VERIDIUM
TRUSTED DIGITAL IDENTITY

>>> DATASHEET

SDK
Software Development Kit

SOFTWARE DEVELOPMENT KIT

Veridium provide a number of options for authenticators for customers, allowing the appropriate authenticator to be applied to specific use cases. Veridium believe the strongest authenticator is delivered through a mobile centric workflow, providing strong Mutli-Factor authentication using an individual's mobile device.

For mobile centric authentication, a user requires a mobile application installed on a device. Veridium have developed an application and distribute this via the Apple AppStore and Google PlayStore, to allow organisations to rapidly on-board users and deliver modern, password-less authentication using VeridiumID application delivered from public app stores. However, some organisations look to deliver bespoke solutions to their users and require customised mobile applications to deliver specific workflows or custom branding that are not covered with the store delivered mobile application.

For these scenario's, Veridium can deliver a mobile SDK (Software Development Kit) for both Android and iOS platforms, to allow organisations to build custom applications incorporating Veridium capability into their mobile applications. The SDK adds biometric authentication capability and exposes high level API's to VeridiumID server platform, providing a simple framework for developers to include Veridium capability into existing or new mobile applications.

PREREQUISITES
In order to function properly, the following requirements are needed:

iOS	• **Operating System:** 9.0 and above • **Programming Language:** Swift or Objective-C • **Hardware Sensors:** Depending on the capabilities of the phone the SDK will use local biometries such as TouchID or FaceID. • For the VeridiumID proprietary 4F biometry back camera permission is required
ANDROID	• **Operating System:** 4.4.4 (API 19) and above • **Programming Language:** Java 8 or Kotlin • **Hardware Sensors:** Depending on the capabilities of the phone the SDK will use local biometries like Fingerprint or Face recognition • For the VeridiumID proprietary 4F biometry back camera permission is required

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