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SafeNet eToken 5110

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.

Future-Proofed and Scalable with Centralized Management Control

SafeNet eToken 5110 is based on the advanced Thales IDCore platform, and integrates seamlessly with third-party applications through SafeNet Authentication development tools, supports SafeNet PKI and password management applications and software development tools, and allows customization of applications and extension of functionality through on-board Java applets. SafeNet eToken 5110 is supported by SafeNet Authentication Manager (excluding SafeNet eToken 5110 CC), which reduces IT overhead by streamlining all authentication operations, including deployment, provisioning, enrollment, and ongoing maintenance, as well as offering support for lost tokens. SafeNet eToken 5110 is also supported by SafeNet Authentication Client for full local admin and support for advanced token management, events and deployment

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
- Expand security applications through on-board Java applets
- Enhance marketing and branding initiatives with private labeling and color options.

Supported Applications

- Secure remote access to VPNs and Web portals and Cloud Services
- Secure network logon
- Digital signing
- Pre-boot authentication

Technical Specifications

Supported operating systems	Windows Server 2008/R2, Windows Server 2012 and 2012 R2, Windows 7, Mac OS, Linux, Windows 8, Windows 10		
API & standards support	PKCS#11, Microsoft CAPI, PC/SC, X.509 v3 certificate storage, SSL v3, IPSec/IKE, MS minidriver, CNG		
Memory size	80K		
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		
	SafeNet eToken 5110 FIPS	**SafeNet eToken 5110 CC**	**SafeNet eToken 5110**
On-board security algorithms	• Symmetric: AES, 3DES (Triple DES) 128/192/256 bit • Hash: SHA-256 • RSA: 2048-bit, • Elliptic curves: P-256, P-384, ECDH	• Symmetric: 3DES (ECB, CBC), AES (128, 192, 256 bits) • Hash: SHA-1, SHA-256, SHA-384, SHA-512 • RSA: up to RSA 2046 bits (and optionally up to 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) • Symmetric: AES—For secure messaging and 3DES for Microsoft Challenge/ Response only	• Symmetric: 3DES (Triple DES), AES 128/192/256 bit • Hash: SHA1, SHA256 • RSA 1024-bit / 2048-bit • Elliptic curves: P-256, P-384, ECDH
Security certifications	FIPS 140-2 level 3	CC EAL5+	FIPS 140-2 level 3(SC chip and OS)
Smart Card Platform	Thales IDCore 30 (rev B) and eToken applet	IDPrime MD 940	Thales IDCore 30 and eToken applet

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