

iKey 1000 Series

Windows 2000®, Workstation Security
and Secure Remote Access



Replaces user name and password.



The iKey is a USB device utilizing a standardized interface included on virtually all personal computers built since 1997.

Benefits

- Secure Logon
- Workstation Security*
- Secure email
- File Encryption*

* With third party software



Security for Everyday Business

With the proliferation of remote communications capabilities, unauthorized system access and theft of digital identities are on the rise. Mobile workers accessing their corporation's VPN, a business partner accessing an extranet, or a home user shopping on-line are all vulnerable. But unauthorized access isn't just a remote access problem; it is also prevalent at the desktop.

Security Through Authentication

Most computers and networks use simple usernames and passwords to protect themselves. But passwords alone do not provide adequate protection – they are easily shared or guessed. Rainbow Technologies' iKey™ 1000 was designed specifically as a portable and secure authentication token addressing the password replacement needs of both users and systems administrators.

For users, the iKey 1000 is convenient and easy-to-use; simply plug it into an open USB port and enter the iKey's PIN. For systems administrators, the iKey 1000 is a powerful authentication device incorporating random challenges and real-time calculated responses, while shielding the user from the underlying process.

The iKey 1000 is a powerful, portable two-factor authentication token ideally suited for email security, file encryption, Windows 2000 PKI, and desktop security through Windows 2000 smart card logon, iKey-enabled partner solutions, and Intel's IPAA.

For more information on how a Rainbow Technologies iKey solution can benefit your business, visit our corporate Web site at www.rainbow.com/ikey1000, or contact a Rainbow office nearest you.



<http://www.rainbow.com/ikey1000>

SPECIFICATIONS

iKey 1000 enhances the security of your Network and Workstations

Basic Specifications:

- iKey 1000 8K memory
- iKey 1032 32K memory
- PKCS #11 middleware (v2.01)
- Microsoft CAPI/CSP middleware
- Browser-based access to the iKey via Active X and Java components
- 1024-bit RSA (software)
- X.509 digital certificate storage
- MD5 hashing algorithm (hardware)
- Three security levels of file access
- Two-level file directory
- 64-bit unique serial number
- Application controllable LED
- USB 1.1 compliant
- Low power USB device
- Write time for 4KB file = 3s
- Windows 95/98/2000/NT 4.0, Service Pack 4 or later
- ISO 7816-4 compliant
- FCC/CE certified
- Windows 2000 PC/SC compliant
- Approved for Windows 2000

Applications:

- Workstation security through Windows 2000 smart card logon, iKey-enabled partner solutions, and Intel IPAA
- Email signing and encryption through Netscape Navigator and Microsoft Internet Explorer
- Secure Web access through Netscape Communicator and Microsoft Outlook/Outlook Express
- Compatible with Check Point™ VPN-1 SecuRemote Software (iKey VPN solution series)
- PKI compatibility with Windows 2000, Netscape Navigator and Microsoft Internet Explorer
- Secure Remote Access with Radius and VPN

The iKey 1000 SDK 2.0 (optional)

Rainbow Technologies' iKey 1000 was originally designed with the developer in mind. As a result, the iKey 1000 has a robust and well-documented Software Developer's Kit appropriate for integrating the iKey into client/server and browser-enabled applications. The iKey 1000's drivers and support software are modular in design allowing for no-hassle post-sales support.

SDK Specifications:

- Windows 95/98/2000/NT 4.0, Server Pack 4 or later
- Delivered as Win32 DLL and ActiveX components for easy integration and post sales support
- Supports Visual Basic, C++, Java
- Component installer included
- API: PCKS #11 (128 bit), MS-CAPI/CSP (128 bit) and iKey Proprietary API
- Royalty-free distribution license



<http://www.rainbow.com/ikey1000>

50 Technology Drive, Irvine, California 92618

800.852.8569 tel. 949.450.7300 fax 949.450.7450 www.rainbow.com

United Kingdom
Rainbow Technologies Ltd
4 The Forum, Hanworth Lane
Chertsey, Surrey KT16 9JX
Tel: +44 (0) 1932 579200
Fax: +44 (0) 1932 570743
www.uk.rainbow.com

Germany
Rainbow Technologies GmbH
Streiflacher Str. 7
D-82110 Germering
Tel: +49 (0) 89 3217980
Fax: +49 (0) 89 32179850
www.rainbow.de

France
Rainbow Technologies
122, Avenue Charles de Gaulle
92522 Neuilly sur Seine Cedex
Tel: +33 (0) 1414 32900
Fax: +33 (0) 1462 47691
www.rainbow.fr

Additional offices in the United States, Australia, The Netherlands, China, India, Brazil, Japan and Taiwan. Distributors located worldwide.