



Idenprotect Passport

Secure, Simplified, Phishing-Resistant Passwordless Authentication



Idenprotect Passport offers a robust, user-friendly, and phishing-resistant passwordless authentication solution designed to eliminate the vulnerabilities associated with traditional passwords and MFA solutions such as OTPs.

By leveraging on device level security as used by Google and Apple Pay, and biometric verification, Passport provides enhanced protection against cyber threats, streamlining secure access to your critical applications and systems.

Key Features and Benefits



Phishing-resistant authentication

Eliminates the risk of phishing attacks, protecting your sensitive data.



Passwordless login

Enhances user experience and reduces IT support costs associated with password resets and risks from poor password hygiene.



Biometric verification

Provides convenient and secure authentication using fingerprint or facial recognition.



Device-level hardware security

Leverages the secure enclave on modern devices for enhanced protection of stored credentials.



Multi-factor authentication

Adds an extra layer of security by requiring multiple authentication factors, with PKI/x.509 technology



Centralised management

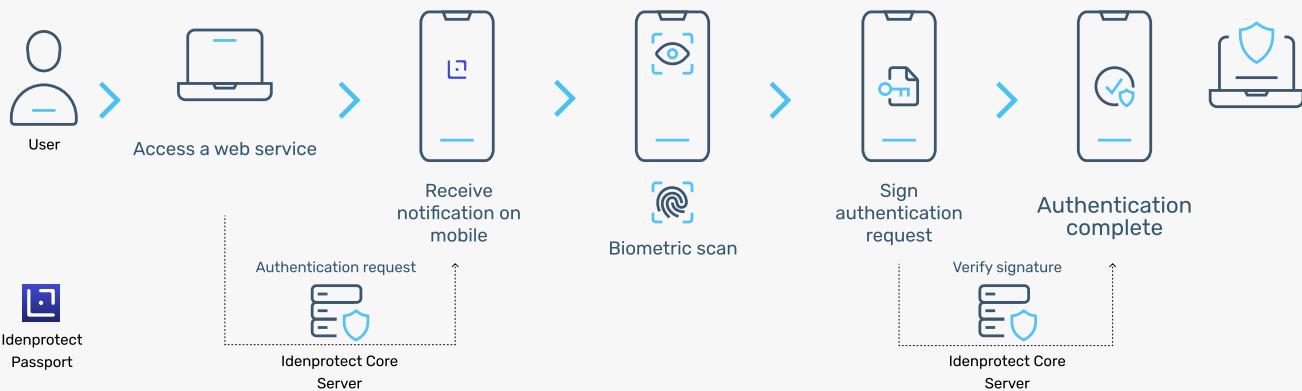
Provides easy administration and control over user access and authentication policies, with seamless integration with your existing applications and workflows.

How It Works

Idenprotect Passport provides secure, phishing-resistant, passwordless authentication, removing the need for traditional passwords and MFA authenticators. When a user attempts to access a protected application or system, the service initiates an authentication request to the Idenprotect Core server, essentially asking, "Who is this user?" or "Do you know this user?" This triggers an authentication request that is passed to the mobile app.

Authentication then triggers a biometric verification process on the user's device. Once the user's identity is verified, Passport generates a digital signature using a PKI/x.509 key stored in the device's secure area for enhanced security, which is then validated by the authentication server. This seamless process ensures secure access without the vulnerabilities associated with passwords or OTPs.

Idenprotect Passport - User Authentication



Use Cases

Idenprotect Passport provides a versatile foundation for secure authentication across various scenarios. By eliminating reliance on traditional passwords, Passport strengthens your security posture and enhances user convenience. The following use cases illustrate how Passport can be deployed to streamline access and protect sensitive information across your organisation.

Secure Access

Idenprotect Passport replaces traditional passwords with phishing-resistant, passwordless authentication, ensuring secure, seamless access to critical applications and data from any location.

Whether your workforce is remote, in the office, or on the go, Passport simplifies access, enhances security, and boosts productivity across the organisation.

Financial Services

Financial institutions, handling sensitive customer data and transactions, are prime targets for cyberattacks. Idenprotect Passport provides robust multi-factor authentication to protect against phishing, account takeovers, and other threats.

By implementing passwordless authentication, financial services can enhance security, comply with regulations, and build customer trust, as demonstrated by banks in Singapore adopting biometrics and passwordless technology over traditional MFA.

Enterprise Access

Streamlining access to internal applications and systems is essential for productivity and efficiency. Idenprotect Passport simplifies authentication, offering a frictionless user experience while enhancing security.

With seamless integration into your existing infrastructure, Passport ensures employees can access resources easily and securely, without the complexity of traditional passwords or MFA solutions.

Digital Signing and Secure Document Management

Idenprotect Passport integration enables organisations in the transportation sector to offer digital signing and secure document management. This capability streamlines workflows, boosts security, and ensures regulatory compliance.

A leading international airport operator successfully transitioned to a paperless environment with Idenprotect Passport, providing secure, user-friendly authentication and digital signing, improving efficiency and enhancing security.

Technical Specifications

Device Compatibility: Android app runs on Android 13 or newer. iOS app runs on iOS 17 or newer and iPadOS 17 or newer.

Integration Capabilities: Seamless integration with leading SSO providers (e.g., Microsoft Azure AD, Okta), VPN integration via standard authentication protocols such as like SAML, OAuth, OIDC.

Authentication Protocols: PKI/x.509 certificate-based authentication and Multi-Factor Authentication.

Management Console: Centralised user management and policy enforcement, detailed audit logs and reporting, and remote device management capabilities.

Deployment Options: Flexible deployment options (on-premise, cloud, or hybrid) and scalable architecture to support enterprise deployments.

Security and Compliance

Idenprotect Passport is designed with security as its core principle, providing robust protection against modern cyber threats.

Phishing Resistance

By eliminating passwords and relying on biometric verification, Passport renders phishing attacks ineffective.

Data Protection

Sensitive authentication data is securely stored within the device's secure enclave, ensuring protection against unauthorised access.

Compliance

Idenprotect Passport assists organisations in meeting compliance requirements.

Hardware Security

Leveraging device-level hardware security enhances protection against sophisticated attacks.

Multi-Factor Authentication

Our layered security approach combines biometric verification with PKI/x.509 technology for robust authentication.

Zero Trust

Idenprotect Passport aligns with Zero Trust principles, ensuring secure access based on verified identity and device trust.

Ready to enhance your organisation's security with Idenprotect Passport?

Contact us today for a personalised demonstration and to discuss how Idenprotect Passport can address your specific authentication needs.

A leading health insurer in Saudi Arabia implemented Idenprotect Passport, resulting in £50,000 annual savings from reduced password resets and a 2.5-day annual productivity gain per operative.

Idenprotect is a leading cybersecurity company specialising in phishing-resistant, passwordless authentication and secure browsing solutions.

We empower organisations of all sizes to eliminate password risks, streamline operations, and foster a productive, secure digital environment.

Our mission is to set the standard for exceptional user experience by connecting people to data seamlessly and securely.

We are committed to innovation, excellence, and a customer-centric approach.



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