eToken PRO Smartcard

PRODUCT BRIEF

Benefits

- Secure storage of users' credentials, keys and sensitive information
- High level of identity assurance: private keys are never exposed outside the eToken Smartcard
- Simple deployment: out-of- the-box connectivity to security applications via standard security interfaces
- Straightforward integration with third party applications using eToken development tools
- Support for custom applications on the Smartcard via on-board Java applets
- Private labeling and color options for brand enhancement

The Ultimate Solution for Securing Access to Your Network and eBusiness Solutions.

eToken PRO Smartcard, SafeNet's certificate-based authentication token in card form, offers highly secured strong two-factor authentication ensuring authorized user access to sensitive corporate networks and online business applications, as well support for advanced solutions such as digital signature and pre-boot authentication.

eToken PRO Smartcard can generate and store users' personal credentials, such as private keys, passwords and digital certificates, inside the protected environment of the smart card chip. To authenticate, users must supply both their personal eToken device and eToken password, providing a critical added level of security to your digital business resources.

eToken PRO Smartcard is a multi-purpose security token that easily fits into a user's wallet. Supporting a range of security applications including secure remote access, network logon, physical access, digital signature, pre-boot authentication – and more - eToken PRO Smartcard is the ultimate security solution for organizations' diverse needs. In addition, it supports customized branding and printing on the smart card.

Future Proofed and Scalable with Centralized Management Control

eToken PRO Smartcard integrates seamlessly with third party applications through eToken development tools, supports all eToken PKI and password management applications and software development tools, and allows customization of applications and extension of functionality through on-board Java applets. It's also supported by eToken TMS, SafeNet's authentication management platform, which reduces IT overhead by streamlining all authentication operations including deployment, provisioning, enrollment and ongoing maintenance, as well as offering support for lost tokens.

Features

1. Highly secure smart card chip; FIPS and Common Criteria certified
2. On-board RSA 1024-bit and 2048-bit key generation, authentication & digital signing
3. Standard Microsoft CAPI and PKCS#11 support
4. Secure storage and robust file system
5. Integrated secure logical and physical access with proximity coils embedded in the eToken devices
6. Flexible printing, magnetic stripe, and badging options

Enabled Security Services & Applications

- Secure remote access (VPN/ Web)
- Network logon
- Digital signature
- PC Security: boot protection & file encryption
- Combined secure physical and logical access

Technical Specifications

Supported operating systems	• **Windows** - Windows 8.1 (32- and 64-bit), Windows Server 2012 R2, and all previous versions. • **Mac** - Mac OS X 10.9 (Mavericks) and all previous versions. • **Linux** - Supports latest versions of Red Hat, Ubuntu, Debian, SUSE, CentOS and Fedora. For a full list of supported OSs, please see the SafeNet Authentication Client technical specifications.
API & standards support	PKCS#11 V2.20, MS CryptoAPI and CNG (CSP, KSP), Mac Keychain (TokenD), Java Card 2.2.2, GlobalPlatform Version 2.1.1, PC/SC, X.509 v3 certificate storage, SSL v3, IPSec/IKE
Memory size	72K (Java Virtual Machine)
On-board security algorithms	RSA 1024-bit / 2048-bit, DES, 3DES (Triple DES), SHA1, ECC p.256 / p.394
Security certifications	FIPS 140-2 L2 (full device); Common Criteria EAL4+ (smart card chip)
Dimensions	85.6mm X 54mm
ISO specification support	Support for ISO 7816 1 to 4 specifications
Operating temperature	0ºC to 70ºC (32ºF to 158ºF)
Humidity rating	0-100% without condensation
Memory data retention	At least 10 years
Memory cell rewrites	At least 500,000

The SafeNet Family of Authentication Solutions

SafeNet's suite of authentication solutions includes certificate-based, OTP, hybrid and software authenticators. All authenticators, together with SafeNet's extensive management platforms and security applications, empower you to:

- **Conduct business securely and efficiently** and open new market opportunities with innovative products that enable secure remote access and advanced security applications such as certificate-based authentication, digital signing and pre-boot authentication.

- **Reduce risk with** strong authentication solutions that prevent fraud and data theft and enable compliance to industry regulations.

To learn more about SafeNet's complete portfolio of authentication solutions, please visit our website at www.safenet-inc.com/authentication/.