Trusted Cyber Technologies

THALES
Building a future we can all trust

SafeNet eToken 5110 series

To protect identities and critical business applications in today's digital business environment, organizations need to ensure access to online and network resources is always secure, while maintaining compliance with security and privacy regulations. SafeNet eToken 5110 offers two-factor authentication for secure remote and network access, as well as certificate-based support for advanced security applications, including digital signature and pre-boot authentication.

Two-Factor Authentication you can Trust

SafeNet eToken 5110 is a portable two-factor USB authenticator with advanced smart card technology. Certificate-based technology generates and stores 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 SafeNet eToken authenticator and password, providing a critical second level of security beyond simple passwords to protect valuable digital business resources.

Benefits

- Improves productivity by allowing employees and partners to securely access corporate resources
- Enables advanced certificate-based applications, such as digital signature and pre-boot authentication
- Portable USB token: no special reader needed
- Simple and easy to use – no training or technical know-how needed
- Enhance marketing and branding initiatives with private labeling and color options.

Supported Applications

- Strong two-factor authentication (phishing - resistant)
- Secure remote access to VPNs and Web portals
- Secure network logon
- Email encryption
- Digital signing
- Pre-boot authentication

Technical Specifications

	SafeNet eToken 5110+ FIPS	SafeNet eToken 5110+ CC	SafeNet eToken 5110+
API & standards support	• BaseCSP minidriver (SafeNet minidriver) • Global Platform 2.2.1 • Java Card 3.05 • ISO 7816	• BaseCSP minidriver (SafeNet minidriver) • Global Platform 2.2.1 • Java Card 3.04 • ISO 7816	• BaseCSP minidriver (SafeNet minidriver) • Global Platform 2.2.1 • Java Card 3.04 • ISO 7816
Memory size	78KB	At least 73KB	80KB
Supported operating systems	Windows, MAC, Linux		
Dimensions	5110–16.4mm*8.5mm*40.2mm		
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 60529		
USB connector	USB type A; supports USB 1.1 and 2.0 (full speed and high speed)		
Casing	Hard molded plastic, tamper evident		
Memory data retention	At least 10 years		
Memory cell rewrites	At least 500,000		
On-board security algorithms	• Symmetric: AES—For secure messaging and 3DES for Microsoft Challenge/Response only • Hash: SHA-1, SHA-256, SHA-384, SHA-512. • RSA: up to RSA 4096 bits • RSA OAEP & RSA PSS • P-256 bits ECDSA, ECDH. P-384 & P-521bits ECDSA, ECDH • On-card asymmetric key pair generation (RSA up to 4096 bits & Elliptic curves up to 521 bits)	• Symmetric: AES—For secure messaging and 3DES for Microsoft Challenge/Response only • Hash: SHA-1, SHA-256, SHA-384, SHA-512 • RSA: up to RSA 4096 bits • RSA OAEP & RSA PSS • P-256 bits ECDSA, ECDH. P-384 & P-521bits ECDSA, ECDH are available via a custom configuration • On-card asymmetric key pair generation (RSA up to 4096 bits & Elliptic curves up to 521 bits)	• Symmetric: 3DES (Triple DES), AES 128/192/256 bit • Hash: SHA1, SHA256 • RSA: up to RSA 2048 bits • Elliptic curves: P-256, P-384, ECDH
Security certifications	FIPS 140-2 TAA Compliant	CC EAL5+ / PP QSCD, eIDAS qualified for both eSignature and eSeal The French "Qualification Renforcée" required by the French government, administration and military is also available if necessary.	CC EAL6+ SC Chip certified
Smart Card Platform	IDPrime 930	IDPrime 940B	Thales IDCore 30 and eToken applet

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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