IMATION MOBILE SECURITY

IronKey by Imation's secure mobile storage and device management solutions protect your sensitive data wherever you or your mobile workers carry it. With IronKey solutions, you can meet rapidly expanding compliance requirements, confidently safeguard mobile workers' identities, deploy secure workspaces that go anywhere employees do, and always remain in control of confidential data thanks to some of the most advanced authentication and encryption technologies available.

Info Security Products Guide 2013 GLOBAL EXCELLENCE SILVER ★★★★★

InfoSecurity Products Guide has named IronKey Enterprise S250 encrypted flash drive the silver winner of the 2013 Global Excellence Awards in the new product launch category

IRONKEY SECURE™ S1000, S250 AND D250 FLASH DRIVES

Built to be the world's most secure flash drives to protect sensitive data for government, military, enterprise or power consumers.

Every IronKey S1000, S250 and D250 Flash Drive is built around a self-defending architecture:
- FIPS 140-2 Level 3 Validated Cryptographic Processor[1, 2]
- Fast XTS-AES or AES 256-bit hardware encryption
- Epoxy-encased Cryptochip enclosure
- Rugged, tamper-resistant metal enclosure exceeds military waterproof standards

Make the right choice to meet your mobile security needs:
- **S1000 Series Flash Drives.** USB 3.0 performance achieves blazing fast speeds up to 400MB/sec read and 300MB/sec write performance. Enhanced XTS-AES 256-bit encryption. Available in 4GB, 8GB, 16GB, 32GB, 64GB or 128GB.
- **S250 Series Flash Drives.** USB 2.0 featuring SLC flash memory for exceptional performance and longevity, S Series drives deliver up to 31MB/sec read and 24MB/sec write performance. Available in 2GB, 4GB, 8GB, 16GB or 32GB.
- **D250 Series Flash Drives.** USB 2.0 featuring MLC flash memory balances performance and value and delivers up to 29MB/sec read and 13MB/sec write performance. Available in 2GB, 4GB, 8GB, 16GB, 32GB or 64GB.

IRONKEY ENTERPRISE S1000 OR S/D 250 FLASH DRIVES

Meet enterprise-class compliance and data security requirements with cloud-based or on-premises management.

- Easily administer and police hardware encrypted drives
- Remote lockout or destruction of lost and stolen drives
- Persistent protection with built-in anti-malware
- An intuitive user control panel available in eight languages
- S/D 250 drives also support one-time password technology from RSA, VeriSign and CryptoCard
- **Management software:** IronKey Enterprise Management Service and IronKey Enterprise Management Server.

IRONKEY BASIC S1000 OR S/D 250 FLASH DRIVES

A premium-quality flash drive built to foil hackers, thieves and malware.

- Same secure drives as IronKey Enterprise but without centralized management
- Advanced key management and anti-tampering protections
- Secure platform for virtual desktops and portable applications
- Always-on encryption protects against cold boot and malware attacks
- An intuitive user control panel available in eight languages
- Basic S1000 drives can be upgraded to Enterprise S1000 drives (management required)

IRONKEY PERSONAL S/D 250 FLASH DRIVES

The ideal secure flash drive for individuals who want to protect the data they care about most.

- Secure management of online passwords
- Secure, private web browsing
- Built-in malware protection
- Permanently self-destructs after 10 incorrect password attempts to securely erase data
- An intuitive user control panel available in eight languages
- Optional strong authentication and password recovery

	SLC Flash Memory	MLC Flash Memory	FIPS 140-2 LEVEL 3 Validated	256 bit	(encryption)	Strong 2FA Authentication	MALWARE PROTECTION	WATER PROOF	ZERO	Centralized MGMT Software
ENTERPRISE										
S1000 Series Flash Drives		■	■	■ XTS	■		□	■	■	1
S250 Series Flash Drives	■		■	■	■	■	□	■	■	1
D250 Series Flash Drives		■	■	■	■	■	□	■	■	1
BASIC										
S1000 Series Flash Drives		■	■	■ XTS	■			■	■	
S250 Series Flash Drives	■		■	■	■			■	■	
D250 Series Flash Drives		■ XTS	■	■	■			■	■	
PERSONAL										
S250 Series Flash Drives	■		■	■	■			■	■	
D250 Series Flash Drives		■	■	■	■			■	■	

■ = Standard   □ = Optional   1 = IronKey Enterprise Management Service and IronKey Enterprise Management Server *(Details on third page)*

SECURE DATA

Meet stringent security standards with this family of manageable encrypted flash drives and hard drives, complete with available biometric authentication.

IRONKEY F100 & F150 FLASH DRIVES

Military-grade security built into drives encased in sturdy plastic or rugged metal.

- FIPS 140-2 Level 3 Validated Cryptographic Processor[3]
- AES 256-bit hardware encryption
- Tamper, dust, and water-resistant plastic (F100) or metal (F150) enclosures
- Capacities: 8GB, 16GB, 32GB, 64GB
- **Management software:** IronKey ACCESS Enterprise™, McAfee ePolicy Orchestrator®

IRONKEY F200 BIOMETRIC FLASH DRIVE

Fingerprint authentication adds an extra layer of protection.

- FIPS 140-2 Level 3 Validated Cryptographic Processor
- AES 256-bit hardware encryption
- Two-factor authentication
- Biometric (fingerprint) identification
- Tamper-, dust- and water-resistant metal enclosure
- Capacities: 8GB, 16GB, 32GB, 64GB
- **Management software:** IronKey ACCESS Enterprise, McAfee ePolicy Orchestrator

IRONKEY D80 FLASH DRIVES

Renowned IronKey quality to affordably comply with storage security mandates that don't require FIPS certification.

- AES 256-bit hardware encryption
- Strong password protection
- Water-resistant, dust-resistant
- Automatic data protection upon device removal
- Capacities: 4GB, 8GB, 16GB, 32GB

IRONKEY H100 EXTERNAL HDD

Hardware encryption and a tough metal enclosure safeguard up to 1TB of data.

- FIPS 140-2 Level 3 Validated Cryptographic Processor
- AES 256-bit hardware encryption
- One-factor authentication
- Tamper-resistant metal enclosure
- Capacities: 320GB, 500GB, 1TB
- **Management software:** IronKey ACCESS Enterprise, McAfee ePolicy Orchestrator

IRONKEY H200 BIOMETRIC EXTERNAL HDD

Foolproof finger-swipe identification makes a tough drive even more secure.

- FIPS 140-2 Level 3 Validated Cryptographic Processor
- AES 256-bit hardware encryption
- Two-factor authentication
- Biometric (fingerprint) identification
- Tamper-resistant metal enclosure
- Capacities: 320GB, 500GB, 1TB
- **Management software:** IronKey ACCESS Enterprise, McAfee ePolicy Orchestrator

IRONKEY BASIC H300 & H350 AND IRONKEY ENTERPRISE H300 & H350 EXTERNAL HARD DRIVES

Next-generation hard drives feature USB 3.0 performance.

BASIC H300
- XTS-AES 256-bit hardware encryption
- Section 508 compliant control panel localized into eight languages
- Capacities: 500GB and 1TB

ENTERPRISE H300
- Same features as Basic H300 with cloud-based or on-premises management.

BASIC AND ENTERPRISE H350
- Same features as corresponding Basic and Enterprise H300 drives and also features FIPS 140-2 Level 3 certification[4]
- **Management Software:** IronKey Enterprise Management Service and IronKey Enterprise Management Server

	FIPS 140-2 LEVEL 3 Validated	256 bit	(Encryption)	(Biometric)	Strong 2FA Authentication	MALWARE PROTECTION	WATER PROOF	ZERO	Centralized MGMT Software
IRONKEY F100 FLASH DRIVE	■	■	■			■		■	2,3
IRONKEY F150 FLASH DRIVE	■	■	■			■		■	2,3
IRONKEY F200 BIOMETRIC FLASH DRIVE	■	■	■	■	■	■		■	2,3
IRONKEY D80 FLASH DRIVE		■	■				■	■	
IRONKEY H100 EXTERNAL HARD DRIVE	■	■	■			■		■	2,3
IRONKEY H200 BIOMETRIC	■	■	■	■	■	■		■	2,3
IRONKEY BASIC H300 EXTERNAL HARD DRIVE		■ XTS	■					■	
IRONKEY ENTERPRISE H300 EXTERNAL HARD DRIVE		■ XTS	■			□		■	1
IRONKEY BASIC H350 EXTERNAL HARD DRIVE	■	■ XTS	■					■	
IRONKEY ENTERPRISE H350 EXTERNAL HARD DRIVE	■	■ XTS	■			□		■	1

■ = Standard
□ = Optional

1 = IronKey Enterprise Management Service and IronKey Enterprise Management Server   2 = IronKey ACCESS Enterprise   3 = McAfee ePolicy Orchestrator *(Details on third page)*

SECURE WORKSPACE & SECURE IDENTITY

Protect mobile workers with self-contained, portable workstations and identity authentication.

IronKey Workspace W700 named winner Best of TechEd North America (hardware category).

IronKey Workspace W700 Award Achievement

IronKey Workspace W500 and W300 have been named PC Magazine's Editors' Choice for Windows To Go devices.

IRONKEY WORKSPACE

Boot a fully functioning Microsoft Windows 10 or 8/8.1 or Windows 10 desktop directly from a trusted IronKey USB flash drive. Rely on the only certified Windows To Go device built around expertise in portable workspace solutions, so you can keep your mobile workforce productive no matter where their work takes them.

- Microsoft-certified Windows To Go platform
- Built-in password protection capabilities
- Up to XTS-AES 256-bit full disk encryption protects drive contents
- Take advantage of all the performance improvements offered by USB 3.0
- Delivers up to five times the minimum average read/write performance requirements for Windows To Go devices.
- Ruggedized, resistant to dust and shocks and waterproof (MIL-STD-810F / MIL-STD-810G)
- A Startup Assistant automatically configures host computer to boot from the workspace device
- Optional enterprise-class provisioning to quickly mount a large-scale deployment of mobile workspaces

IRONKEY WORKSPACE W200
- Affordable workspace solution
- Microsoft BitLocker encryption

IRONKEY WORKSPACE W300
- Automatically protect data upon removal
- Microsoft BitLocker encryption

IRONKEY WORKSPACE W500
- Hardware encryption
- Optional cloud-based or on-premises device management
- **Management software:** IronKey Enterprise Management Service or Server

IRONKEY WORKSPACE W700 AND W700SC
- FIPS 140-2 Level 3 certified[5]
- Section 508 compliance
- Hardware encryption
- Support for CAC/PIV smart card login available with the W700SC
- Optional cloud-based or on-premises device management for W700; management is required with the W700SC
- **Management software:** IronKey Enterprise Management Service or Server

SECURE IDENTITY

Imation combines PKI crypto services, two-factor authentication and strong password management on some of the world's most secure USB storage devices. Available today for IronKey Enterprise S250 and D250 Flash Drives.

- Nearly all identity management protections powered on board by IronKey Cryptochip
- Hardware-based PKI digital certificates
- Extensive two-factor authentication support (RSA, VeriSign, CryptoCard)
- PKCS#11 support for secure communications
- 2048-bit RSA key cryptography
- Secure and easy password management
- **Management software:** IronKey Enterprise Management Service or Server

CENTRALIZED MANAGEMENT SOFTWARE

Three solutions to choose from to maintain control of data everywhere it goes.

IRONKEY ENTERPRISE MANAGEMENT SERVICE OR SERVER

Cloud-based or on-premises management of IronKey Enterprise S1000, S250, and D250 flash drives, IronKey Workspace W500, W700 and W700SC devices, and IronKey Enterprise H300 and H350 hard drives.

- Manage thousands of IronKey devices
- Remotely disable or terminate lost or stolen USB drives
- Enforce device-specific policies, including password strength, retry limits, and onboard portable applications
- Remotely control which computers IronKey drives may be used on
- Self-provision or remotely initialize devices
- Securely recover access to user devices and repurpose devices that are no longer in use
- **Management type:** Cloud-based or on-premises
- **Supported products:** IronKey Enterprise S1000, S250 and D250 Flash Drives, IronKey Workspace W500, W700 and W700SC Windows To Go drives, IronKey Enterprise H300 and H350 External Hard Drives

IRONKEY ACCESS ENTERPRISE™ SERVER

Broadly deploy USB devices and desktops, and police their use.

- Allows OS hardening, component addition/removal, and application installation
- Transfer across thousands of devices quickly and easily
- Enforce policies both internally and over the Internet
- Tailor security policies and device behavior to different user needs
- Enable users to "self-rescue" when passwords are forgotten or fingerprints damaged
- Remotely block compromised devices or erase data on lost drives
- Meet audit and compliance requirements with a complete history for each device
- **Management type:** On-premises
- **Supported products:** IronKey F100 and F150 Flash Drives, IronKey F200 Biometric Flash Drives, IronKey H100 External Hard Drives, IronKey H200 Biometric External Hard Drives

MCAFEE EPOLICY ORCHESTRATOR® (MCAFEE EPO™)

Manage IronKey devices with the security platform trusted by the world's most demanding users.

- Set customized policies for authentication, initialization, revocation and backup
- Enforce password complexity and retry policies, set biometric security levels, and control CAC/PIV multi-factor authentication
- Easily recover device passwords or allow users to self-recover
- Remotely disable lost or stolen devices to prevent costly data leaks
- Auditing and reporting tools prove data encryption, even on lost or stolen devices
- **Management type:** On-premises
- **Supported products:** IronKey F100 and F150 Flash Drives, IronKey F200 Biometric Flash Drives, IronKey H100 External Hard Drives, IronKey H200 Biometric External Hard Drives

IMATION MOBILE SECURITY FEATURES

SLC
Flash Memory

SLC Flash Memory

Premium-quality single-level cell (SLC) flash memory provides optimal performance and exceptional longevity.

MLC
Flash Memory

MLC Flash Memory

Premium-quality multi-level cell (MLC) flash memory offers a balance of performance and value.

FIPS 140-2
LEVEL 3
Validated

Level 3 Validated

Includes level 1 and level 2 requirements such as role-based authentication and physical tamper-evidence; adds requirements for tamper-resistance and for a physical or logical separation between the interfaces.

256
bit

AES 256-bit Hardware Encryption

Featuring an always-on, dedicated hardware processor that provides advanced portable security through on-board AES 256-bit or XTS-AES 256-bit encryption.

Password Authentication

Establish an authentic password to create a unique identity on the secure portable device.

Biometric Authentication

Fingerprint identification is available to increase your level of security access to the secure portable device.

MALWARE PROTECTION

Malware Protection

The Bluefly processor on select models provides protection against malware in any environment through a read-only option during log-in. An available on-board virus and malware scanner protects against viruses, worms, trojans and other malware threats.

WATER PROOF

Waterproof & Dustproof

Specially designed housings and sealants allow your drive to meet military and IEC waterproof and dustproof specifications.

Strong
2FA
Authentication

Strong Two-Factor Authentication

Adds a second level of authentication – combine strong passwords with third-party authentication or one-time passwords – help prevent unauthorized access.

ZERO

Zero Footprint

Imation secure USB devices and optical media are pre-loaded with necessary utilities to configure and authenticate to the device, and to encrypt and decrypt files. They do not require "admin rights" or installation of drivers or other software, and leave no trace behind.

Centralized
MGMT
Software

Centralized Management Software

Imation offers an array of management platforms to simplify deployment and administration of secure devices and media.

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[1] IronKey S/D 250 Flash Drives FIPS 140-2 Level 3 – Certification #1149 and 1479
[2] IronKey S1000 Flash Drives - Certification #2320
[3] IronKey F100, F150, F200, H100, & H200 FIPS 140-2 Level 3 – Certification #1269
[4] IronKey H350 Hard Drives - Certification #2359
[5] IronKey Workspace W700/W700SC - Certification# 2183

IronKey, the mobile security portfolio of Imation Corp.