

SELF-ENCRYPTING SOLID STATE DRIVES



Protect your business data from getting into the wrong hands

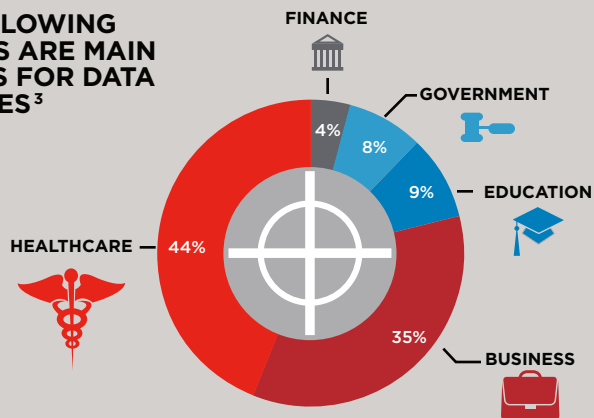


70%

of surveyed IT professionals said SEDs would have an enormous and positive impact on the protection of sensitive and confidential information in the event of a data breach.²



THE FOLLOWING
SECTORS ARE MAIN
TARGETS FOR DATA
BREACHES³



**155
MILLION**

online records
exposed due to
loss of computers
in 2013.⁴



WHERE LAPTOPS ARE BEING LOST⁵



THE AVERAGE VALUE OF
ONE LOST LAPTOP IS

\$49,256⁵

WHY DO BUSINESSES NEED SELF-ENCRYPTING DRIVES?



- 1 ULTIMATE PROTECTION**
Cold-boot and software attacks are ineffective because the security of SEDs is independent of the operating system.



- 2 PERFORMANCE**
Software encryption suppresses PC performance as it encrypts data. SEDs have integrated encryption hardware, so the result is no impact on performance.



- 3 NO ENCRYPTION KEY MANAGEMENT REQUIRED**
Encryption keys are generated in the SED controller and they never leave the drive. Thus, there is no requirement to backup, recover or store encryption keys, either locally or centrally.



- 4 COMPLIANCE**
One of the biggest reasons to encrypt data-at-rest is to comply with state or federal data protection laws. SEDs are also designed to be compatible with TCG Opal and Hard Disk Encryption for Windows®.



- 5 EASY INTEGRATION FOR LARGE NUMBER OF SYSTEMS**
Hardware encryption works with any OS and multiple Independent Software Vendors (ISVs), who traditionally manage encryption functions, now provide management of self-encrypting drives, both locally and remotely.



- 6 LOW TOTAL COST OF OWNERSHIP**
SEDs provide the lowest overall cost of ownership for an encryption solution in the areas of deployment, IT management, performance, user productivity and security/compliance.



- 7 SAFEGUARD AGAINST EMPLOYEE NEGLIGENCE**
An employee's laptop may be compromised by theft, but the data inside it is virtually untouchable by way of 256-bit AES encryption.

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Sources:

1. http://www.verizonenterprise.com/resources/reports/rp_data-breach-investigations-report-2013_en_xg.pdf
2. <http://www.esecurityplanet.com/network-security/The-Pros-and-Cons-of-Opal-Compliant-Drives-3939016.htm>
3. <http://www.idtheftcenter.org/images/breach/2013/UpdatedITRCBreachStatsReport.pdf>
4. <http://motherboard.vice.com/blog/2013-was-the-worst-year-for-data-breaches>
5. <http://www.intel.com/content/dam/doc/white-paper/enterprise-security-the-billion-dollar-lost-laptop-problem-paper.pdf>