

Product Brief

SafeNet eToken 5110 series

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THALES
Building a future we can all trust



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 strong phishing-resistant 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.



SafeNet eToken 5110

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

About Thales

Today's businesses and governments depend on the cloud, data and software to deliver trusted digital services. That is why the most recognized brands and organizations around the world, rely on Thales to help them protect sensitive information and software wherever it is created, stored or accessed – from the cloud and data centers to devices and across networks. As the global leader in data security, identity & access management, and software licensing, our solutions enable organizations to move to the cloud securely, achieve compliance with confidence, create more value from their software and deliver seamless digital experiences for millions of consumers every day.

About OneWelcome Identity and Access Management Solutions

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.

Technical Specifications

	SafeNet eToken 5110+ FIPS	SafeNet eToken 5110+ CC	SafeNet eToken 5110+ CC(940C)	SafeNet eToken 5110+
API & standards support	<ul style="list-style-type: none"> BaseCSP minidriver (SafeNet minidriver) Global Platform 2.2.1 Java Card 3.05 ISO 7816 Option of tokens manufactured in Cambodia TAA compliant* 	<ul style="list-style-type: none"> BaseCSP minidriver (SafeNet minidriver) Global Platform 2.2.1 Java Card 3.04 ISO 7816 	<ul style="list-style-type: none"> BaseCSP minidriver (SafeNet minidriver) Global Platform 2.2.1 Java Card 3.1.0 ISO 7816 	<ul style="list-style-type: none"> BaseCSP minidriver (SafeNet minidriver) Global Platform 2.2.1 Java Card 3.04 ISO 7816
Memory size	78KB	At least 73KB	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	0° C to 70° C (32° F to 158° F)			
Storage temperature	-40° C to 85° C (-40° F to 185° 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	<ul style="list-style-type: none"> 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-521 bits ECDSA, ECDH On-card asymmetric key pair generation (RSA up to 4096 bits & Elliptic curves up to 521 bits) 	<ul style="list-style-type: none"> 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-521 bits 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) 	<ul style="list-style-type: none"> 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-521 bits 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) 	<ul style="list-style-type: none"> 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	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 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	SafeNet IDPrime 930	SafeNet IDPrime 940B	SafeNet IDPrime 940C	Thales IDCore 30 and eToken applet

* Trade Agreement Act

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