

FlagStone HDD Encryption for Government use

FlagStone fully encrypted hard drives are internationally approved to specifically protect data from sensitive to Top Secret Classification Levels. FlagStone hard drives encrypt and decrypt data immediately and invisibly.



Developed specifically for government organisations seeking exceptional data security.

FlagStone hardware is a direct replacement for the computer's standard hard drive and is available factory-fitted or retrofitted. It requires minimal set-up and calls for no specialist IT knowledge or training. Authentication is at boot-up and all FlagStone hard drives are independent of the operating system or applications.

Key Features

- Lifetime Key
- CAPS approved to protect up to Top Secret data
- DIPCOG certified to protect military data
- Decreases the Protective Marking of data by 2 levels when computer is powered down
- Secret data can be as easily transported as Restricted data
- Provides immediate and secure access to your data
- Encrypts and decrypts data immediately and invisibly with no adverse effects on the computer's performance
- Key Purge option for high risk applications
- Requires one Clearview password and one Touch Memory Token for authentication at boot up
- Independent of any operating system, application, service pack or software patch
- Supports imaging, ghosting, partitioning and diagnostic applications
- Free from any recurring costs
- Unique tamper-proof and tamper-evident construction
- Data is secure even if the drive or computer is stolen
- Requires no specialist IT knowledge or training

Fully accredited by the following bodies;



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FlagStone HDD Encryption for Government use

FlagStone HDD Encryption for Government use Specifications



FUNCTIONAL

Capacities	Laptop 2 ½" 60GB, 9.5mm depth Desktop/Laptop 2 ½" 120GB 12.5mm depth
Power	2 ½" - 5V ± 5% @ 950mA 3 ½" - 5V ± 5% @ 1150mA
Interface	ATA-7/6/5/4/3/2 compliant Parallel Ultra ATA Serial ATA (SATA II)
Compatibility	Operating System & Patch Independent All 386/486 processors or higher and equivalent
Encryption	AES (FIPS 197) in CBC mode IV (Initial Vector) Sector addressing with unique identifier
Security	Flagstone Integral Drive is cryptographically bound Encryption Key positively erased No Plain Text

GOVERNMENT SECTOR

Flagstone Enhanced	Protects up to Top Secret, and decreases the Protective Marking of the data by two Protective Marking levels when powered down. One password and one touch memory device are required for authentication at boot-up. Lifetime Key.
Flagstone Baseline Plus	Protects data at Government Confidential and Restricted security levels. Confidential data is reduced to Restricted data, and Restricted data is Not Protectively Marked when the computer is powered down. Two Clearview passwords facilitate authentication at boot-up. 5-Year Key Life.
Flagstone Baseline	Protects Government Restricted data. Restricted Data at Rest is reduced to Not Protectively Marked. One Clearview password allows authentication at boot-up. 5-Year Key Life.
Flagstone Corporate	Protects Sensitive but Unclassified data and Restricted below-the-line information. One user-set 12 to 32-character password allows authentication at boot-up. FIPS 197 accredited.

	Top Secret	Secret	Confidential	Restricted	Not Protectively Marked (NPM)
FLAGSTONE ENHANCED	→	→	→	→	→
FLAGSTONE BASELINE PLUS			→	→	→
FLAGSTONE BASELINE				→	→
FLAGSTONE CORPORATE					■



On/Authorised

Off/ Not Authorised



Designed to protect NPM data only



Rugged Systems is one of Europe's leading suppliers of rugged, mobile computer, display and communications solutions and services. We specialise in applications such as test & measurement, command and control, data acquisition, secure data & computing, TEMPEST and ultra-reliable message transfer over noisy tactical communication channels. The company strives to be innovative and provide cost effective solutions, through many years of knowledge and experience.