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

1. User accesses OWA login page.
2. User taps their SafeNet MobilePASS app to generate an OTP.
3. User enters their username, password and OTP.

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.

User opens 3rd party app. On 3rd party app, user enters their username and password. User opens their MobilePASS app and gets an OTP.
Backend validates credentials, user is logged in and app loads.
User enters OTP, and taps Submit.

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.