V-OS BIOMETRIC IDENTITIES

Robust Biometrics on mobile with V-Key

V-KEY

Simple and Accurate Onboarding of Digital Identities

As companies look to deliver more services digitally, many apps on the mobile platform now allow new users to register and create new accounts. To prevent Identity fraud, this process must be thorough yet simple in order to register and verify these identities.

V-Key's V-OS Biometric Identity is a solution family that combines a quick and accurate on-boarding process (V-OS eKYC) matched with robust and instant face biometric authentication (V-OS Biometrics) for future authentication.

In the rush to digitise new services, business are essentially focused on acquiring new customers as quickly as possible. In the haste to deliver a great user experience, sometimes shortcuts can lead to security flaws. The V-OS Biometric Identity SDK ensures integrity in this process and is built on the V-OS Virtual Secure Element, which provides the highest grade of cybersecurity protection.
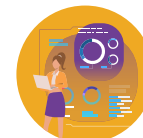
Compliance with quality requirements defined by ISO/IEC 19794-standards and ICAO (International Civil Aviation Organization) standards makes it ideal for the verification of e-passports and e-ID cards.

Accurate face detection

500 ms
Authentication completed in less than 500 milliseconds

Swift template extraction and matching

V-OS eKYC

In today's digital-first economy, a quick and accurate mobile Know Your Customer (KYC) capability is essential in delivering a meaningful customer experience to build trusted relationships. V-OS eKYC offers complete remote identity registration, verification and management for digital banks, financial apps and other digital services companies for client acquisition on mobile phones. Simplify and expedite the identification verification and onboarding process across new account openings, managing sensitive or high-risk transactions, and AML/KYC compliance requirements.

ABOUT V-KEY

V-Key is a software-based digital security company whose technology powers solutions that deliver the highest level of defence and control for digital identity, user authentication, access and authorization without compromising user experience.

It is trusted by government, banking and mega-app clients across the region to connect people, organizations, and devices everywhere to secure the global digital economy.

V-KEY'S MISSION

To provide a secure Universal Digital Identity to power trusted digital services globally.

V-Key provides trusted, reliable and secure Digital ID services that enable people to truly and safely participate in the modern economy.

FOR MORE INFORMATION ON APP ID SCAN HERE

contact info@v-key.com

V-OS VIRTUAL SECURE ELEMENT • V-OS MOBILE APP PROTECTION • V-OS MOBILE SMART TOKEN
V-OS BIOMETRIC IDENTITIES • V-OS UNIVERSAL DIGITAL IDENTITY

info@v-key.com   www.v-key.com

Specifications

Top performer in the NIST FRVT, our joint solution allows for a range of options for deploying biometrics authentication and eKYC at the highest levels of security:

- **Camera/Sensor Independence**
- **Camera/Sensor Independence**
- **Small area matching**
- **Detects and evaluates face and facial features in real time**
- **Detection of head poses, closed eyes, eye gaze, open mouth, etc.**
- **Background uniformity check and background removal**

Face Biometrics Features

Industry leading facial biometrics and AI powered OCR; Supporting national IDs covering countries such as Singapore, Thailand, Malaysia, Philippines, Indonesia and many more.

User friendly liveness detection

Optional offline facial authentication

High speed multi-threading support

Fast and configurable 1:1 face matching

Admin dashboard for managing records

Works on cloud or on-premise

V-OS Biometrics

It is a robust and easy-to-use face biometrics solution that provides a secure, fast, and streamlined user experience on mobile. It is fully interoperable through ANSI/ISO standards and uses a very small and encrypted facial library footprint to ensure the privacy and portability of your identity across devices.
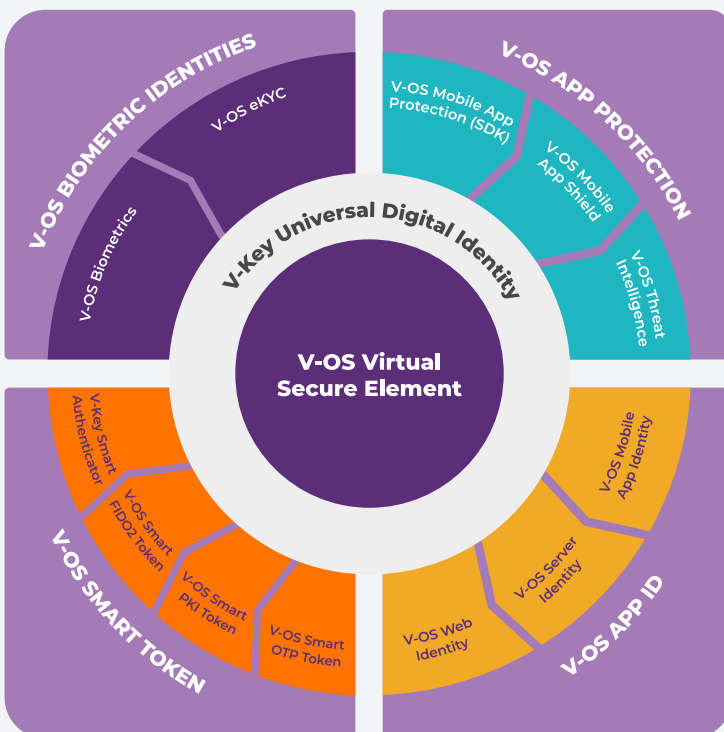
Operations such as template extraction and matching can be performed simultaneously, together with background uniformity check, simple image cropping and background removal.

The Complete Package: V-OS Biometric Identity

V-Key offers a unique smart Biometrics solution to help enterprises, governments and API partners secure authentication and authorization mechanism on mobile. Combining V-OS eKYC with V-OS Biometrics, the V-OS Biometric Identity SDK provides an out-of-the-box, streamlined identity verification and onboarding solution that uses Face IDs tosecurely encrypt mobile-collected eKYC information to onboard legitimate users as seamlessly as possible.

Quickly authenticate users during onboarding, or enable as a step-up function for high-risk transactions, with a highly secure solution that is by design both privacy-preserving and regulatory compliant. Ask for a demo today at insidesales@v-key.com.

V-OS BIOMETRIC IDENTITIES
- V-OS eKYC
- V-OS Biometrics

V-OS APP PROTECTION
- V-OS Mobile App Protection (SDK)
- V-OS Mobile App Shield
- V-OS Threat Intelligence

V-OS SMART TOKEN
- V-Key Smart Authenticator
- V-OS Smart FIDO2 Token
- V-OS Smart PKI Token
- V-OS Smart OTP Token

V-OS APP ID
- V-OS Mobile App Identity
- V-OS Server Identity
- V-OS Web Identity

V-Key Universal Digital Identity

V-OS Virtual Secure Element

GLOBALPLATFORM®
The Standard for Managing Applications on Secure Chip Technology

FIPS VALIDATED 140-2

Common Criteria

fido alliance member

SG:D ACCREDITED

V-OS VIRTUAL SECURE ELEMENT · V-OS MOBILE APP PROTECTION · V-OS MOBILE SMART TOKEN
V-OS BIOMETRIC IDENTITIES · V-OS UNIVERSAL DIGITAL IDENTITY

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