IDaaS

Identity-as-a-Service

Synchronized, Seamless, and User Friendly Multi-Factor Biometric Authentication System

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Introduction

Digital transformation is changing the lives of people across the globe. But, at the same time, the cybercriminals have instrumented sophisticated methods of invading our personal data space. The risk of identity theft and data breaches has soared dramatically, causing significant reputation and financial loss to businesses & consumers.

While, in the new normal, most of our day-to-day service consumption behavior has shifted from offline to online, a strong authentication method to validate user (your consumers, partners, or employees) identity & authorizing them to perform actions or consume services.

Traditional password-based authentication & authorization (even with OTP or some other method of 2-factor auth) is not foolproof & secure, and brings security risk. Multi-factor biometrics resolve that issue.

The need of the hour is to adopt a user-friendly, multifactor SaaS biometric authentication solution that does not need user interaction with any specialized hardware or physical Key device, as that is not easy to procure for every user or business.

Key Facts
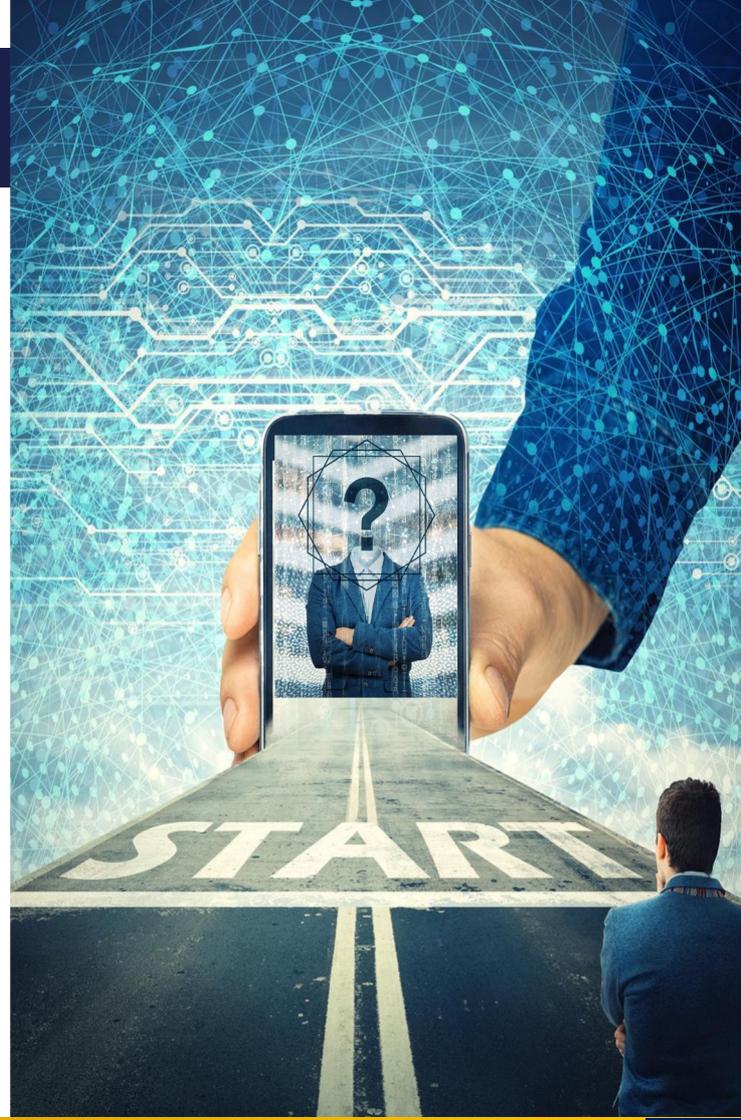
- The global digital identity solution market is projected to reach $71 billion by 2027 due to increasing identity fraud and data breaches.

- In 2022, the global average cost per data breach was $4.35 million.

- 48% of companies across the globe have adopted a Passwordless authentication system.

- The global biometric authentication and identification market might reach $100 billion by 2027. The CAGR of this market between 2019 and 2027 is likely to be 14.6%.
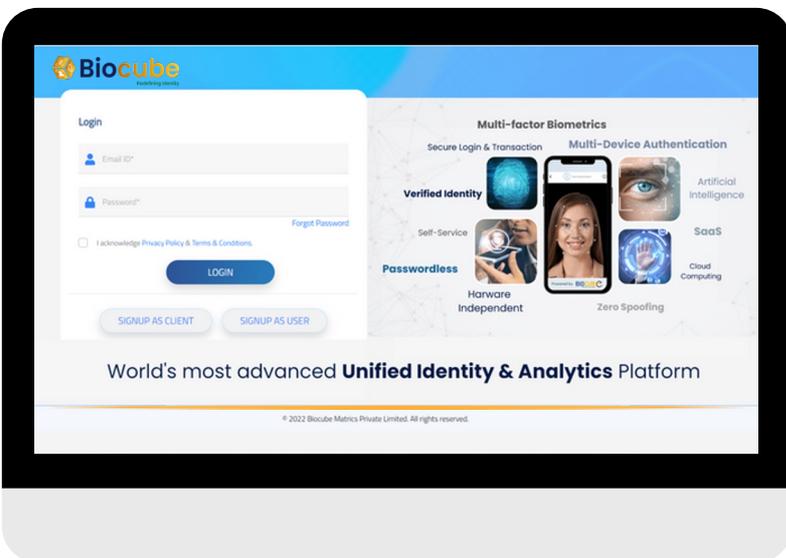
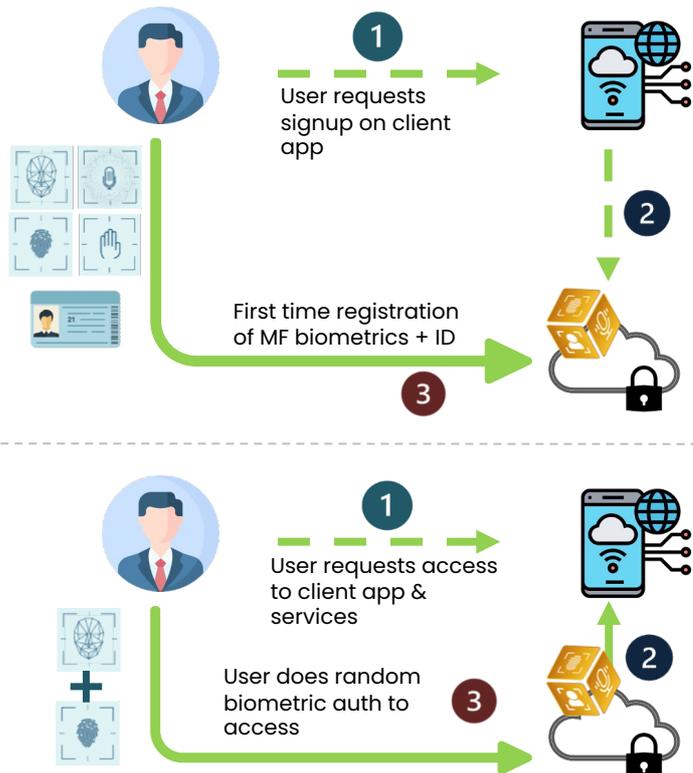## Welcome to

Biocube IDaaS

Redefining Identity Authentication Systems

IDaaS helps clients to perform user authentication for login onto their app/ websites & consume services, with multi-factor biometrics (face, voice, eye, finger, or palm) in a contactless format, using regular devices like smartphone, tablet, laptop etc.

World's most advanced **Unified Identity & Analytics** Platform

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Biocube IDaaS plays a very important role to reduce risk, cost and time spent on affiliating a reliable and secure Identity & Access Management functionality into your applications. Having IDaaS is equally proportional to your developers building better, faster applications and getting them to the market in less time & cost. Integrate our unique identity management capabilities into your web, mobile or desktop with simple API based integration

Trusted Framework

Secure your digital ecosystem with OAuth 2.0 contextual access & authorization. Integrated OIDC-based user authentication.

Secure User Onboarding

User can securely sign up into the client applications with verified ID & multiple biometric signature tagged.

Multifactor Bio-Auth

Eliminate the need to remember passwords with multi-factor & multi-modal biometric based authentication. No PIN or Password.

Self-Service

Use Biocube authentication right from your own smartphones, laptops, tablets, webcam – No specialized device.

User Friendly

Simple, easy to use and intuitive user interface without any complicated steps & workflows.

Easily Configurable

Scalable, reliable and client-tailored access rules configuration – Deployed on cloud or, on premises, the choice is yours.

Adaptive & Flexible

API based integration with easy deployment, management & usage with adaptive risk-based customization.

Pay-Per-Transaction

No upfront cost or license fee for deployment. Simple pay-as-you-go transaction-based model.

1 User requests signup on client app

2

First time registration of MF biometrics + ID

3

1 User requests access to client app & services

User does random biometric auth to access

2

3

Random biometric factor as challenge at authentication – More secure & spoof-proof.

Integrated passive liveness detection during onboarding & authentication.

Interoperable & omnichannel across devices and services.

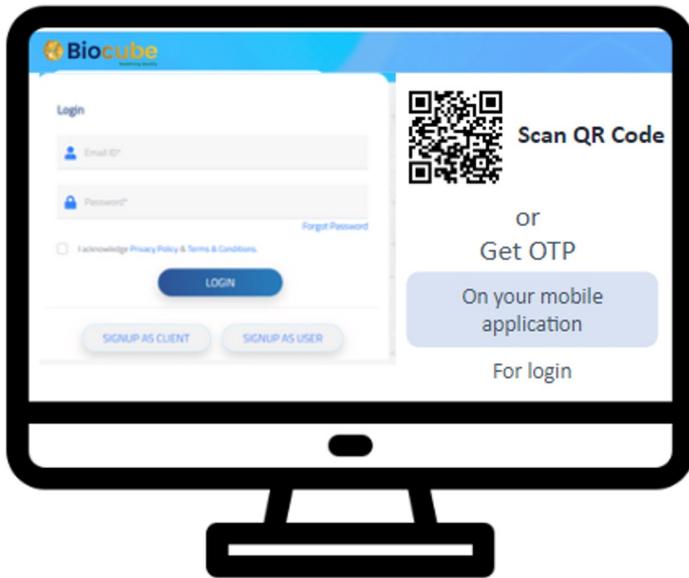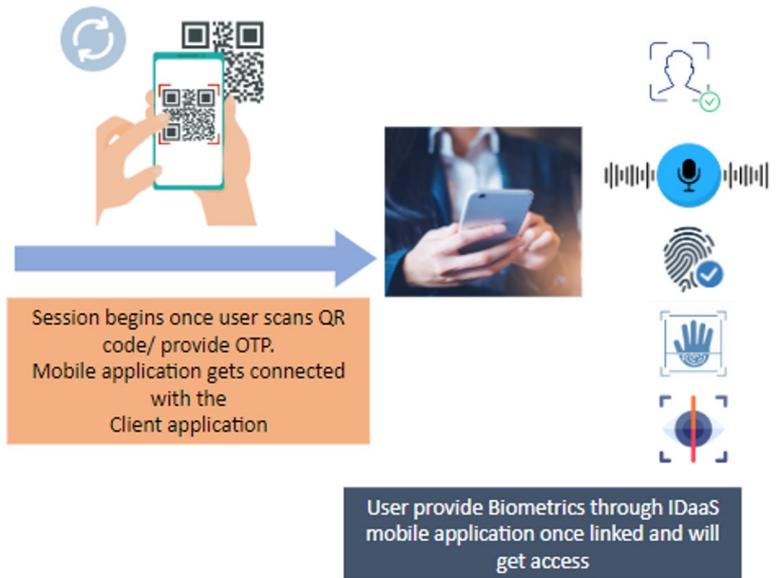Tamperproof ID validation & match against biometrics – From source or AI-based.

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Get access with mobile application through QR scan or OTP based – User provides their multi-factor biometrics from their mobile app – Security assured with convenience

Session begins once user scans QR code/ provide OTP. Mobile application gets connected with the Client application

User provide Biometrics through IDaaS mobile application once linked and will get access

User request access on client web app from their browser

Benefits of IDaaS

Secure & User-Friendly Authentication

Multifactor biometrics integrated with liveness detection provide added security – Passwordless auth improve User Experience.

Cost Effective & No Upfront Fees

Biocube's IDaaS is a hardware-agnostic solution with pay-as-you-go plans. No investment required by business or users.

Adaptable to Meet Business Needs

Configure biometric authentications to meet your business's evolving Identity and Access Management (IAM) needs.

Enhance Workforce Productivity

Facilitate onboarding and user logins, even remotely, using multimodal functionalities to enhance worker productivity.

Managed Service – Highly Configurable

Simplify identity management, opt to deploy IDaaS yourself or as a managed service. Implement Zero Trust framework and adaptive risk-based authentication.

Data Security & Encryption

Ensure highest level of data security & confidentiality with AES 256 encryption. Data shared with 3rd parties with user consent – User authority to remove access anytime.

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About Us

Biocube Technologies Inc. is redefining the space of biometric identity management, with the world's first & only multi-factor & multimodal biometric platform. Biocube's artificial intelligence and data analytics backed identity platform runs on multiple types of devices such as, mobile, tablet, laptop, desktop with webcam, IP camera, and does not need any specialized device. This makes the implementation of this technology completely capex-light.

Since its inception in 2019, the company has developed multiple products focused on different industry requirements – starting from visa, immigration & border security, banking KYC, HR management, visitor management, healthcare and many more, both for businesses and government bodies.

Biocube has offices in India, the US, and the UK and is expanding its global footprint. It is a continuous endeavor of Biocube to ensure security & convenience of users and to make the identity world safer & smarter.

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