

SafeNet MobilePASS

Software generated one-time passwords for convenient and secure mobility



SafeNet MobilePASS is a one-time password (OTP) software authentication solution that combines the security of proven two-factor strong authentication with the convenience, simplicity, and ease of use of OTPs generated on personal mobile devices or PCs. By turning a mobile phone into a two-factor authentication device, organizations save significantly on hardware and deployment costs, while users benefit by not having to carry an additional hardware token around with them.

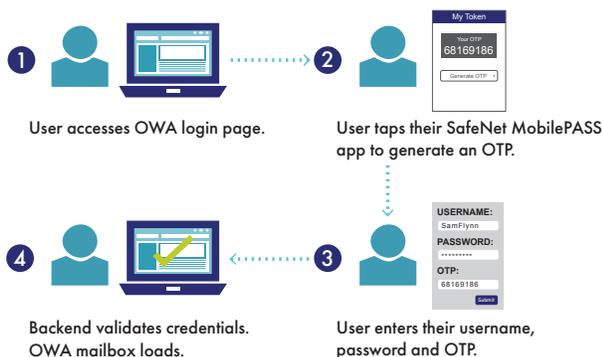
Powerful protection and access control for any cloud or on-prem resource

Compatible with the broadest range of mobile platforms, SafeNet MobilePASS provides powerful identity protection and convenient access control to Web portals and remote access systems such as VPNs, VDI applications, Cloud applications and Outlook Web Access. It also offers strong authentication to secure local network access.

Benefits

- **Simplifies deployment** with easy one-step app installation and activation by users
- **Streamlines lifecycle management** through automated provisioning, administration, and revocation
- **Increases user adoption** by providing convenience to employees and customers
- **Facilitates compliance** with local and international regulations
- **Secures access to diverse resources** such as VPNs, VDI, Web portals, enterprise networks and SaaS applications
- **Integrates with context-based authentication** as a step-up second authentication factor
- **Reduces TCO** by saving on separate management and provisioning of hardware tokens

Convenient and easy-to-use



Superior deployment and management

Offering automatic one-step installation and policy-based activation, which determines the token configuration, SafeNet MobilePASS significantly reduces deployment complexities, IT administration overhead, and cost when implementing strong authentication for thousands of users. Web-based self-service portals offer 24x7 support for users, further reducing helpdesk calls and overall TCO.

Optimized security

Sophisticated security capabilities, including standards-based activation, dynamic seeding, and FIPS 140-2 Level 1 certified crypto libraries, all allow organizations to optimize the balance between ease-of-use and TCO without compromising on security. In addition, central management of SafeNet MobilePASS alongside other Thales (formerly Gemalto) authentication solutions enables organizations to adopt a layered approach to security by deploying different authentication devices and methods for different user groups.

Embeddable in-app two-factor authentication

The SafeNet MobilePASS SDK allows banks, e-retailers, enterprises, and service providers to embed strong authentication within native apps, protecting access to corporate and financial portals. Offering support for all leading mobile platforms and over-the-air activation through public app stores, customers and employees can download the app and self-activate it to enjoy an added layer of security from a broad range of devices.

Features

Policy-based Token Configuration

- Time-sync and Event-based OTPs
- Challenge-response
- Configurable PIN protection
- Policy-based provisioning determines token configuration
- Multi-domain Support – Allows several tokens to be deployed within the same SafeNet MobilePASS app, and for each 'token' to be separately used to access different resources

Advanced Security

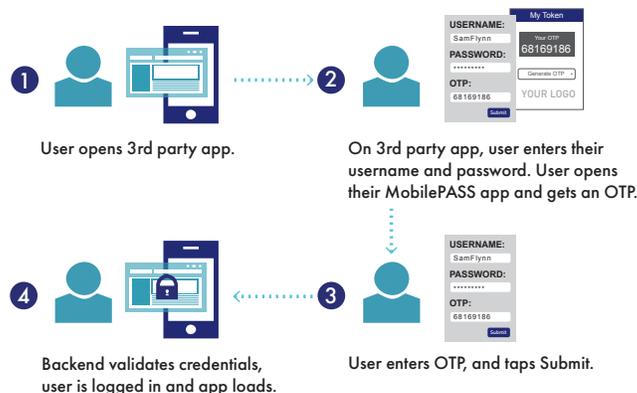
- Dynamic Symmetric Key Provisioning Protocol (DSKPP) provides standards-based secure provisioning
- Dynamic reseeding allows organizations to reprogram tokens on-the-fly as required
- FIPS 140-2 Level 1 certified Crypto Library* ensures security and integrity of SafeNet MobilePASS cryptographic modules

SafeNet MobilePASS SDK

- Enables embedding OTP-based authentication within existing mobile and desktop applications
- Allows custom end-to-end application branding
- Supported on Android (Java), iOS (Objective-C) and Windows Desktop (C++)
- SafeNet MobilePASS SDK is available directly from the Thales Customer Support Portal

*Support may vary by platform

Added layer of security from your device



Technical specifications

Supported management platform

- SafeNet Trusted Access

Supported operating systems

- Mobile: iOS & Android
- Desktop PC: Windows, macOS

Supported use cases

- VPNs – all leading vendors, e.g. Cisco, Check Point, IBM, etc.
- VDI – all leading vendors, e.g. Citrix, VMware, AWS
- SaaS applications – all leading vendors supporting SAML 2.0, e.g. GoogleApps, Office 365, ZenDesk, Salesforce.com, ShareFile, RemedyForce, etc.
- Web-based portals – all leading vendors, e.g. IIS, Outlook Web Access (OWA), SharePoint, ERP platforms, etc.
- Local network access – all leading vendors, e.g. Windows, Oracle, IBM

*Supported integrations may slightly vary by platform

OTP security algorithm

- Event OTP - HOTP HMAC-SHA256
- Time OTP - TOTP HMAC-SHA256
- Challenge-response - OCRA HMAC-SHA256

SafeNet MobilePASS is available for download on the Apple App Store, Google Play, Microsoft Store and directly from the Thales Customer Support Portal.

About Thales

The people you rely on to protect your privacy rely on Thales to protect their data. When it comes to data security, organizations are faced with an increasing number of decisive moments. Whether the moment is building an encryption strategy, moving to the cloud, or meeting compliance mandates, you can rely on Thales to secure your digital transformation. Decisive technology for decisive moments.

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