

# 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

# 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 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:

<http://www.Aladdin.com/eToken/solutions.asp>

# 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

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- 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

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- 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

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- 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

## eToken NG-OTP Specifications

Operating systems	Windows 2000/XP/2003/Vista; MacOS X; Linux
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
On board security algorithms	RSA 1024-bit / 2048-bit*, DES, 3DES (Triple DES), SHA1 (* Available with 64K model)
OTP security algorithm	OATH compliant (based on HMAC/SHA1)
Security certifications	FIPS 140-2 L2 (full device); Common Criteria EAL4/EAL5 (smart card chip and OS)
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: This device complies with IEC/EN 60950-1:2001 First Edition Regulations. It must be used with computers or hubs that are also certified to comply with IEC/EN 60950-1.



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

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