

Origin Storage now shipping internal self encrypted drive for laptops

Basingstoke, 14th September 2010 - Origin Storage, a leading manufacturer and distributor of IT storage solutions, has today announced that Enigma SED is now shipping. The self-encrypted drive (SED) is the first solution to provide companies of all sizes with a quick and cost effective way to secure laptops using the highest levels of hardware AES 256-bit encryption.

With remote working becoming an important part of any modern day corporate environment, many organisations are issuing laptops in preference to standard desktop PCs. At the same time, companies are putting at risk the security of sensitive and confidential information in areas outside of their physical control.

Andy Cordial, MD of Origin Storage comments, "With over 1800 laptops going missing every month in European airports and the average cost of a data breach to an organisation is currently at £1.7 million (€1.87 million); it's now imperative that organisations take extra precautions to protect the data stored on all their computer systems, especially laptops. With the recent introduction of the ICO fines that will bring higher financial penalties to organisations that fail to implement measures to safe guard data, the Enigma SED range has a vast target market, ranging from SMB users to Local Authorities."

Incorporating the latest 256 Bit AES hardware encrypted 2.5" hard drives from Toshiba; the Enigma SED solution provides permanent full-disk encryption on the fly, which means no speed degradation when reading and writing data. The Enigma SED also conforms to the latest Trusted Computing Group OPAL Self-Encrypting Drive standard.

Enigma SED is a compatible upgrade with all SATA based notebooks designed specifically for the corporate/SME market. Each Enigma hard drive is supplied with the correct fitting kit pre-mounted ready to fit straight into the laptop. Developed by WinMagic, MySecureDoc Express possesses a Pre-Boot Authentication system that allows the user to authenticate using a password, removing the need for the drive to rely on the laptop's BIOS which means that it is now possible to upgrade SATA based system to an Enigma SED.

"MySecureDoc Express for Opal, with such features as self-help password recovery, and local administration and user roles bring manageability to Opal SEDs which are not available on SED drives alone," said Garry McCracken, Vice President of Technology Partnerships, WinMagic Inc.

The Enigma SED solution also includes a data transfer cable and Acronis hard drive cloning software which provides a quick and simple way to move existing data from the laptops non-encrypted hard drive to the fully encrypted Enigma SED. Using a high speed USB2 or eSATA connection a full mirror image clone of the existing drive including the Operating System, Applications and all user data is made which limits the downtime required to upgrade the Mobile Workers laptop.

Key Features

- 256 Bit AES Hardware Encryption
- TCG "OPAL Standard SED" Drive
- Supports Windows 7 (32 and 64 bit)
- No BIOS Limitations
- Password Pre-Boot Authentication
- 100% Compatible Matched Solution
- Fits SATA Based Laptop
- Real-time Encryption
- Transfer Existing Data With Ease
- No Speed Degradation
- Capacities Up To 500GB and Rising
- No annual license or update fees

Benefits

- High Level Encryption Using AES 256 Bit Secures Your Data
- Always On Entire Disk Encryption Protects All Data On The Drive
- On The Fly Hardware Encryption Means No Additional System Resource Usage
- Local administrative role manageability
- Self-help password recovery options
- Activation of drive into encrypted state is instantaneous versus the unavoidable “conversion” time needed with *standard* hard drives
- Data encryption key does not leave the drive, hence helps prevent cooled-RAM attack and simplifies key management
- Read Only PBA (Pre-Boot Authentication) area supports password authentication using drive’s secure partition
- Crypto erase enables instant secure disposal and repurposing of self encrypting-drive, rendering all existing data unintelligible, and returning it to manufactured state
- Complete Matched Solution Makes Fitting Quick And Provides 100% Compatibility
- Included Transfer Kit Clones Existing data Via USB2 or eSATA To Minimise Downtime

ENDS

About Origin Storage Ltd.

Founded in 2001 and based in Hampshire, UK, Origin Storage Ltd. is fast becoming one of Europe's leading IT storage manufacturers. Its wide-ranging product portfolio includes encrypted hard disk drive solutions, RAID solutions and OEM parts.

Origin Storage is a main supplier for all Tier one manufacturers, providing matched storage upgrades and has held a Pan European Agreement with Dell™ for the past five years. The business has grown year on year and now supplies to main distribution and reseller partners across EMEA.

In January 2006 Origin Storage acquired the brand and assets of Amacom and began to manufacture the Amacom range of portable storage solutions. It is also a distributor for some of the most respected storage enclosure manufacturers and offers a full range of rack, desktop and RAID products and accessories.

The company’s emphasis on superior customer service, UK-based assembly and stock-holding that delivers competitive pricing and unbeatable turn-around times makes Origin Storage the ideal partner for all storage management needs.

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