



About 1Kosmos

1Kosmos is changing the way the world authenticates. Our solution proves a user's identity at every authentication, improving the balance between identity and access assurance with user experience.

As a result, our customers unleash their digital business because they know who's behind the device. 1Kosmos binds a verified identity and an advanced biometric to a user's account, eliminating the need for usernames and passwords. As a result, each access event is validated against a real, verified identity, enabling organizations to mitigate password based attacks and improve revenue-generating consumer digital services with an exceptional and secure user experience.

By knowing the user behind the device, organizations can tackle big issues:

- Eliminate phishing attacks
- Prevent ATO attacks
- Eliminate 3rd party and contractor hijacking
- Stop synthetic identity fraud
- Accelerate new products and services
- Reduce user friction and improve the user experience
- Provide user controlled privacy

1Kosmos BlockID is the only platform certified to both the FIDO2 standard and the NIST 800-63-3 guideline that addresses this challenge by:

- Providing the highest level of digital biometric identity and authentication assurance with superior interoperability
- Delivering a digital identity wallet that is a reusable verified credential only accessible by and under control of the user
- Privacy by design secures personal information under user control and eliminates the threat of a data breach
- Self-service document and identity verification automates workflow, alleviates administrative overhead and meets KYC/KYE guidelines
- Using a convenient QR code and LiveID biometric matching defies spoofing and ensures a real person is on the other side of the digital connection

PROBLEM

82% of breaches attributed to human error¹

In the first half of 2022 - 53 million individuals were affected by data compromises²

Most data breaches recorded²

- Healthcare
- Financial Services
- Manufacturing

In 2022, 4.35M is the global average cost of a breach³

Stolen or compromised credentials are the most common cause of a data breach – 19%³



1Kosmos BlockID Benefits

As a cloud-based service, the 1Kosmos BlockID platform deploys in days for the purpose of delivering benefits that are accretive to earnings generally within the first 90 days of operations.

Benefits include:

- Minimize risk of data breach and ransomware from credential compromise
- Prevent worker / customer / citizen account takeover
- Reduce administration costs for employee onboarding and provisioning
- Reduce help desk costs for password resets
- Improve employee / customer / citizen user experience
- Accelerate customer time to revenue
- Minimize online shopping cart drop-off/abandonment
- Rationalize antiquated 2FA tools and niche physical security systems
- Deliver flexible levels of identity and access assurance

KEY CUSTOMERS

- Jefferies
- Kotak Bank
- Netsmart
- Indostar
- Fuji Films

STRATEGIC PARTNERS

- Verizon
- RSA
- Composecure
- Hitachi
- Oliver Wyman

Today the 1Kosmos BlockID platform performs millions of authentications daily in support of several key use cases.

BUSINESS-TO-WORKER

Employee Onboarding
Multi-Factor Authentication
Passwordless Access
Remote Workforce
Single Sign-On
Zero Trust

BUSINESS-TO-CUSTOMER

Account Takeover
Customer Onboarding / KYC
GDPR Compliance
Passwordless Authentication
Portable Customer Identity
Strong Customer Authentication

