

SECURAPRO
HOSTED IT SECURITY



Octree Securapro Encryption

Protect your valuable data with full disk encryption



UK businesses are dependent on IT systems, and with more mobile workers the issue of data security has never been higher. What happens to your valuable data if you lose your laptop, or it gets stolen? The consequences can be severe, especially for those working in the financial services sector; a loss of confidential data could breach compliance rules and regulations and result in a large fine. Full disk encryption ensures that if you lose your laptop you will not lose your data.



Mobile workers are at risk – hard disk encryption can protect data in the event that a laptop is stolen.

Consider:

In January 2008 a Royal Navy officer had a laptop stolen that contained the personal data of 600,000 people. The data included bank account and passport details; national insurance and NHS numbers; and home addresses. The hard disk was not encrypted.

In May 2009 a laptop computer with details of 109,000 people was stolen from offices in Marlow in Buckinghamshire. The the data was not encrypted and included names, addresses, dates of birth, employer data, national insurance numbers, salaries and bank details.

Skipton Financial Services has been found in breach of the Data Protection Act for not encrypting the information of 14,000 clients on a laptop that was stolen. The laptop contained names, dates of birth, national insurance numbers and investment amounts.

Sensitive data, such as customer information, is a valuable business resource and as such is more vulnerable than ever. Technology allows employees to become more mobile, which increases the risk to your data.

Ask yourself what would happen if a laptop were lost or stolen? Besides the inconvenience to the employee, there could also be a loss of client data, which could lead to legal action and fines for being in breach of the Data Protection Act, as well as damage to your company's reputation.

Regulatory compliance

Regulatory and governance requirements are an increasingly important driver in the need to protect sensitive data. Companies are being required to disclose breaches that place Personal Identifiable Information (PII) at risk, be it from a customer, employee, shareholder, partner, or other stakeholder prospective.

In response to growing concerns over individuals' privacy, and the threat of identity theft, we have witnessed the introduction of a complex array of privacy regulations in recent years, such as the EU Data Privacy Directive and the Data Protection Act.

In addition, professional bodies like the Financial Services Authority (FSA) and the Institute of Chartered Accountants in England and Wales (ICAEW) have introduced a host of compliance regulations and initiatives.

Securapro disk encryption provides total protection for your valuable data. You can rest assured that in the event of a laptop being lost or stolen, your data will be safe.

Full disk encryption

Securapro protects sensitive data and personal identifiable information on PCs, Macs, laptops and associated removable media including USB drives, CDs and DVDs.

The full disk encryption software uses state-of-the-art AES 256-bit encryption to encrypt every sector of the hard disk.

Securapro also ensures that data in transit – for example, on a CD or DVD – is secure in the event of loss, and allows users to share data securely via password authentication.

Strong multi-factor authentication is available at pre-boot with a single sign-on option. Once it is installed, users will notice no difference in the operation of their computer – Securapro has a negligible impact on performance.

Securapro is easy to deploy, install and manage and requires minimal user training.

A single solution

Many companies have a patchwork of different products. Securapro is a fully functional solution that meets the needs of professional services organisations. For more information call 0845 171819 or visit the website at www.securapro.co.uk

Octree Securapro full disk encryption – key features and benefits

Features	Benefits
Full disk encryption.	Centrally manage between 1 and 200,000 portable devices and eliminate the risk of data loss due to lost or stolen laptops and desktops.
USB, CD and DVD device encryption.	Ensure that data in transit is secure in the event of lost devices or media. Allow users to share data securely by password authentication
File and folder encryption.	Protect data on desktops and servers without the need for full disk encryption. Restrict access to critical data.
Strong Biometric Support.	Support for biometrics devices – all at pre-boot. Securapro supports biometrics at pre-boot. It has been used by the US Department of State in HSPD-12, FIPS 201-compliant projects.
Strong access control with multi-factor authentication via passwords and hardware tokens.	Pre-boot support for smartcards, USB crypto tokens and PKI. As hardware tokens are gaining popularity, authentication and SSO become more important.
Interoperability with imaging software.	SecureDoc interoperates with Ghost, Drive Image, Rapid Deploy, BootWorks, Rapid Restore and Rescue and Recovery.
Virus Recovery.	User is able to recover data even if the disk is infected by viruses. The recovery software works as if the disk is not encrypted.
Compatible with various boot managers.	Securapro is compatible with various boot managers. These include Boot Magic, Boot-US and Windows boot manager. Securapro supports systems that have multiple operating systems.
Compatible with partitioning software managers.	Securapro operates with partitioning software such as Partition Magic. Encrypted disk partitions can be resized; partitions can be added or deleted as if the disk is not encrypted.
Supports hibernation mode.	Securapro protects your data whilst your PC or laptop is in hibernation mode.
Power out protection.	Robust capabilities that allow the initial encryption (conversion) to be interrupted by a power outage without data loss.
Robust encryption.	User can run defragmentation tool during the initial conversion or at any point once the disk is encrypted.



About Octree

Established in 1990, Octree is a specialised IT solutions company with a proven reputation in the deployment, securing and support of computer networking for small to medium-sized businesses.

Octree offers complete computer network systems, from wired and wireless local area networks, complete communications solutions and data protection and management, through to proactive systems maintenance and managed business continuity services.

We offer fully independent advice and we do not drown people in confusing technical language. All our computer network solutions are developed as 'best fit' propositions based on what we hear from our clients.

We have developed cutting-edge knowledge and skills through vast experience and ongoing technical training, supported by our partnerships with companies like Microsoft®.

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