

Entrust/PKI™

eToken™

YOUR KEY TO eSECURITY

for Entrust/PKI™

Entrust provides organizations with a fully integrated Public Key Infrastructure (PKI) system that enables online Certification of PKI credentials and of digital certificates. Entrust solutions can enable a number of security services including strong authentication and non-repudiation of transactions, when communicating with standard browsers.

eToken Pro enables users of Entrust Certification Authority (CA) to perform sensitive on-chip RSA Key operations, ensuring that users' keys are never exposed to the hostile PC environment. eToken eliminates the need to store certificates and keys on a hard disk, browser file or transmitted across the Internet/Extranet ensuring peace of mind and confidence during online communications.

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)
- Full Connectivity to Entrust CA Using Standard Internet Explorer and Netscape Browsers

Entrust PKI

- Certification Authority Services
- LDAP Support
- Registration Authority
- Multiple Client Application Support
- X.509 v3 Certificate Support

Benefits

- High-level security for users' private credentials & digital certificates. Users' can authenticate, encrypt, sign and decrypt electronic transactions with full confidence.
- Two-factor authentication is enabled for a variety of network security applications, ensuring a high level of security through reliance on a hardware based USB device.
- Entrust keys & certificates stored on the eToken operate transparently with any standard browser or eMail client.

NETWORK SECURITY SOLUTIONS
PORTABLE PKI



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 network services and eCommerce.

A PKI consists of protocols, services and standards supporting applications of public key cryptography. In a PKI, every user is assigned a cryptographic 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. eToken is designed to keep the users' "private key" secure!



Entrust Components:

- Certificate Authority (CA)
- Registration Authority (RA)

eToken Enterprise & Entrust Certificates

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 a pocket, and used securely on any computer set up for use with eToken.

For more information on eToken, visit www.eAladdin.com/eToken
For more information on Entrust, visit www.entrust.com

Aladdin[®]
SECURING THE GLOBAL VILLAGE

Microsoft
Security Partner

International T: +972 3-6362222, F: + 972 3-5375796, etoken@eAladdin.com North America: T: 1 800-562-2543, 1 847-808-0300,
F: 1 847-808-0313, etoken.us@eAladdin.com UK T: +44 1753-622-266, F: +44 1753-622-262, etoken.uk@eAladdin.com
Germany T: +49 89-89-4221-0, F: +49 89-89-4221-40, etoken.de@eAladdin.com Benelux T: +31 30-688-0800 F: +31 30-688-0700,
etoken.nl@eAladdin.com France T: +33 1 41 37 70 30, F: +33 1 41 37 70 39, etoken.fr@eAladdin.com Israel T: +972 3-6362313,
F: +972 3-6362318, etoken.il@eAladdin.com Brazil T: +55 21-235-2499, F: +55 21-236-0768, etoken.br@eAladdin.com
Japan T: +81 426-607-191, F: +81 426-607-194, etoken.jp@eAladdin.com Russia T: +7 095-923-0588 F: +7 095-928-6781,
etoken.ru@aladdin.com Spain T: +34 91-375-99-00 F: +34 91-754-26-71, etoken.es@eAladdin.com

