



eToken Software Developer's Kit

ENHANCE YOUR SECURITY SOLUTION

eToken Software Developer's Kit (SDK)

If your organization is developing customized security applications or any application – such as e-banking or e-healthcare – that can benefit from strong user authentication and digital signatures, the eToken Software Developer's Kit (SDK) is for you. The eToken SDK provides everything you need to integrate eToken security functionality into your applications. The eToken SDK is available for a wide variety of operating systems, and supports industry standard APIs for seamless integration with third-party applications. A special 16-bit level interface is available for pre-boot operations, allowing implementation of high security systems.

The eToken product suite includes a variety of devices and products, all of which can be integrated to enhance any third-party solution developed with eToken SDK.

eToken offers full support for the following:

APIs

- PC/SC reader
- PKCS#11
- Microsoft Crypto API
- X509 v3 certificates
- IPSec/IKE, SSLv3, S/MIME
- 16-bit

Tools

- eToken Format Utility
- CAPI & PKCS11 object viewers
- eToken password quality settings
- eToken editor
- eToken certificate converter
- eToken SDK samples

* Check Availability

Devices

Types

- eToken R2 - DESX 120-bit encryption
- eToken Pro - RSA 1024, 3DES, SHA-1
- eToken PRO Smartcard - RSA 1024/3-DES/SHA-1
- eToken NG* - RSA 2048, 3DES, SHA-1

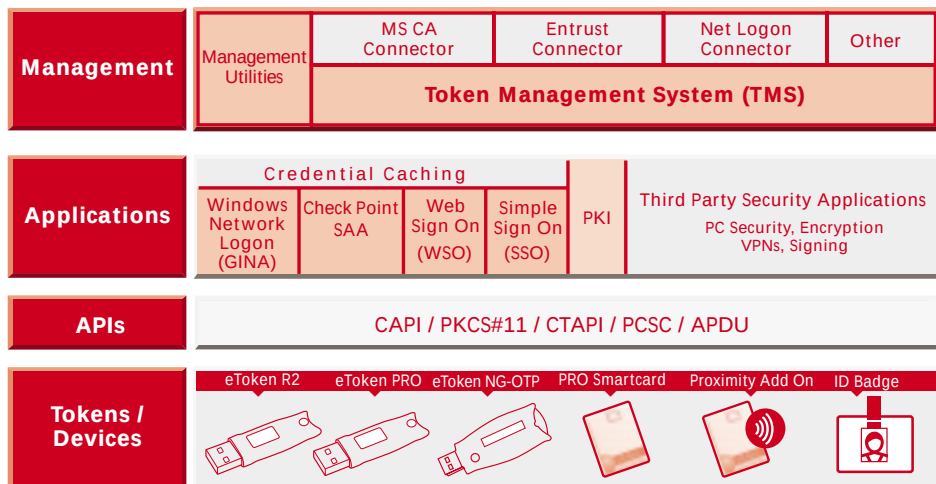
Functionality

- Secure storage of private credentials
- On-board RSA key generation
- Robust plug-and-play USB connectivity
- Strong two-factor user authentication

Benefits

- Robust and flexible tools for integrating tokens and smartcards with third-party security applications.
- Standard APIs ensure seamless interoperability with mainstream security applications.
- Advanced 16-bit drivers enable integration of tokens and smartcards in pre-boot mode.
- Large variety of form factors.

eToken Architecture & Products:



The eToken SDK can be used with a variety of applications that require secure user identification and authentication, as well as digital signatures and encryption of private information. These include:

- User identification and authentication to a PC or to a local area network.
- Remote-access security clients.
- Web authentication (i.e. for subscription services).
- E-banking.
- Digital signatures and document signing.
- Secure email for applications that utilize S/MIME, including Microsoft Outlook/Outlook Express and Netscape Messenger.
- PC boot protection and laptop theft protection.
- File and desktop access control.
- Single sign-on reinforcement.
- Holder of personal credentials and information, including e-wallet.
- Extranet and web access, including SSL and HTTP.
- Virtual Private Network (VPN) applications.



For more info: eAladdin.com/eToken

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