

# eToken NG-OTP

eToken™  
YOUR KEY TO eSECURITY

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



**Aladdin®**  
SECURING THE GLOBAL VILLAGE

# eToken NG-OTP The First USB Smart Card Token with

The Aladdin eToken NG-OTP is a hybrid USB and One-Time Password (OTP) token. It combines the full functionality of the smart-card-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
- Smart card support for RSA 1024- and 2048-bit keys, Triple DES, SHA1
- Support for the OATH OTP protocol
- Standard Support for CAPI, PKCS#11 and RADIUS OTP
- Fully compatible with eToken PRO technology
- Highly secure implementation using smart card 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
- Integrated secure logical and physical access with proximity coils embedded in the eToken devices

## + Benefits

- Flexible and versatile solution: PKI, OTP, secure credential storage
- Highly secure smart card technology
- Zero footprint authentication
- Easy back-end configuration
- 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

# One-Time Password Functionality

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



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

For more information regarding eToken solutions, please go to:  
<http://www.Aladdin.com/eToken/solutions.asp>

## eToken NG-OTP Specifications

Operating systems	Windows 2000/XP/Vista/2003/2008 (32-bit and 64-bit) MacOS X; Linux
API & standards support	PKCS#11 v2.01, Microsoft CAPI, PC/SC, X.509 v3 certificate storage, SSL v3, IPSec/IKE
Memory size	72K (Java Virtual Machine)
On board security algorithms	RSA 1024-bit / 2048-bit, DES, 3DES (Triple DES), SHA1
OTP security algorithm	OATH compliant (based on HMAC/SHA1)
Security certifications	Common Criteria EAL4+ (smart card chip) In evaluation: FIPS 140-2 (complete device)
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; supports USB 1.1 and 2.0 (full speed and high speed)
Casing	Hard molded plastic
Battery lifetime	10,000 OTP generations / 5 Years
Memory data retention	At least 10 years
Memory cell rewrites	At least 500,000

Note: eToken NG-OTP 32K, 64K (Siemens CardOS based) is also available.

Please inquire for details.



For more contact information, visit: [www.Aladdin.com/contact](http://www.Aladdin.com/contact)

North America: +1-847-818-3800 • International: +972-3-978-1111 • UK: +44-1753-622-266 • Germany: +49-89-89-4221-0 • France: +33-1-41-37-70-30 • Benelux: +31-30-688-0800 • Spain: +34-91-375-99-00  
Italy: +39-022-4126712 • Portugal: +351 21 412 36 60 • Sweden: +46(0)8-588-370-40 • Israel: +972-3-978-1111 • India: +91-22-67255943 • China: +86-21-63847800 • Japan: +81-426-607-191 • Mexico: +52-1-55-4159-9733

