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SEAGATE

Seagate Secure™
Reliable Data Protection Solutions

Always-on Data Protection

In today's business environment, data creates value—so it's more important than ever to protect it as a vital business asset. Data managers need sustainable, long-term security solutions that minimize risk with the least impact on productivity.

But greater value means greater threats, and software based security measures alone are no longer sufficient to ensure that your data stays under your control. In fact, software-only solutions intensify the pressure on the data storage lifecycle, making end-to-end security both more important and more difficult. That's why security analysts recommend a broad range of solutions including hardware-based encryption.

The self-encrypting drive (SED) was introduced in 2009 as a hardware-based data security measure, and Seagate has embraced the standard and engineered it into an essential component of modern asset protection. Combined with its protected hardware lifecycle and integration of multiple levels of security protocols, this added layer gives Seagate Secure™ storage devices the edge.

Seagate leads the way on data security

Seagate's long history with data storage has given us deep understanding and insight into data security. Seagate Secure™ SEDs protect your data at rest and make device retirement a breeze. For those with more stringent requirements, we also offer advanced government-grade security.

Security is embedded in the Seagate lifecycle

Data security starts long before you purchase your storage device—and persists indefinitely after you stop using it. All Seagate Secure™ devices are protected from attackers at every stage of the lifecycle, from the conceptual phase of design to their final retirement or reuse. You can rest assured that attackers haven't accessed your device at any stage before you deploy it, and that your data is inaccessible after you retire your device.

Data Security Lifecycle

All Seagate Secure devices are built using a secure supply chain.

True data security begins before storage devices are put into use. Seagate focuses on maintaining holistic security solutions throughout the product lifecycle.

DESIGN:
We ensure that our hardware design process is closed to all but our own vetted workforce.

COMPONENT SOURCING:
Every component of every device is sourced from trusted vendors.

MANUFACTURE:
Each component is assembled in a secured facility.

DELIVERY:
We engage only trusted vendors to deliver all Seagate Secure™ devices.

DEPLOYMENT:
It's simple and straightforward to roll out our storage devices, minimizing the risk of security-related errors.

IN-USE:
Our SEDs make sure that your users—and only your users—can access your data.

RETIREMENT:
Our Instant Secure Erase feature lets you eradicate all data in seconds for quick, painless device retirement.

Seagate Secure™ delivers solutions you can depend on

Whether you need a secure laptop or a hardened data storage facility, Seagate has got you covered. Our **Essential** feature set delivers protection that suits most needs, and we offer the **Certified** level of service with FIPS, Common Criteria and TAA-compliant solutions for government or enterprise customers running highly secure, data sensitive services and applications.

We offer two levels of service:

CERTIFIED

- FIPS 140-2
- Common Criteria
- Trade Agreement Act

ESSENTIAL

- Self-Encrypting Drive
- Secure Diagnosis & Download
- Instant Secure Erase
- Secure Supply Chain

Essential features are available on Seagate Secure drives.

LEVEL 1 - ESSENTIAL

INCLUDED—these features are available on Seagate Secure drives:

Secure Supply Chain:
Each of our components is sourced securely from trusted sources.

- Seagate complies with the Open Trusted Technology Provider Standard (O-TTPS)
- Increasing trust of third-party processes to Seagate and O-TTPS security policies
- Ensuring customers receive authentic products, components, and firmware

Self-Encrypting Drive:
Every device uses hardware-based encryption to protect against attacks.

- Secure data locking using AES 256 standards with hardware root key and device root of trust
- Drive locks on power-down
- Industry-standard authentication key management interfaces

Secure Diagnosis & Download (SD&D):
Your firmware is protected from attackers throughout its working life.

- Digitally signed firmware with rogue firmware detection
- Locked diagnostic ports
- Cross-segment downloads blocked
- Secure boot process

Instant Secure Erase:
Administrators can instantly replace the encryption key on any device, rendering its data crypographically erased and making retirement or reuse much easier.

- Fast, secure, and complete data erasure in seconds
- Internationally sanctioned erasure according to NIST 800-88 and ISO 27040

LEVEL 2 - CERTIFIED

OPTIONAL—these features may be added to meet regulatory or other requirements:

FIPS 140-2 Level 2 Certified Configuration

- Federal government encryption standard for sensitive, but not classified, data
- Required for Health Insurance Portability and Accountability Act (HIPAA)
- Tamper-evident labels

Trade Agreement Act (TAA) Compliant Storage

- Client, Enterprise, and SSD product compliance
- Meets origin requirements for US Government purchasing contracts
- Adopted and recognized by 126 member nations

Common Criteria Evaluated[1]

- International standard for date security certification
- Neutral third-party evaluation to certify secure IT products
- Adopted and recognized by 25 member nations

1 Releases on March 2018

Learn More

Seagate Secure™ storage devices deliver world-class data protection. We'd love to answer your questions or discuss solutions tailored to your unique needs. Please reach out to your Seagate Sales Representative any time.

Where to Purchase

For Trade Act Compliance (TAA) please visit:
seagategov.com/contacts

For all other Seagate Secure inquiries, please visit
wheretobuy.seagate.com

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