



Veridium 4 Fingers Export SDK

Veridium's 4 Fingers Export is a mobile contactless fingerprint capture solution that simplifies identity verification for governments, law enforcement, financial institutions and healthcare providers.

Instant Identity Verification

Immediately validate identities by capturing fingerprints on a smartphone without the need for additional hardware or sensors, then quickly match to images within legacy fingerprint databases. Provide your customers convenience at a lower cost than using hardware scanners. 4 Fingers Export can match against legacy fingerprint databases including AFIS, Mexico INE, Interpol, Eurodac, IDENT1, Aadhaar, RENIAC and more. Meet Know Your Customer(KYC) regulations and reduce fraud with reliable fingerprint matching,

Key Features and Benefits

Seamless Integration

Integrates with your mobile app for complete customization.

Low Cost

Requires no additional hardware other than user's smartphone, providing a low-cost solution for any businesses.

Device Compatibility

Compatible with iOS and Android devices, even those without a built-in fingerprint sensor.

Legacy Database Compatibility

Compatible with a variety of legacy databases including RENIAC, and any database collected using touch-based fingerprint scanners.

Scalability and performance

Scales easily while performing capture and export in 5 seconds or less.

Liveness Detection

Uses proprietary liveness detection to distinguish between a real person or a presentation attack.

Technical Specifications for Veridium 4F Export SDK

Minimum Device Specifications

CAMERA

5MP camera w/ LED flash

OPERATING SYSTEM

Android 4.1 or later

iOS 9 or later

Capture Specification

500 DPI resolution

~3 second image capture time

~6 inch capture distance

+/- 1 inch finger positioning tolerance (X,Y,Z)

Modes: 4, 5, 8, and 10 finger modes

Performance: 1-1 Verification

- False Rejection Rate (FRR) of <1.0% with a
- False Acceptance Rate (FAR) of 0.01%

Export Formats

- VeridiumID TouchlessFP
- ANSI/NIST-ITL 1-2007
- ANSI/NIST-ITL – INTERPOL
- ISO/IEC19794-4, 2005
- RAW & PNG images in greyscale(8-bit)
- WSQ (customizable compression rate)
- NFIQ quality score can be provided
- Other standard formats considered via customer request

Performance: 1-n Identification*

- FRR of ~3% at
FAR of 1 in a Million (per hand), and
FAR of >1 in a billion (both hands)

* Results produced using Commercial-Off-The-Shelf (COTS) legacy matcher

VERIDIUM

REQUEST A DEMO

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