

Data Sheet





PortalGuard IDaaS for AWS



Enhancing Security, Compliance, and User Experience in the Cloud

As organizations increasingly migrate to the cloud, secure and seamless identity and access management (IAM) is more critical than ever. BIO-key’s PortalGuard IDaaS is a cloud-ready IAM platform designed to enhance security and simplify authentication for AWS customers. With deep integration into AWS cloud environments, PortalGuard enables organizations to protect their applications, infrastructure, and sensitive data while reducing operational overhead.

Key Benefits for AWS Cloud Customers

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|  Stronger Security & Compliance | <ul style="list-style-type: none"> - Meet AWS security best practices, Zero Trust principles, and regulatory requirements such as NIST and SOC 2. - Ensure secure remote and hybrid workforce access to AWS-hosted applications and services. |
|  Lower IT Overhead & Simplified Management | <ul style="list-style-type: none"> - Centralized identity management reduces complexity by consolidating authentication methods under a unified platform. |
|  Seamless User Experience | <ul style="list-style-type: none"> - Enable frictionless access to AWS cloud applications with SSO, biometric authentication, and passwordless login. - Empower users to authenticate securely—without relying on mobile devices or traditional passwords. |
|  Resilient & Scalable Cloud Architecture | <ul style="list-style-type: none"> - PortalGuard IDaaS runs on high-availability cloud infrastructure, ensuring 99.99% uptime and seamless scalability to support growing AWS workloads. |

Seamless AWS Integration

PortalGuard IDaaS natively integrates with AWS Identity and Access Management (IAM), AWS Single Sign-On (SSO), and AWS WorkSpaces, ensuring a secure and frictionless authentication experience across AWS-hosted applications and services.



Single Sign-On (SSO) for AWS Services

- Securely authenticate users across AWS applications using **SAML 2.0, OAuth 2.0, OpenID Connect, and CAS 3.0+**, providing a unified login experience.
- Reduce password fatigue and streamline access to AWS Console, Amazon WorkSpaces, EC2 instances, and third-party apps.



Multi-Factor Authentication (MFA) for AWS Accounts

- Strengthen security with **18+ authentication methods**, including biometrics, mobile authenticators, and hardware tokens.
- Deploy **passwordless authentication** to eliminate credential-based risks.
- Enforce **adaptive MFA policies** based on user risk levels and geo-location.



AWS WorkSpaces & Virtual Desktop Security

- Secure **remote access to AWS-hosted desktops** with PortalGuard Desktop, enabling MFA at login and session unlock.
- Protect AWS VDI environments with **biometric authentication and device-based access controls**.

Integrations

CISCO



ForgeRock®



Microsoft
Entra ID

yubico

fido™
ALLIANCE



Case Studies



Orange Bank & Trust faced strict security requirements, mobile phone restrictions, roving employees, and a small IT team, making traditional MFA solutions impractical.

Solution: PortalGuard IDaaS provided fingerprint-based authentication, ensuring security, compliance, and seamless user experience without extra hardware or mobile devices.



Allan Hancock College needed a flexible and secure IAM solution that was easy for a small IT team to manage while accommodating the diverse needs of around 10,000 users.

Solution: PortalGuard IDaaS was implemented, providing MFA, SSO, and SSPR, significantly improving user experience and operational efficiency.



Krumland Auto Group needed a secure, compliant MFA solution to meet FTC Safeguards Rule requirements and protect customer data. Employees couldn't use mobile devices for authentication, and the solution had to integrate with existing IT infrastructure.

Solution: PortalGuard IDaaS enabled phoneless, tokenless, passwordless MFA with fingerprint authentication. They achieved regulatory compliance, improved security, and saved \$6M annually by preventing productivity losses.



Marketron faced a ransomware attack in 2021, underscoring the need for a robust MFA solution for over 19,000 users. Transitioning from traditional usernames and passwords was challenging due to its diverse customer base.

Solution: PortalGuard IDaaS offered multiple authentication methods, including email and OTP, along with SSO and SSPR, significantly enhancing security and operational efficiency.

PortalGuard IDaaS Pricing

500 Users
Enterprise License

12-month contract

\$24,000 / 12 months

36-month contract

\$65,000 / 36 months

 **SAVE 10%**

Additional Licenses

\$0.01 / unit