IRONKEY ENTERPRISE

FIPS VALIDATED 140-2

ENCRYPT MOBILE DATA
REMOTELY MANAGE DEVICES
PREVENT USB MALWARE

INTELLIGENT SELF-DEFENDING SECURE STORAGE

The IronKey Enterprise solution combines hardware-encrypted IronKey USB flash drives with the IronKey Enterprise Remote Management Service. It allows you to remotely administer policies across thousands of IronKey Enterprise devices over the Internet. Embedded strong authentication capabilities enable organizations to use IronKey drives as a scalable platform for secure remote access and virtual desktops.

The World's Most Secure Flash Drive

All user data on an IronKey Enterprise drive is encrypted with high-speed, AES CBC-mode hardware encryption. If a thief tries to break into an IronKey Enterprise device and exceeds a policy-determined number of failed login attempts, the IronKey Cryptochip will lock out the encryption functions and securely erase all encrypted data. IronKey devices have been validated to meet the rigorous government security requirements of FIPS 140-2 Level 2.

Active Anti-Malware Protection

Tens of millions of computers are infected every year with malicious code and viruses that are spread by removable storage devices. IronKey's active defenses deliver layered protection to stop the spread of malware and worms. Proactive defenses prevent changes to AutoRun files and allow administrators to remotely control which computers IronKey devices may be used on. Onboard malware scanning protects the device when files are moved or opened. Additionally, a read-only mode prevents malware from jumping on the device from an infected host PC.

Remote Administration and Policy Enforcement Over the Internet

The IronKey Enterprise Remote Management Service allows you to easily manage thousands of IronKey Enterprise devices and enforce device-specific policies, including password strength, password retry limits and onboard portable applications.

Remotely Disable or Terminate Lost and Stolen USB Drives

A key component of the IronKey Enterprise Remote Management Service is the Silver Bullet Service, which provides powerful options to prevent access to rogue devices—whether lost, stolen or in the possession of a user who has been terminated or deemed an insider threat.

- Deny—Prohibits accessing the data on a device until it can verify status
- Disable—Locks out the user completely the next time the device connects
- Destroy—Instructs the IronKey drive to initiate its self-destruct sequence

Two-Factor Authentication

RSA SECURED

IronKey Enterprise devices have full public-key encryption capabilities, enabling them to be managed securely and remotely. IronKey Enterprise devices support One-Time Password technology, allowing IronKey devices to be used as an RSA SecurID® token, eliminating the need for employees to carry multiple devices. Optional onboard password management software facilitates single sign-on and makes it easy for users to manage all their passwords to Web applications.

"IronKey Enterprise is a powerful and effective way to establish and maintain control over mobile information assets."

Information Security Magazine, February 2009

WHICH IRONKEY IS RIGHT FOR YOU?	BASIC	PERSONAL	ENTERPRISE
Remotely Terminate Compromised Drives			✓
Enforceable Security Policies			✓
Automatic Antivirus Scanning			✓
RSA SecurID® Ready			✓
Identity Protection Services		✓	✓
Secure Password Manager		✓	✓
Hardware-level Active Malware Defenses	✓	✓	✓
Hardware Encryption	✓	✓	✓
Fast & Reliable Storage	✓	✓	✓
Tamper-Resistant & Waterproof	✓	✓	✓

The World's Most Secure Flash Drive

TECHNICAL SPECIFICATIONS

Capacity
1GB, 2GB, 4GB or 8GB

Speed*
Up to 30MB per second Read
Up to 20MB per second Write

Dimensions
75mm X 19mm X 9mm

Weight
.9 oz (25 grams)

Waterproof
MIL-STD-810F

Temperature
Operating: 0 °C, +70 °C
Storage: -40 °C, +85 °C

Operating Shock
16G rms

Hardware
USB 2.0 high speed

Operating System Encryption Compatibility
Windows 2000 SP4, Windows XP SP2+, Vista, Macintosh OS X 10.4+, Linux 2.6+

Hardware Encryption
Data: AES Cipher-Block Chained mode
Encryption Keys: 128-bit Hardware DRNG
PKI: 2048-bit RSA
Hashing: 256-bit SHA
FIPS Validations: 140-2 Level 2, 186-2, 197

Section 508 Compliant

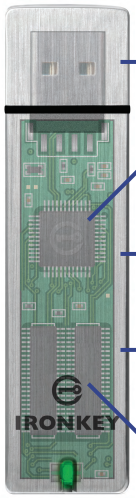
IRONKEY ENTERPRISE REQUIREMENTS

- All stored data is encrypted, all the time
- No software or drivers to install
- Easy to deploy and use
- Customizable to your enterprise policies
- Remotely managed
- Integrates encrypted storage & RSA SecurID
- A secure platform for portable applications

Securely manage all of your organization's IronKey Enterprise devices remotely over the Internet.

Endpoint and Enterprise Application Integration

IronKey Enterprise has been designed to work seamlessly with many of the industry's leading endpoint security software products. IronKey Enterprise devices include an onboard PKCS #11 digital certificate and interface that enable rapid deployment of strong authentication for online enterprise applications.



RUGGED METAL CASING
Waterproof & Tamper-Resistant

ALWAYS-ON HARDWARE ENCRYPTION
Military-Grade Cryptochip

STRONG AUTHENTICATION
RSA SecurID® and Digital Certificates

PORTABLE APPLICATIONS
Secure Browser, Encrypted Backup, and Password Management

ULTRAFAST MEMORY
Dual-channel SLC NAND Flash

Policy Enforcement and Provisioning

IronKey administrators use an intuitive, secure online interface to apply security policies to their organization's IronKey Enterprise flash drives. Users can easily self-provision their devices, or you can initialize the devices and deploy them to end users.

Self-Service Password Recovery

IronKey offers optional, self-service online password recovery that employs advanced mutual authentication to verify employee identity.

Administrator Device Unlock and Reset

The IronKey Enterprise solution uses Public Key authentication to allow authorized administrators to access data on employee devices without back-door passwords. Administrator privileges can be remotely revoked.

Portable Security Software

You can optionally deploy IronKey Enterprise devices with a suite of applications and services, including a secure portable version of Mozilla Firefox, IronKey Password Manager, and the IronKey Secure Sessions service. Policy settings allow IronKey system admins to turn these applications on or off as desired.

Secure Platform for Virtualization

Rapid access performance, high reliability, and hardware-level defenses all combine to make an IronKey drive the ideal platform for deploying secure virtual desktops and portable applications.

IRONKEY

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Secure By Design

The IronKey team of world-renowned encryption, authentication, and Internet security experts designed IronKey devices and online services to withstand sophisticated security attacks, including brute force password guessing, USB sniffing, physical disassembly, differential power analysis and chip inspection.

*Read/Write speeds tested in a laboratory environment. Actual speeds may vary. Advertised capacity is approximate. Not all of it will be available for storage.

IronKey Enterprise Model Numbers

1GB - D20104 ~ 2GB - D20204 ~ 4GB - D20404 ~ 8GB - D20804

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