

eToken NG-OTP

eToken NG-OTP Specifications

Operating systems	Windows 98/98SE/Me/2000/XP, and Windows NT4.0 SP6 and later
API & standards support	PKCS#11 v2.01, CAPI (Microsoft Crypto API), Siemens/Infineon APDU commands PC/SC, X.509 v3 certificate storage, SSL v3, IPSec/IKE
Models (by memory size)	32K, 64K
On board security algorithms	RSA 1024-bit, DES, 3DES (Triple DES), SHA1
OTP security algorithm	OATH compliant (based on HMAC/SHA1)
Dimensions	69.5 x 28.5 x 11.5 mm (2.74 x 1.12 x 0.45 inches); LCD view area 29.1 x 8.0 mm (1.15 x 0.31 inches)
ISO specification support	Support for ISO 7816-1 to 4 specifications
Weight	20g
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
Connector	USB type A (Universal Serial Bus)
Casing	Hard molded plastic
Battery lifetime	14,000 Clicks / 7 Years (replaceable battery)
Memory data retention	At least 10 years
Memory cell rewrites	At least 500,000

eToken™
YOUR KEY TO eSECURITY

**Hybrid USB Smartcard Token
with Integrated One-Time
Password (OTP) Technology**



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eToken NG-OTP The First USB Smartcard Token with One-Time Password Functionality

The Aladdin eToken NG-OTP is a hybrid USB and One-Time Password (OTP) token. It combines the full functionality of the Smartcard-based eToken PRO - including PKI encryption and digital signing, secure credential storage, and more - with OTP technology for strong user authentication to network resources in detached mode.

eToken NG-OTP is highly flexible and versatile, enabling a variety of strong authentication methods and security related solutions, all in one device. eToken NG-OTP is the ultimate solution for enterprise security in a diverse environment, with a wide range of networks, applications, and customer needs.

+ Features

- USB token with OTP function (LCD display, battery, and OTP generation button)
- Replaceable battery with low battery indicator
- Smartcard support for RSA 1024 bit, Triple DES, SHA1
- Support for the OATH OTP protocol
- Standard PKI Support for CAPI, PKCS11 and RADIUS OTP
- Fully compatible with eToken PRO technology
- Highly secure implementation using Smartcard chip for both PKI and OTP operations
- Robust plug-and-play USB connectivity
- Modular OTP algorithm support
- Strong two-factor authentication: requires both the token itself and the token password
- Non-repudiation using advanced on-board PKI digital signing technology

+ Benefits

- Flexible and versatile solution: PKI, OTP, secure credential storage
- Highly secure Smartcard technology
- Zero footprint authentication
- Easy back-end configuration
- Fully compatible with eToken solutions
- Improved and cost effective password management
- Long lifetime

+ Enabled Security Services & Solutions

- Secure network logon
- Windows and web-based application authentication
- Email encryption and digital signing
- Strong authentication and secure transaction signing for online financial services, eBanking, and eCommerce applications
- VPN authentication
- Remote Access Server (RAS) authentication
- PC Security: boot protection, disk encryption, and file encryption
- Online government services: citizen information, vehicle registration, tax returns and healthcare
- Secure physical access

+ What is the benefit of this combined device?

eToken NG-OTP integrates multiple authentication methods into a single security device. As an example, an employee can strongly authenticate to his organization's network while in the office by connecting the eToken to his computer's USB port. When a USB connection is not possible - for example, in an Internet café - the user may use the same token to securely access the network via a VPN connection, with an eToken one-time password. With eToken NG-OTP, the user enjoys the full variety of Aladdin eToken solutions, and has the capability of using eToken for strong two-factor authentication in a wide variety of scenarios.

+ Key Application Support



Network Security Clients: Windows 2000 Smartcard and NT Novell network logon, CheckPoint VPN client, Cisco VPN client, RAS Dialup / RADIUS. Also support for various PC security and file encryption applications.



eBusiness Security Clients: Web Browser SSL v3 interoperability: Microsoft Internet Explorer public key authentication. Netscape Navigator public key authentication and signing. Support for various solution partners' communication & encryption applications.



PKI and CA Support: Baltimore, Entrust, Microsoft, VeriSign, DST, RSA Keon, and others.



Email Clients: Microsoft Outlook/Outlook Express & Internet Explorer, Netscape Messenger, Lotus Notes, Mozilla.

For a full list of eToken Solution Partners, go to:
<http://www.Aladdin.com/partners>

For more information regarding eToken solutions, please go to:
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