



# eToken™

YOUR KEY TO eSECURITY

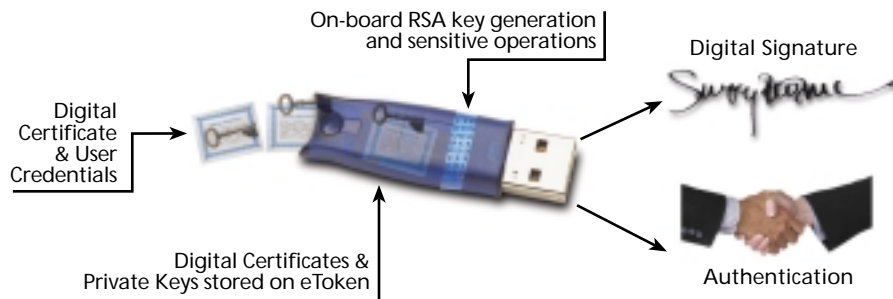


Windows 2000

## for Windows 2000® SmartCard Network Logon

Microsoft® Windows 2000 offers customers an integrated network logon solution based on advanced public key technology. Windows 2000 verifies and authenticates the validity of each party involved in an electronic transaction and lets users log on to a domain server using the additional security provided by smartcards.

Windows 2000 supports the use of eToken in the same way that it supports smartcards, providing maximum security and portability across the enterprise.



NETWORK SECURITY SOLUTIONS  
NETWORK LOGON

### Features

#### eToken

- eToken R2 - DESX 120-bit
- eToken PRO - RSA 1024 / 3-DES / SHA-1
- Secure Storage of Private Credentials
- On-board Cryptographic Processing
- Strong Authentication & Non-Repudiation Support
- Standard USB Connectivity
- Standard Connectivity to Multiple Business Applications (CAPI, PKCS#11)

#### Windows 2000 Security

- Support for smartcard/eToken network logon
- Built-in Certificate Authority (CA) connectivity
- Support for secure email & digital signatures
- User enrollment for certificates from the CA using either the Web or Certificates snap-in
- Trusted root certificates, issued certificates, and CRLs published in Active Directory

### Benefits

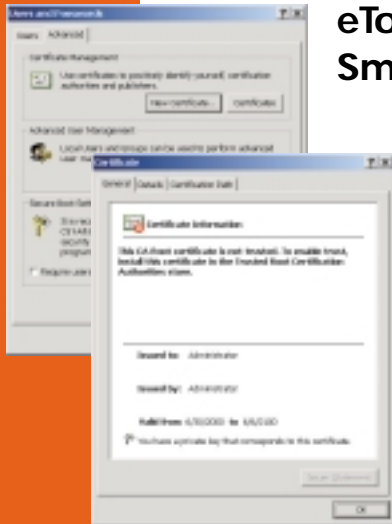
- Reduces the risk of tampering with corporate and personal information.
- High-level security for your "secrets", PC access control, email, digital credentials.
- Highly secured network logon using smartcard technology.
- eToken eliminates the need to store certificates and keys on a hard disk or browser file, or to transmit them across the Internet/Extranet, ensuring peace-of-mind and confidence during online communications.

## PKI, Digital Signatures & Certificates

In today's world of electronic business transactions, organizations need a method to authenticate the identity and validity of users accessing information on computer networks. A public key infrastructure (PKI) is a system that provides solutions for secure eCommerce and network services.

A PKI consists of protocols, services, and standards supporting applications of public key cryptography. In a PKI, every user is assigned a cryptographic key pair consisting of a public key and private key that are mathematically related. The public key is published, while the private key is kept secret.

The Windows 2000 network security infrastructure fully supports Public Key Infrastructure (PKI) standards. Windows 2000 enables administrators to set up an internal Certification Authority (CA) on the Windows 2000 server and to issue digital certificates to users. These certificates can be used to authenticate the user when logging in to the network, and for securing email with digital signatures and encryption.



## eToken Enterprise and Windows 2000 SmartCard Network Logon

Windows 2000 provides an easy-to-use Certificate Enrollment Agent and fully integrated support for smartcard devices, such as eToken. Authorized agents can request certificates for users and can store each user's certificate on an individual eToken. A certificate can be specified for logon authorization only, or for both logon authorization and email security.

System administrators can seamlessly integrate eToken into their Windows 2000 network setup. Integration includes:

- Windows 2000 Active Directory configuration
- Enrollment Agent setup
- eToken Runtime Environment (RTE) installation
- Certificate issuance and storage on eToken

The eToken Runtime Environment (RTE) contains all the necessary files and components needed for eToken to work with a computer. With eToken, users do not need to remember different passwords for different user accounts and certificates, only the password for their personal eToken. All authorization details can be carried on a key chain or in their pocket and used securely on any Windows 2000 client computer set up for use with eToken.

For more information on eToken, visit [www.eAladdin.com/eToken](http://www.eAladdin.com/eToken)

For more information on Windows 2000 smartcard logon, visit [www.microsoft.com](http://www.microsoft.com).



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