

eToken PRO

eToken™
YOUR KEY TO eSECURITY

***Portable USB Token
With Advanced
Smart Card Technology***



Aladdin®
SECURING THE GLOBAL VILLAGE

eToken PRO - The Ultimate Solution for Securing Access to Your Networks and eBusiness Solutions

eToken PRO, Aladdin's world leading USB smart card token, offers highly secured strong two-factor authentication ensuring valid user access to sensitive business data, applications, and online services.

eToken PRO 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.

Cost-effective and easy to use, eToken PRO is a portable, reader-less smart card that users can take with them wherever they go and plug into any computer with a USB port. With its advanced on-board cryptographic processing capabilities, security certifications and physical tamper-evident and water-resistant casing, eToken PRO is ideal for your corporate network and eBusiness security needs.

⊕ How credible is your digital signature?

Authentication and digital signatures based on software-based private keys stored on the PC can potentially be compromised. Relying on a digital signature created in a software environment does not guarantee that the signature was created by the legitimate owner.

eToken PRO is designed to prevent any unauthorized access or copying of users' private keys even if the password is compromised in the PC environment. More importantly, the actual signature is created inside the eToken device – a fully secure environment. Users' private keys never leave the token. With eToken PRO your users can easily sign valuable transactions guaranteeing proof of authenticity and non-repudiation.



+ Features

- Highly secure smart card chip; Common Criteria certified
- On-board RSA 1024-bit and 2048-bit key generation, authentication & digital signing
- Standard Microsoft CAPI and PKCS#11 support
- Secure storage and robust file system
- Hardened tamper-evident and water-resistant shell
- Standard USB interface
- Integrated secure logical and physical access with proximity coils embedded in the eToken devices
- Flexible customized color, security coding and logo printing options

+ Benefits

- Secure storage of users' credentials, keys and sensitive information
- Portable USB design: no special reader needed
- High level of identity assurance: private keys are never exposed outside the eToken
- Simple deployment: out-of-the-box connectivity to mainstream security applications via standard security interfaces
- Straightforward integration with third party applications using eToken development tools
- Possible to extend token functionality to be used with your custom applications through loading of Java applets on-board the token*
- Private labeling and color options for brand enhancement

+ Enabled Security Services & Applications

- Secure remote access (VPN/Web)
- Secure Extranet/Intranet access
- Secure network logon
- Secure online B2B and B2C services: financial government, education, healthcare, eCommerce, and more
- Digital signing of transactions
- Secure email communications
- PC Security: boot protection & file encryption
- Combined secure physical and logical access

*With Java token model only

For more information regarding eToken solutions, please go to:

<http://www.Aladdin.com/eToken>

For a full list of eToken Solution Partners, go to:

<http://www.Aladdin.com/partners>

+ eToken PRO Specifications

Supported operating systems	Windows 2000/XP/2003/Vista; Linux Mac OS X (32K and 64K token models only)
API & standards support	PKCS#11 v2.01, Microsoft CAPI, PC/SC, X.509 v3 certificate storage, SSL v3, IPSec/IKE
Models by memory size	32K, 64K (Siemens CardOS) 72K (Java Virtual Machine)
On board security algorithms	RSA 1024-bit / 2048-bit, DES, 3DES (Triple DES), SHA1
Security certifications	FIPS 140-2 L2&3 (full device); Common Criteria EAL4/EAL5 (smart card chip and OS); <i>(Certifications differ per model; please inquire)</i>
Dimensions	52 x 16 x 8 mm (2.05 x 0.63 x 0.31 inches)
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 X8 – IEC 529
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



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