

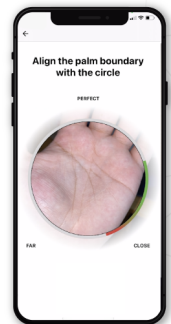


Identity-Bound Biometrics (IBB)

Putting people at the center of cybersecurity

WHAT IS IBB?

Used for authentication and identification, Identity-Bound Biometrics (IBB) centrally stores biometric data in an irreversible way that cannot be stolen or re-used, to create a unique biometric identity that's used to verify the person taking action.



KEY BENEFITS



Security, Integrity, & Privacy

Establishes trust and accountability rooted in a person's biometric identity so organizations can be assured of genuine presence and audit with full transparency.

- Decreased susceptibility to attacks: IBB authentication methods cannot be forgotten, shared, exchanged, stolen or forged.
- Enterprise-controlled enrollment prevents account handovers and ensures only approved individuals can use account privileges.
- Eliminates concern around having a single point of failure by removing physical devices as potential vulnerabilities (as present with local or device-native biometrics).



Flexibility & Ease of Use

Greater deployment versatility and scalability across use cases enables enterprises to provide a consistent and seamless user experience.

One-time enrollment quickly sets up access across multiple devices and locations.



Cost & Efficiency

Reduces overall costs by streamlining IT department resources and eliminating operational redundancies yielded by traditional authentication systems.

Easily integrated with systems, applications, and infrastructure, inherent cloud-readiness, and straightforward pricing makes it easy to achieve measurable ROI in 90 days or less.

IBB is the ideal solution for:



Passwordless Workflows



Zero-Trust Environments



Remote Workforce



Customer IAM



Roving Users & Shared Workstations



Mobile Devices Not Permitted

CUSTOMER TESTIMONIALS

“

Our team at Orange Bank is partnering with BIO-key to provide our financial institution with a cloud IDaaS solution that delivers advanced biometric authentication. BIO-key provides both biometric authentication and a proven suite of IAM solutions that provide security flexibility and value over approaches offered by other vendors.

Kathy Pinto
VP IT, Orange Bank & Trust

”

“

Based on our search for an enterprise IAM solution that provided secure passwordless authentication and met US Government compliance requirements, we can validate the significant value provided by the PortalGuard IAM platform and biometric capabilities over other vendor solutions.

William Elks
IT Manager, YYK Enterprises

”

WHY IBB?

Your Privacy Is Paramount

The IBB architecture is designed to ensure privacy and integrity.



Cryptographic hashing and salting renders personal, biometric data inaccessible and unusable to potential bad actors.



Built-in liveness detection provides strong Presentation Attack Detection (PAD) by imposters trying to use scanned pictures or fakes.



Patented technology and a world-class algorithm gives only approved users access to protected information.

SUPPORTED SOLUTIONS



PortalGuard

PortalGuard® is a single, unified IAM platform that provides flexible single sign-on and authentication options to meet your security goals and deliver an optimized user experience. SaaS, on-premises, and private cloud options make PortalGuard easy to deploy and supports nearly every cloud authentication federation standard, all major directories, and a wide variety of authentication methods.



WEB-key

A comprehensive multi-tenant enterprise IBB management platform built around one of the world's most accurate and scalable biometric engines. It has achieved the highest independently-tested and verified NIST benchmarks for fingerprint identification speed and accuracy.



VST: Are you interested in integrating IBB into your own application? Please ask us about our VST Software Development Kit (SDK).

SUPPORTED AUTHENTICATION METHODS

Flexible Options for All Users



BIO-key MobileAuth™

The only multi-factor authentication app to offer Identity-Bound Biometric authentication options.

MobileAuth safeguards access to critical data, and offers multiple, easy to use authentication methods for users to choose from, including quick palm scanning and facial recognition.



Hardware

BIO-key offers a variety of Microsoft-qualified Windows Hello USB scanners for use with our IAM solutions, as one of many supported brands of scanners.

Fingerprint Scanners

SideSwipe PIV-Pro
SidePass EcoID II
SideTouch Pocket10

POS Terminal

Mobile POS



Contact Us to Learn More

info@BIO-key.com | 732.359.1100

