-07-14)

Initial SDK release, factored out of CheckIfReal 5.X with the following changes:

- Add branding framework
- Add option to limit AVAS communication protocol through security policies
- Modernize UI and support iOS 13+ dark mode
- Requires iOS 12 or later (iPhone 6S or later)