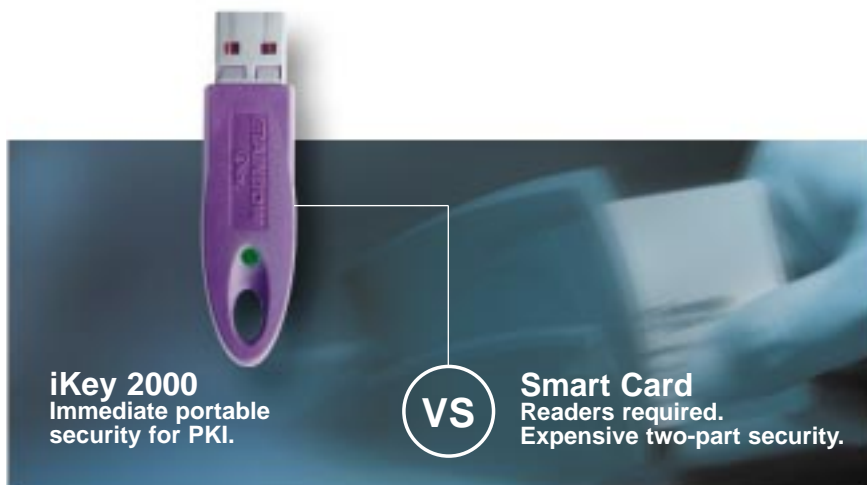




Plug iKey 2000 into the USB port and combine with a PIN to provide strong PKI authentication.



Rainbow's iKey works with a full spectrum of portable and desktop systems and servers – from PCs to Macs and much more.



### Product Overview

In today's networked world, security has never been more important. While networks and systems are more sophisticated than ever before, they are still vulnerable to unauthorized use, putting valuable information at risk.

Rainbow Technologies' iKey 2000 is the first portable PKI authentication token that stores digital certificates in memory on the token. iKey 2000 also generates the private key on the physical device up to 150 times faster than traditional smart card technology.

Wherever smart cards and digital certificates are used, iKey 2000 can provide a plug and play PKI solution. The iKey 2000 plugs into any standard USB port, making it a smart card and reader encompassed in a USB form factor. Integrate iKey 2000 into your solution to provide user authentication for multiple applications and network services. In addition, protect your Virtual Private Network (VPN) and control intranet, extranet, and Internet access. Providing strong user authentication is as simple as installing the client software, plugging in the iKey, and downloading a digital certificate onto the token.

Wherever smart cards, digital certificates, cookies and passwords are used, iKey 2000 provides a PKI authentication solution that employs powerful cryptographic technology. And, unlike smart cards, the iKey does not require the installation of an expensive reader. The iKey is small enough to fit on a key chain.

A leading provider of security solutions, Rainbow Technologies developed the iKey product line to support a range of desktop products, network equipment, portable systems. Rainbow's iKey makes security portable and easy to implement, yet hard to defeat.



*Changing the way the world secures business.*

<http://ikey.rainbow.com>



## SPECIFICATIONS

### iKey 2000 enhances the security of your PKI implementation

The iKey 2000 delivers the security you require for all your PKI authentication needs. The product includes a complete selection of cryptographic libraries for Netscape and Internet Explorer browser applications, as well as Microsoft Outlook, Outlook Express, and Netscape Communicator e-mail clients. In addition, iKey 2000 provides end-user software for complete plug and play user authentication with many PKI technologies. Rainbow offers a rich Software Development Kit (SDK) to provide you with the tools to iKey-enable your application. Featuring 8K of EEPROM, iKey can be customized to meet any user's requirements. Future models will offer expanded memory capabilities.

#### Basic specifications:

- 8K memory
- 8-bit processor
- Physical security at ASIC level
- X.509 certificate storage
- FCC/CE certified
- 1024-bit RSA algorithm on board
- 64-bit unique serial number
- Application controllable LED
- Operates at 1.5Mb/s
- Key generation – 90s
- Key signing – sub one second

#### Middleware:

- Microsoft CAPI
- PKCS #11 (v 2.01)
- Entrust
- Windows 95/98/NT

#### Applications:

- PKI Authentication token
- Virtual Private Networking
- Extranet Access
- Secure e-mail with Netscape Communicator and Internet Explorer
- Secure Web access

#### PKI Partners:

- Baltimore • Celo • Cybertrust • Digital Signature Trust • Entrust • GlobalSign
- IDCertify • Netscape • Verisign • Xcert



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