THALES

SafeNet GOLD

Designed to protect identities and secure access, SafeNet's GOLD token is a highly effective two-factor OTP authenticator that offers the added security of PIN protection and challenge response.

Straightforward to use, yet offering an added layer of security beyond regular one-time passwords, the GOLD is activated with a personal identification number (PIN), which prompts the authenticator to provide a one-time, dynamic password. The user then enters this password into the Web or network application to authenticate their identity.

The GOLD authenticator gives online services providers, such as banks, payment portals and brokers/dealers, a highly secure means of offering their customers a protected online environment for carrying out financial transactions and accessing confidential information.
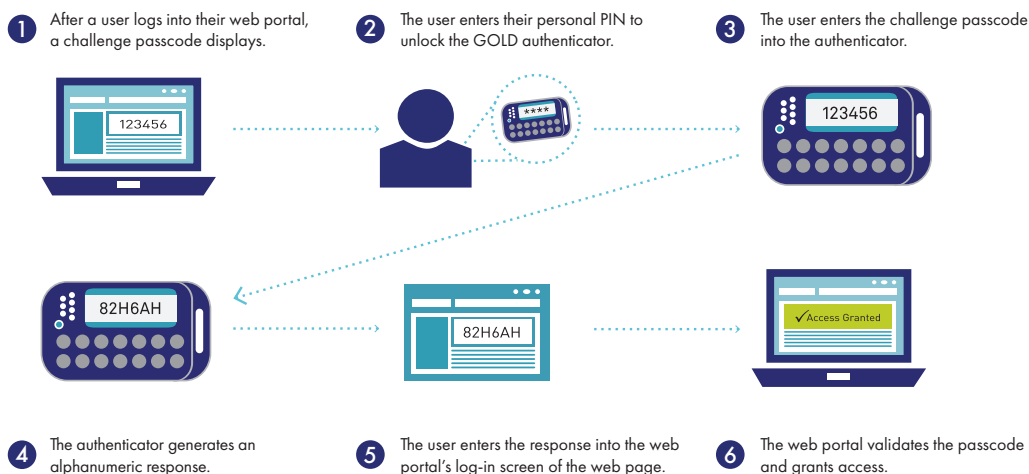
In addition to offering PIN protection, GOLD's advanced OTP and challenge response capabilities are designed to combat online fraud such as phishing, and help online service providers and banks maintain password integrity by making it more difficult for customers to lose or share passwords. The challenge response mechanism requires users to validate a numeric challenge on their GOLD authenticator. Only after validation, does the GOLD generate an OTP passcode which is used to complete the authentication procedure.

Benefits

- Provides secure remote access with the additional security of hardware PIN protection and challenge response to networks, applications, and web-based services
- Portable and easy to use with a large, user-friendly display
- Flexible management platforms allow you to expand to advanced certificate-based security applications as your needs evolve
- Enables organizations to meet regulatory compliance initiatives requiring two-factor authentication

How it Works

1 After a user logs into their web portal, a challenge passcode displays.

2 The user enters their personal PIN to unlock the GOLD authenticator.

3 The user enters the challenge passcode into the authenticator.

123456

****

123456

4 The authenticator generates an alphanumeric response.

5 The user enters the response into the web portal's log-in screen of the web page.

6 The web portal validates the passcode and grants access.

82H6AH

82H6AH

✓ Access Granted

Technical specifications

- OTP Security algorithm:
- X9.9 – Challenge response algorithm
- Synchronous – proprietary event based algorithm
- Operating temperature: 0˚ to 70˚C
- Storage temperature: -30˚ to 80 ˚C
- Humidity rating: Up to 100%
- Battery lifetime: 7 years
- Casing: Hard molded plastic, tamper evident

Supported platform

- SafeNet Trusted Access

About SafeNet Access Management and Authentication solutions

Thales' industry-leading Access Management and Authentication solutions let enterprises centrally manage and secure access to enterprise IT, web and cloud-based applications. Utilizing policy-based SSO and universal authentication methods, enterprises can effectively prevent breaches, migrate to the cloud securely and simplify regulatory compliance.

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.

Americas – Arboretum Plaza II, 9442 Capital of Texas Highway North, Suite 100, Austin, TX 78759 USA • Tel: +1 888 343 5773 or +1 512 257 3900 • Fax:+1 954 888 6211 • E-mail: sales@thalesesec.com
Asia Pacific – Thales Transport & Security (HK) Lt, Unit 4101-3, 41/F, Sunlight Tower, 248 Queen's Road East, Wanchai, Hong Kong • Tel:+852 2815 8633 • Fax:+852 2815 8141 • E-mail: asia.sales@thales-esecurity.com
Europe, Middle East, Africa – 350 Longwater Ave, Green Park, Reading, Berkshire, UK RG2 6GF • Tel:+44 (0)1844 201800 • Fax:+44 (0)1844 208550 • E-mail: emea.sales@thales-esecurity.com