

# 1Kosmos and Microsoft

1Kosmos adds verified identity and passwordless access to help organizations build on their Microsoft investment



Modernizing identity and access management (IAM) with Microsoft Entra ID is a big step forward to protect new account openings, secure logins, and prevent fraud, but it is not enough. Organizations need to consider passwordless access when moving from Active Directory to Entra ID. Additionally, this migration may inadvertently introduce security gaps due to a siloed approach when securing systems that fall outside of the Microsoft environment.

## The 1Kosmos Advantage

1Kosmos provides verified identity and passwordless MFA (Multi-Factor Authentication) by default for every login without the old-fashioned codes and security keys, but not just for most all environments even those supported by Entra ID. 1Kosmos also gives users a consistent passwordless login experience for legacy on-premises technologies, Active Directory, Windows, Mac, iOS, Android, Linux, and Unix systems.

Most importantly, by replacing passwords with a verified digital identity, 1Kosmos shifts the traditional balancing act between security and convenience by giving IT (Information Technology) and Security teams the flexibility to adjust identity assurance levels for different users and systems based on the business needs without adding significant friction to the user experience.

## Key Use Cases:

1. Deploy 1Kosmos as an External Authentication Method (EAM) within the Entra Platform
2. Facial Biometrics with Liveness
3. Passwordless MFA for more environments

4. Identity Verification up to IAL2
5. Interoperability and Extensibility
6. Authentication Resiliency
7. Self-Service Password Reset and Account Recovery
8. Upgrade to decentralized Identity
9. Passwordless Access for Restricted Environments
10. Secure Remote and Virtual Desktop Login

**1Kosmos can easily enhance an organizations Microsoft investment by filling in the identity and authentication gaps a Microsoft deployment can introduce.**





## 1KOSMOS FEATURES AND BENEFITS

- **Extend Passwordless:** Provide passwordless access to macOS, Linux, and Unix and non-SAML based applications and services.
- **Virtual and Higher Privilege Environments:** Implement passwordless access to domain controllers, remote desktops, and virtual machines.
- **Legacy Technology:** Provide interoperability with legacy/internally built technologies.
- **Integration with AD and Entra ID:** Off-the-shelf connectors enable quick and easy deployment including WS-Fed and WS-Trust protocols.
- **Authentication:** Leverage any of the 11 authenticators, matching to risk or levels of identity assurance.
- **Ensure Authentication Resiliency:** Leverage 1Kosmos as the default authenticator to cover all use cases and use the native MSFT Authenticator as a backup.

### About 1Kosmos

©2024 1Kosmos Inc., 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.

### External Authentication Method (EAM)

Organizations can leverage 1Kosmos as a Microsoft External MFA provider to protect all resources behind ADFS or Entra ID. Use conditional access to manage roll out to select groups of users or applications. Leverage any of the 11 authenticators matched to risk or levels of identity assurance, including facial biometrics.

### Verified Identity

Ease employee onboarding and deliver a high level of trust behind every login for specific systems or groups of users by implementing high assurance identity verification. Suitable to support even the most privileged, mission-critical functions. Verification support for 158 countries and 1000's of documents to protect Entra or non-Entra applications, services, data, and systems.

### Interoperability and Extensibility

Utilize fifty out-of-the-box connectors, an open API framework, plus a flexible SDK, to standardize authentication across the enterprise. Coverage provides a more flexible framework spanning Entra, Active Directory, SSO, PAM, plus all additional authentication requirements.

### Password Reset & Account Recovery

Users can reset their password through the 1Kosmos platform for applications where passwords cannot be eliminated or recover an account due to a hardware upgrade or lost device.

### Trust on First Use (TOFU)

Eliminate the "Trust on First Use" (TOFU) gap when users transition to new systems via a passwordless experience into new devices, eliminating the previously required username and password.

### Restricted Environments / Shared Workstations

Enable phishing-resistant passwordless multi-factor authentication option for Sensitive Compartmented Information Facilities (SCIF), manufacturing clean rooms, customer help desks, higher education labs, retail bank branches, healthcare providers and other restricted environments.