Credential Service Provider (CSP)

A secure privacy-by-design, FedRAMP High managed service to streamline identity verification, combat fraud, and protect privacy to safeguard end users

End user demand for contactless services has accelerated the need for digital government services, but rampant synthetic and stolen identity fraud is impeding digital transformation and costing taxpayers millions. Implementing a choice of Credential Service Providers will provide government agencies with a secure and efficient platform for identity verification and authentication, transforming access to services while enhancing security and privacy.

The 1Kosmos CSP Advantage
The 1Kosmos privacy-by-design credential service modernizes identity enrollment and authentication, empowering government agencies with enhanced security measures to combat phishing and fraudulent activities aimed at end users.

Our industry-certified CSP service offers modern, low-friction, app-based, or app-less self-service identity verification (e.g., IAL2) and authentication (e.g., AAL2) anytime, anywhere, and on any device. The resulting credentials are kept in a secure web or app-based wallet, fully controlled by the end user. After identity verification and enrollment, end users will authenticate using any deployed authentication method. This may include phishing-resistant methods like FIDO passkeys, device biometrics, and 1Kosmos LiveID, as well as legacy methods such as push messages, email, SMS, tokens, and more.

End users will readily utilize their reusable credentials to access services and securely manage and share their PII data, simplifying privacy, compliance, and overall management for agencies.

The 1Kosmos CSP managed service replaces slow, error-prone manual processes, significantly reducing IT management and overhead costs. As a result, organizations can eliminate data silos and focus their limited resources on efficiently delivering services to those entitled to receive them.

> The 1Kosmos CSP digitally transforms identity enrollment and authentication for end users.

Securing Single Sign-On

Privacy by Design
End users have sole control over their information, which is protected by a cryptographically paired public-private key architecture. To enhance security and auditing, 1Kosmos CSP employs a private and permissioned distributed ledger to decentralize data, eliminating administrative access to a centralized PII "honeypot."

Fraud Prevention
1Kosmos CSP employs an advanced, streamlined self-service identity verification process and phishing-resistant multi-factor authentication credentials to combat synthetic identity fraud and account takeover attacks. Furthermore, 1Kosmos CSP mitigates deepfake attacks through active and passive liveness detection, along with injection monitoring.

Access for All Americans and Authorized Users
The 1Kosmos CSP offers secure access for all end users to engage with digital services. It supports various methods for enrollment and authentication, including a web interface, mobile app, and agent-assisted or remote-supervised verification.

Alignment to Federal Requirements
The CSP is aligned to US Federal requirements, including the Privacy Act, Section 508, EO14028, OMB M19-17, OMB M22-09, NIST 800 series, FedRAMP High, and FIPS.

Managed Service
The complete user journey is managed by the 1Kosmos CSP, simplifying the handling of end user data, hardware expenses, and compliance challenges.

1Kosmos Features & Benefits

- Kantara-certified CSP at IAL2 identity verification / AAL2 access assurance

- Deterministic identity decisioning for identity verification and authentication

- Access for all Americans and authorized end users

- Phishing resistant authentication to protect end user accounts

- User-managed privacy built on a distributed identity framework

- An immutable audit trail of all events enables visibility to all logins and access attempts

- Reduce synthetic identity fraud with security feature checks on documents plus triangulate captured data against sources of truth

- A FedRAMP High managed service, streamlining the management of end user data, hardware costs, and compliance strains

Industry Certified

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.

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