

Modernizing identity and access management.

Our solutions automate identity verification at new account origination and provide each user with a non-phishable, passwordless multifactor 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
- 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, and iBeta specifications.

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 multifactor 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, 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.

Certifications

- **NIST FRTE & RIVTD**
Government-grade recognition & remote identity validation
- **NIST 800-63-3 IAL2/AAL2**
US digital identity guidelines
- **iBeta PAD2**
Level 2 compliant, spoof-proof biometrics
- **FedRAMP High** Designed for cloud services handling highly sensitive US data

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.

About 1Kosmos

1Kosmos enables remote identity verification and passwordless multi-factor authentication for workers, customers and residents to securely transact with digital services. By unifying identity proofing, credential verification and strong authentication, the 1Kosmos platform prevents identity impersonation, account takeover and fraud while delivering frictionless user experiences and preserving the privacy of users' personal information. 1Kosmos performs millions of authentications daily for government agencies and some of the largest banks, telecommunications, higher education, and healthcare organizations in the world.

