



## ASEKey Crypto USB Token

**MS CAPI • PKCS#11 • PC/SC • S/MIME • X.509 • WHQL • USB • Windows • Linux • Mac OS X**

ASEKey Crypto USB Token is Athena's high performance smart card based USB token.

ASEKey Crypto USB Token provides the strong authentication and cryptography capabilities of Athena's ASECard Crypto Smart Card in the convenient and portable ASEKey USB token form factor.

The ASEKey Crypto is optimized for PKI applications, using its fast on-board RSA key generation capability and providing efficient management and storage of private and public keys, X.509 Digital Certificates and full support for PGP applications.

Designed to fully conform to the Microsoft smart card architecture and applications supporting CAPI, PKCS#11, or PKCS#15 applications and providing transparent cross-platform support for Windows, Linux and Mac OS X, using a unified data structure. ASEKey Crypto USB Token also has support for Windows Vista new generation crypto engines and smart card architecture.

ASEKey Crypto is supported by the extensive ASECard Crypto Toolkit which includes MS CAPI And PKCS#11 middleware, personalization and management utilities, providing full administrative control over the token's security policy. In addition ASEKey a PKCS#15 interface.

ASEKey Crypto utilizes the advanced high-security architecture, sophisticated memory management and efficient algorithm implementation of Athena's ASEPCOS technology to provide a high performance and secure solution to all corporate authentication needs.

### Highlights:

- Smart Card Logon, VPN, SSL, and more.
- CAPI and PKCS#11 and PKCS#15 support
- On-token, fast, RSA (up to 2048 key-pair generation)
- On-token digital signature and verification
- Powered by Athena's ASEPCOS technology
- Personalization and management utilities
- Cross platform: Windows/ Linux /Mac OS X

### Application Support (partial list):

- Windows Network Smart Card Logon
- Outlook and Outlook Express mail signing and encryption (S/MIME)
- Microsoft VPN, IIS SSL, Run as, CA Root Certificate Storage
- PGP
- Adobe Acrobat document signing/encryption
- VPNs - Checkpoint, Cisco, Microsoft
- Citrix Metaframe, Novell, SSH, Lotus Notes
- Firefox

**Specifications:**

<b>EEPROM</b>	72KB
<b>Supported ISO standards</b>	ISO7816-3, 4, 8, 9
<b>Cryptographic algorithm support</b>	RSA up to 2048bits, Triple-DES, DES, AES
<b>Hashing algorithm</b>	SHA-1, SHA-256, MD5
<b>Protocol</b>	T=1
<b>Middleware support</b>	CAPI, PKCS#11 v2.11, PKCS#15
<b>Host Interface</b>	USB Full Speed 12Mbit/s
<b>Power Source</b>	USB port
<b>Safety &amp; Environmental Standard</b>	FCC Class B, CE
<b>Operating System Support</b>	Windows Vista, XP, 2000, Server 2003, Linux, Mac OS X
<b>Token measurements</b>	4.7 / 1.6 / 0.8 cm (L / W / H) Weight: 4 Grams

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