



## About 1Kosmos

1Kosmos uses advanced biometrics and a private blockchain to perform identity-based authentication, securing online services from password-based attacks.

By verifying the identity of users as they log in, authenticate or transact into corporate networks, 1Kosmos helps CISOs / CTOs / CDOs regain control of IT services and revenue generating consumer digital services from anonymous users hiding behind compromised logins.

### **This combats data breach, ransomware and other attacks related to passwords that are:**

- Weak and easily hacked or guessed
- Inadvertently disclosed in phishing / Business Email Compromise (BEC) attacks
- Shared with co-workers / contractors
- Stolen over public or home wifi

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

- Automatically verifying the identity of users via a convenient self-enrollment process. This readily integrates into and improves i9 onboarding and serves as a fully compliant “know your customer” process.
- Automatically creating a digital identity under user control.
- Using a convenient QR code and non-spoof able facial biometric (ie, LiveID™) to authenticate users for login and transaction approval.

### **PROBLEM**

**61% of breaches attributed to credentials<sup>1</sup>**

**In 2020, 1,001 Data Breaches exposed 155.8M records<sup>2</sup>**

Breached companies underperformed NASDAQ by about 5% after six months<sup>1</sup>

**In 2021, Ransomware damage costs will rise to \$20B<sup>3</sup>**

The average cost of a ransomware attack in 2020 was \$4.44 million<sup>4</sup>



## 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 account take over
- Reduce administration costs for employee onboarding and provisioning
- Reduce help desk costs for password resets
- Improve employee / customer satisfaction
- Accelerate customer time to revenue
- Minimize online shopping cart drop-off/abandonment
- Rationalize antiquated 2FA tools and niche physical security systems

### KEY CUSTOMERS

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

### STRATEGIC PARTNERS

- Verizon
- RSA
- Zenkey
- 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  
Physical and Logical Access  
Remote Workforce  
Single Sign-On  
Zero Trust

### BUSINESS-TO-CUSTOMER

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



**COMPANY FOUNDED**  
2018

**LEADERSHIP TEAM**

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CEO

**Rohan Pinto**  
CTO

**Mike Engle**  
CSO

**Huzefa Olia**  
COO

**Kevin Brown**  
CRO

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