

1Kosmos Workforce

Give workers passwordless access they'll enjoy and verified identities you can trust.

Eliminating passwords closes the door on phishing and MFA attacks, improves security and convenience, and reduces the workload on the IT support desk.

The 1Kosmos Advantage

To help you accomplish this goal, 1Kosmos Workforce supports around a dozen passwordless modalities with progressive levels of authentication assurance, including support for restricted environments via 1Kosmos IKey.

Moreover, it goes further with automated password reset for legacy applications that can't go passwordless and defeat social engineering targeting agent-assisted account recovery.

Combined with 1Kosmos Verify it can also prevent rogue actors armed with synthetic and stolen identities at user onboarding.

Through this unified approach to identity verification and passwordless authentication, 1Kosmos equips organizations to address the highly diverse combination of devices, applications and operating systems common to complex IT environments.

Just as important, 1Kosmos gives security teams a way to ease users into a new passwordless experience and control rollout in days-to-weeks for fast time to benefit.

Identity based authentication has only recently been made possible, and 1Kosmos is the only vendor to deliver a biometric passwordless MFA bound to a verified identity.



1Kosmos Workforce

As a cloud-based identity provider, 1Kosmos comes with several exciting administration features. The Administration portal provides over 50 out-of-the-box integrations and a API framework enables interoperability with Microsoft Entra ID, Azure, O365, Ping, Okta, and more. Developer- friendly SDK with hosted sandbox.

Strong Authentication

The 1Kosmos platform is certified to NIST 800-63-3 and UK DIATF standards, and leverages a public/private key pair to protect logins up to Authentication Assurance Level 2 (AAL2), with an immutable audit log.

Certified Biometrics Detects Deepfakes

The 1Kosmos platform is certified to FIDO2 and ISO/IEC 30107-3 (PAD-1) standards, with built-in liveness detection and injection attack defenses. It also offers API support for face, fingerprint, voice biometrics, and more.

Reusable Digital Wallet

A reusable digital wallet and public-private key infrastructure ensure that only legitimate users can authenticate and control their personally identifiable information. Full compliance with FIDO2 and CTAP2 standards enables interoperability across disparate systems and applications, and supports the adoption of passkeys, including device-bound passkeys.

Support for Legacy Authenticators

Integrated one-platform support for multiple authentication methods including:

- Push notifications
- Temporary one-time passcodes (TOTP)
- Magic link
- Email/voice/SMS one-time passcodes
- User ID and Password

Self-Service Password Reset

Users can reset their passwords via convenient workflow eliminating the need for agent-assistance. Workflow can include identity verification, such as scanning a government-issued ID and taking a selfie, to confirm the user's identity.

Passwordless for Restricted

Supports restricted environments such as call centers, manufacturing floors, and clean rooms where mobile phones and camera-equipped devices are prohibited. The 1Kosmos 1Key biometric security key delivers passwordless authentication, supports unlimited users, and follows a register-once, use-anywhere approach.



1Kosmos Workforce Features & Benefits

Replace credentials. 1Kosmos provides real biometrics bound to a verified digital identity, eliminating password based attacks, and providing a superior user experience.

Easy integration into existing infrastructure. With 50 out-of-the-box connectors for SSO, desktop, PAM, IGA, and more. Our APIs provide easy integration for solutions where a connector is not available.

Deployment with coexistence. 1Kosmos platform can be deployed side-by-side with password-based authentication to give IT the flexibility to deploy passwordless to users to minimize the impact of change on the day-to-day business.

Password reset. 1Kosmos provides a native password reset capability for legacy and disparate IT environments built over decades that can not go passwordless.

Appless Authentication. 1Kosmos supports passwordless into any device, with or without an app or phone. This addresses frontline workers, call centers, factory settings, and other "hard to authenticate" areas. 1Kosmos provides an enterprise fingerprint reader (1Key) and facial biometrics (LiveID).

Offline Login. When a user is offline, the 1Kosmos App generates a workstation OTP specific for this event and will ensure users have access even when they are offline.

Support for Multiple Accounts / Personas. Within the 1Kosmos app, users have multiple accounts or personas. This capability allows users to have different login workflows.

Reasons to Consider

- Passwordless login for Windows, Mac, Linux, and Unix
- Flexible administration experience
- OAuth, OIDC, SAML and FIDO support
- Flexible SDK for easy integration into existing workflows
- Password reset for technologies that cannot go passwordless
- FIDO2, NIST 800-63-3, ISO/IEC 30107-3, ISO 27001 and SOC 2 Type II 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.

