Trusted Cyber Technologies

THALES
Building a future we can all trust

SafeNet eToken 5300 Series
PKI-based Multi-factor Authenticators

In today's world of on-the-move workforces and mobility, enterprise IT needs to carefully balance security with convenience. Organizations are long-past feeling comfortable with simple user name and passwords being the only protection keeping unwanted intruders from gaining access to networks and identities. That is why more and more businesses depend on Public Key Infrastructure (PKI) to provide the strong security to maintain a safe digital environment.

Ultra-secure MFA—Portable Form Factors

SafeNet eToken 5300 series is an ideal solution for enterprises looking to deploy the military-grade security of PKI, while maintaining a convenient solution for employees. These tokens feature compact, tamper-evident USB with presence detection, which creates a third factor of authentication. Something you have (physical token), something you know (PIN), something you do (touching the token). SafeNet eToken 5300 series provides a state of the art design with durable plastic

SafeNet eToken 5300 is offered in two sizes:

- The Mini form factor features extensive landscape for custom logos or company name.
- The Micro form factor features USB-A connector and is the smallest USB form factor in the industry and is perfect for users who want to leave the token continuously plugged to the port (similar to a USB RF dongle).

SafeNet eToken 5300 holds FIPS 140-2 certification for the full token boundary and Common Criteria EAL 6+ certification at the chip boundary.

SafeNet eToken 5300-C is offered in mini size only:

This new token is based on a new design language which supports USB-C connection and enables landscape for custom logos or company name.

SafeNet eToken 5300 series offers multi-application dynamic smart card functionality. It can be used with any USB connection for Identity and Access Management applications such as network authentication, digital signatures, email encryption and other advanced services based on Public Key Infrastructure (PKI).

Benefits

- Improves productivity by allowing employees and partners to securely access corporate resources
- Adds security capabilities with presence detector sensor
- Enables advanced certificate-based applications, such as digital signature and pre-boot authentication
- Expands security applications through on-board Java applets supported applications
- Secure remote access to VPNs and Web portals
- Secure network logon
- Email encryption
- Digital signing
- Pre-boot authentication

Multiple-Purpose Single Touch

SafeNet eToken 5300 and 5300-C are perfect for enterprises that are serious about security and usability, but want to provide employees with an easy-to-use-and frictionless solution—without multiple PIN entries or bulky form factors. With the Presence Detection feature, enterprise IT can allow easier user experience for employees by requiring user PIN only at logon. In this way, employees can use the advanced functionality of PKI, such as digitally signing documents and encrypting email by simply touching the sensor on the token, saving the user from having to enter a PIN multiple times.

Advanced PKI Advantages

SafeNet eToken 5300 is supported by SafeNet Authentication Client (10.5) and SafeNet eToken 5300-C is supported by SafeNet Authentication Client (10.8) for full local admin and support for advanced token management, events and deployment. In this way, employees can use the advanced functionality of PKI, such as digitally signing documents and encrypting email by simply touching the sensor on the token, saving the user from having to enter a PIN multiple times.

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

Technical Specification

	SafeNet eToken 5300 Mini and Micro	SafeNet eToken 5300-C
Supported operating systems	Windows Server 2019, Windows Server 2016, Windows Server 2012 and 2012 R2, Windows 10 up to and including 21H1 Windows 8.1, Windows 8, Mac OS, Linux	Windows Server 2019, Windows Server 2016, Windows Server 2012 and 2012 R2, Windows 10 up to and including 21H1 Windows 8.1, Windows 8, Mac OS, Linux
API & standards support	PKCS#11, Microsoft CAPI and CNG (CSP,KSP), Mac CTK PC/SC, X.509 v3 certificate storage, TLS 1.2 & 1.3, IPSec/IKE	PKCS#11, Microsoft CAPI and CNG (CSP,KSP), Mac CTK PC/SC, X.509 v3 certificate storage, TLS 1.2 & 1.3, IPSec/IKE
Memory size	80K	80K
On-board security algorithms	Hash: SHA-256, 384 and 512 RSA: 2048 for SafeNet eToken 5300 Elliptic curves: P-256, P-384 and P-521, ECDSA, ECDH	Hash: SHA-256, 384 and 512 RSA: Up to 4096 for SafeNet eToken 5300-C Elliptic curves: P-256, P-384 and P-521, ECDSA, ECDH

	SafeNet eToken 5300 Mini	SafeNet eToken 5300 Micro	SafeNet eToken 5300-C
Security certifications	FIPS 140-2 level 3	FIPS 140-2 level 2	FIPS 140-2 level 3 (SC chip and OS)
Dimensions	40.5mm * 16mm * 8mm	18mm * 12mm * 4.5mm	36.8mm * 12.2mm * 6.4mm
ISO specification support	Support for ISO 7816-1 to 4 specifications		
Operating temperature	0º C to 70º C (32º F to 158º F)		
Storage temperature	-40º C to 85º C (-40º F to 185º F)		
Humidity rating	0-100% without condensation		
Water resistance certification	IP X7 – IEC 529		
USB connector	USB type A; supports USB 1.1 and 2.0 (full speed and high speed)		USB type C
Casing	Hard molded plastic, tamper evident		
Memory data retention	At least 10 years		
Memory cell rewrites	At least 500,000		

3465 Box Hill Corporate Center Drive, Suite D, Abingdon, MD 21009 • 443-484-7070 • info@thalestct.com
thalestct.com