Article Side

Laptop Encryption by John Z. Perry

Article published on January 5th 2012 | Software

Laptop encryption has never been more practical and wise investment as the world evolves into the digital era. In fact, research shows that as much as 60% of overall computer data are not secured. Data loss actually exposes the company to a potential risk that may lead to an unfortunate financial loss or even a discontinued operation. Even individuals can suffer from data loss if no proper laptop encryption is used. This is especially damaging when personal works, info, and memories are stored in their laptops. For companies, proper encrypted data can protect trade secrets and pertinent financial information that needs to be kept on-site. Without proper encryption tool, individuals and companies face the risk of losing data.

Lots of private and confidential information are stored on laptops - reason why they are considered as assets. Therefore, it is very risky to leave them unprotected. Losing marketing plans, competitor information, and the embarrassment of having to tell individuals that their privacy has been compromised are just a few of the consequences of not having proper protection on a device. The internet has form a big part in teaching people the way of advance technology - including hacking. As such, unprotected data are very certain to be lost at one time or another. Many people steer away from laptop encryption because they do not understand it, but there is a sensible and easy way to successfully protect confidential data.

As compared to the protection offered by partial encryption methods, fully encrypted data can offer data security to laptop owners way better. There are various encryption methods available. Windows and many third-party software programs can help protect operating systems such as Windows, Linux and Macintosh. Their scope extends from the protection of small files to hardware-based laptop encryption. There are free solutions for personal or corporate encryption and there are very expensive solutions as well. Find a solution that can meet your encryption needs without going beyond your budget.

Many people do not take the time to employ proper laptop encryption, but with theft increasing, it is now a "must do" for those who wish to protect themselves properly. The best form of protection a laptop can have these days is Trusted Platform Module or TPM. Full disk encryption is featured by trusted platform module when running laptop encryption. The only requirement of TPM technology is a coprocessor and a hard drive that can be encrypted that makes it easy to utilize.

No matter how complicated it may sound for many people, TPM is actually just a small chip installed into the motherboard in order to allow the laptop to authenticate devices and enable laptop encryption. As such, encryption keys are generated in order to protect data from unauthorized access in case of laptop theft. TPM technology can be compared to a signature in the sense that it is something unique for each laptop. Utilizing this type of encryption technology is paramount when you want to protect your data with laptop encryption.

Take note, there are various data security options available in the market that can give you peace of mind amidst any loss. Compromises due to inadequate laptop security can have consequences far beyond what one might think as possible. Comes with owning a laptop is the responsibility of protecting it and whatever is stored in it with full disk encryption. In case yours is still unprotected, it could be about time you use a good laptop encryption for your data.

Article Source:
http://www.articleside.com/software-articles/laptop-encryption.htm - Article Side

John Z. Perry - About Author:
Discover which a Laptop Encryption Program has the Must Have features. Visit http://www.druva.com and find out what features are needed before you purchase any Laptop Encryption program.

Article Keywords:
Laptop Encryption, Data Protection, System Security, Data Security, Secured Data

You can find more free articles on Article Side. Sign up today and share your knowledge to the community! It is completely FREE!