About 1Kosmos

1Kosmos is modernizing identity and access management. Our solutions automate identity verification at new account origination and then gives each user a non-phishable passwordless multi-factor credential for convenient authentication into digital services.

This ensures that users creating new accounts are who they claim to be and prevents account takeover at login, simplifying fraud management without adding friction to the user experience of customers, workers and citizens

Our innovative privacy by design approach also puts users in control of their own personal identifiable information, removing any possibility of unauthorized 3rd party access to their data, and providing IT and Security teams a complete "chain of custody" audit log for all access events.

With 1Kosmos, organizations can tackle their big IAM / CIAM issues:

- Detect and block synthetic or stolen identities before authentication
- Eliminate account sharing and transfer to unauthorized 3rd parties
- Render phishing attacks ineffective
- Protect against account takeover
- Improve user satisfaction with their digital experience
- Accelerate services provisioning with reusable, verified credentials
- Comply with privacy mandates with user-managed PII
- Support investigations with an immutable "chain of custody" audit log

1Kosmos provides the only platform certified to FIDO2, NIST 800-63-3, UK-IDATF, and iBeta specifications:

- Ensures the highest level of digital biometric identity and authentication assurance with superior interoperability
- Verifies identity to validated government issued documents with built-in defenses against deepfake presentation and injection attacks
- Provides tailorable web and mobile onboarding journeys with flexible levels of identity assurance tuned to the risk of various use cases
- Supports passwordless and password-based authentication across multiple environments including Microsoft, Mac, iOS, Linux, Unix and more
- Provides each user a portable, reusable digital identity wallet that they control via private key and use to manage data sharing with digital services
- Eliminates centralized "honeypots" of user PII with an architecture centered around a private and permissioned distributed ledger

Why Choose 1Kosmos?

The 1Kosmos platform provides an architectural advantage for managing identity verification and passwordless authentication across diverse Information Technology environments:

- **One Unified Platform** closes the gap between identity verification and non-phishable passwordless multi-factor authentication (MFA)

- **Frictionless UX** simplifies user onboarding and authentication anywhere, anytime, on any device

- **Privacy By Design** gives users complete control over their PII and ability to manage sharing

- **Developer-friendly** SDK, APIs and over 50 out of the box integrations simplify deployment

- **Real Biometrics** eliminate identity spoofing and verify user identity.

- **Certified** to NIST 800.63.3, UK DIATF, FIDO2, iBeta, ISO 27001 and SOC II Type 2. Compliant to GDPR

1Kosmos Solutions

Identity Verification

1Kosmos digitally transforms user onboarding with convenient self-service identity verification. Our identity verification solution can serve as a credential service provider meeting NIST 800-63-3 assurance level 2 (IAL2).

Our #1 rated NIST algorithm for non-bias racial or gender decisioning drives objectivity, equity, and fairness into identification proofing, far outperforming manual, error-prone processes to eliminate identity fraud, reduce operating costs, and minimize compliance risk.

Worker Authentication

The 1Kosmos platform supports a wide range of password and passwordless use cases.

For high assurance login, we use real biometrics backed by verified identity to deliver the highest level of trust and convenience available and give users a modern, elegant digital experience to transform their business.

Customer Authentication

1Kosmos quickly differentiates between users with valid, verifiable identities and imposters hiding behind stolen or synthetic identities.

Tailorable onboarding and authentication experiences give legitimate customers the convenience, speed, and security they want and slam the door shut on fraud to help carve an efficient path to profitable growth.

1Kosmos is delivered as a cloud service or as a managed service via a Credential Service Provider (CSP) offering.

KEY CUSTOMERS

- Auto Club Group
- Blackrock
- Netsmart
- Concentrix
- Salesforce
- Fuji Films
- Staples
- Jefferies
- Union Digital
- Kotak Bank
- Vodafone

STRATEGIC PARTNERS

- Brite
- Infosys
- Cognizant
- Logicalis
- CompoSecure
- OneSpan
- Deloitte
- Outseer
- EY
- RSM
- Hitachi
- Simeio
- iC Consult
- Verizon

Today, 1Kosmos performs millions of authentications daily for government agencies and some of the largest banks, telecommunications, higher education, travel, hospitality, retail, and healthcare organizations in the world …

BUSINESS-TO-WORKER	BUSINESS-TO-CUSTOMER	GOVERNMENT-TO-CITIZEN
Employee Onboarding	Know Your Customer	Credential Service Provider
Multi-Factor Platform	Data Privacy and Protection	Identity Verification
Passwordless Enterprise	Customer Authentication	Document Verification
Zero Trust	Fraud Prevention	

"1Kosmos… is a compelling offering as an enabler of passwordless authentication. Its support for a live biometric factor compared with an anchored identity document is similarly attractive from an ID proofing perspective."

– Rik Turner
On the Radar: 1Kosmos leverages distributed identity for ID proofing and passwordless authentication