



PASSWORD MANAGEMENT
FOR NETWORK LOGON

eToken™
YOUR KEY TO eSECURITY

Secure Network
Logon



Secure Network Logon – Your Network Simplified Sign-On Solution

Microsoft® Windows domain servers offer organizations integrated network logon solutions.

These are based on various authentication mechanisms ranging from simple verification of username and password to full PKI Smartcard-based authentication. eToken enables network administrators to implement strong two-factor user authentication when logging on to Windows NT, 2000 and XP Domain servers.

A single eToken supports both password-based and PKI-based network authentication, enabling generation and storage of PKI keys for smartcard logon, as well as secure storage of user network access credentials.

To log-on to the network, a user simply inserts the eToken into the USB port and enters the unique eToken password.

Features

Token Device

- eToken PRO (USB and smartcard form factors) - RSA 1024/2048 / 3-DES / SHA-1 (onboard RSA 1024/2048 operations)
- eToken NG-OTP - Hybrid eToken PRO USB with One-Time Password technology
- Standard USB connectivity
- Memory size options: 32K, 64K
- Secure storage of private keys and credentials
- On-board cryptographic processing
- Standard USB connectivity for multiple business applications (CAPI, PKCS#11)

eToken Network Logon

- Securely stores network logon credentials on the eToken device
- Communicates with Microsoft Network Logon (GINA) mechanism
- Provides strong two-factor authentication by requiring both the eToken device and the eToken password
- Supports storage and management of multiple user profiles on one token
- Supports generation of random network logon passwords
- Supports network password change procedures
- Robust deployment and life-cycle management capabilities with Aladdin Token Management System (TMS)

Benefits

- Strong 2-Factor authentication ensures that only authorized users can access the network
- Simple to use; all a users need to do is insert the eToken into the USB port and enter a simple easy to remember eToken password for all approved applications
- Dual mode support for Username, Password and PKI authentication enables administrator's maximum flexibility and easy migration to newer technologies
- eToken eliminates the need to store access profiles, certificates and keys on a hard disk ensuring maximum security, portability and ease of use

How safe is a password?

Relying on one-factor authentication only (memorized password) seriously weakens the security of a network logon system.

Users are advised to change passwords frequently, and to never write them down. However, it can be difficult to remember several passwords for different applications. As a result, they are rarely changed and often written down, in easily accessible places.



Enhancing Windows Network Logon with eToken

Storing user PKI keys and authentication profiles on an eToken significantly enhances security levels. eToken provides strong protection through two-factor authentication, portability, and convenience, in a single, compact USB device.

The eToken Network Logon application enables the storage of username, password, and domain name combinations and communicates with the Microsoft network logon (GINA) mechanism. For added security, network logon passwords can be randomly generated and users can be prevented from knowing them.

For smartcard logon solutions, eToken provides secure on-board generation and storage of PKI keys and certificates, offering enhanced security and portability.

The eToken Network Logon offering is fully integrated with the Aladdin Token Management System (TMS), providing full deployment and life cycle management capabilities for all of your users' tokens and the eToken network logon solutions associated with them.

For more information on eToken, visit: www.Aladdin.com/eToken.

For more information on Windows Network Logon, visit: www.microsoft.com.



Novell. Entrust Ready



RSA Keon



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