Product Brief

SafeNet OTP 111 and SafeNet OTP 112

One-Time Password Tokens

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A secure and convenient OTP token series for protecting your network identities

Ever worry that the only thing standing between your organization's network and a malicious attack on your assets is a weak password? That is very likely, given that easy-to-guess passwords are commonly used. It's no secret that people tend to choose passwords that are easy to remember. And, if they pick a more complex password, they'll likely write it down and leave it in a place where it can be found. Bottom line—static passwords just aren't good enough anymore. Today's hackers are smarter and faster at getting to your data and all it takes is one breach to cost you not only dollars, but your reputation as well.

Stay a step ahead

So what can you do to stay one step ahead of attackers and protect all access points to your networks? Access management and authentication are the answer. Multi-factor authentication, uses two or more different forms of identity verification such as 'something you know' (password, PIN), and 'something you have' (smart card, token). One-time passcode (OTP) devices provide an additional layer of security, and are a good start to making sure your network is protected by more than simple static passwords. The user enters their username and the numeric code generated by the OTP device. The authentication server validates the code and access is granted to the appropriate network resources.

oath
CERTIFIED

Convenient and portable

The SafeNet OTP 111 and SafeNet OTP 112 are user-friendly OTP tokens that offer unconnected operation. Less than 2.5 inches long, these tokens are portable, light and small enough to hang from a key ring.

These tokens are OATH certified and managed by the SafeNet Trusted Access management platform. Based on a new chip complying with most recent security demands, these tokens come in replacement of our market-proofed SafeNet OTP 110 token, providing a fully backward compatible solution with the OTP 111 and a compliance to latest standards—such as the SHA256 hash algorithm- with the OTP 112.

When an end-user enters an OTP generated by their device, the OTP is sent to the authentication backend server. The server verifies the OTP and when satisfied with its authenticity, grants the necessary access. In addition, if an end-user should lose their token or device, when provided with the right answers to a series of secret questions, the backend server will create a virtual token and generate an OTP that can be used as a one-time access method.

With their flexibility, security, and simplicity, SafeNet Access Management and Authentication platforms are the industry leading solutions for addressing the limitations of static passwords, and offer built-in features to ensure more comprehensive digital security in the future.

Technical Specifications

General

- Supported management platform: SafeNet Trusted Access
- Unconnected key fob token with keychain ring holder
- Event-based OTP (OATH H-OTP)—on demand
- Time-synced OTP (OATH T-OTP)—on demand
- Support of Hmac SHA1 (OTP 111) or Hmac SHA256 (OTP 112)
- 6-8 digits OTP length
- Single button
- No PIN needed
- LCD display of up to eight digits
- High contrast single line display
- Serial number printed on the back
- Waterproof IP67

Certifications and Compliancies

- OATH compliant
- CEM & Europe security (CE)
- CEM USA (FCC part 15, UL 1950)
- ROHS compliant
- WEEE (environment friendly)

Features and Benefits

- Easy to carry—can go on a key ring
- Easy to use—press the button and get your OTP
- End-user PC independence
- Innovative robust design
- Customizable for large orders (case color, logo), min. 5k
- Estimated battery lifetime: 7 years

About Thales OneWelcome Identity & Access Management Solutions

Thales's digital identity products and solutions empower billions of people and things with digital identities worldwide. The Thales OneWelcome Identity & Access Management portfolio enables organizations to build frictionless, trusted and secure digital journeys for customers, business partners and employees. The OneWelcome Identity Platform provides a variety of capabilities from identity verification, single sign-on, passwordless and multi-factor authentication to fraud management, adaptive access, dynamic authorization and consent & preference management for the highest levels of assurance. More than 30,000 organizations trust us with their IAM and data security needs, enabling them to deliver secure digital services to their users.

About Thales Trusted Cyber Technologies

Thales Trusted Cyber Technologies, a business area of Thales Defense & Security, Inc., is a trusted, U.S. provider of cybersecurity solutions dedicated to U.S. Government. We protect the government's most vital data from the core to the cloud to the edge with a unified approach to data protection. Our solutions reduce the risks associated with the most critical attack vectors and address the government's most stringent encryption, key management, and access control requirements.

For more information, visit www.thalestct.com

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