eToken PRO Smartcard

eToken
YOUR KEY TO eSECURITY

Smart Card
for Enhanced Security

Aladdin
SECURING THE GLOBAL VILLAGE

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

eToken PRO Smartcard, Aladdin's advanced authentication token in card form, offers highly secured strong two-factor authentication ensuring valid user access to sensitive business data, applications, and online services.

eToken PRO Smartcard 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.

eToken PRO Smartcard is a multi-purpose security token that easily fits into a user's wallet. With its advanced on-board cryptographic processing capabilities, security certifications a flexible range of customization options, eToken PRO Smartcard 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 Smartcard 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 Smartcard 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
- Integrated secure logical and physical access with proximity coils embedded in the eToken devices
- Flexible printing, magnetic stripe, and badging options

⊕ Benefits

- Secure storage of users' credentials, keys and sensitive information
- 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 smart card*
- 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 Smartcard 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	Common Criteria EAL4+/EAL5+ (smart card chip and OS) *(Certifications differ per model; please inquire)*
ISO specification support	Support for ISO 7816 1 to 4 specifications
Memory data retention	At least 10 years
Memory cell rewrites	At least 500,000

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