

Becrypt DISK Protect

An assured full disk encryption solution securing data on desktop and laptop PCs from theft and loss

Becrypt DISK Protect is Becrypt's Data at Rest solution to secure an organisation's data, whether on desktops or laptop PCs. With greater amounts of data being stored on PCs the risks and impacts of data loss increase. DISK Protect ensures that all data is safely encrypted, with no change in performance to the user.

Protecting your organisation's data

Organisations today have the challenge not only to secure their company data from loss or theft, but also to meet new information security and storage regulations. Increasingly data is vulnerable when PCs or laptops are lost or stolen, particularly as PCs are used to store large amounts of data, and as laptops are taken off the premises to enable flexible working.

With recent high profile cases of data loss, the protection of personal or company data is now being mandated through legislation or contractual obligations. A breach of such conditions may lead to fines, loss of contract and even loss of revenue, as well as the potential media coverage that can lead to damage in reputation and brand.

Becrypt DISK Protect Overview

DISK Protect gives complete peace of mind that data held on laptops and PCs is fully protected in the event of loss or theft. The hard drive is transparently encrypted, with no impact on performance. Using strong user authentication, unauthorised access is prevented.

Even when the PC is disposed of, and specialist recovery tools are used, the data remains safe. DISK Protect has been

engineered so that it is easy to deploy and manage, while users will detect no difference in the performance of their PC. It provides full encryption with no disruption to working practices.

DISK Protect can also encrypt the data on removable media such as, Firewire, USB devices, SD cards, other mass storage devices and local disks.

DISK Protect is easy to deploy and manage. When combined with Becrypt Enterprise Manager, DISK Protect can be deployed throughout an organisation with little or no disruption to business activities. The package can be deployed to thousands of users in the organisation quickly; laptops and PCs can be secured within hours.

How it works

Becrypt DISK Protect works by encrypting every section of the hard drive, preventing unauthorised access to anyone accessing the files without permission. DISK Protect provides strong authentication to load the operating system and access user files and it will allow users to protect their existing and any new data without causing any impact on day to day operations.

The product can be installed at any time, and will encrypt data while the user works. Once installed, all read/write requests are decrypted/encrypted on the fly without user interaction, allowing users to continue to use the system as normal. Enterprise management software allows recovery data and audit logs to be recorded centrally, while the deployment can take place with no user interaction required, preventing any down time of equipment.

Fast Facts

- Full disk encryption for desktop and laptop PCs
- Doesn't impact the end user and easy to use
- Encrypts data on removable media
- Deployed and managed through Enterprise Manager
- CCTM and FIPS

Becrypt DISK Protect

At a glance

Features	Benefits
Provides installation to all Windows environments from a single installer	Can be deployed to thousands of users quickly with minimal user interaction and no disruption to business activities, systems can be secured within hours
Centralised management provides enterprise level control and management over all protected machines	Easy to manage any machines on the network with no disruption to users
Encryption overhead is minimal and happens in the background transparently without any disruption to business activities	Easy to use – users can detect no noticeable performance changes
Data is encrypted automatically	Easy to use – users do not have to remember to encrypt data, nor have to wait for encryption to complete before closing down their machine
Single sign on allows integration to desktop and device recovery	Flexible for users – they do not need multiple passwords and secure access allowed in the event that a password is forgotten
Secure hibernation	All data is protected when the machine goes into hibernation
Secure wipe for decommissioning machines	Ensures data on encrypted machine is indecipherable when the PC is reassigned
Removable media protection	Secures data on removable media such as USB connected storage devices and disks that can be password protected.
Multiple users can be added onto a single PC	Allows the secure sharing of resources and aids organisational flexibility

Standards and Protocols

Symmetric Encryption: AES 128/256 bit

Smart Cards token PKCS#11

Password hashing: SHA-256

Certification

CCTM

FIPS 140-2 Level 1

For more information please call 0845 838 2050 or +44 (0) 20 3145 1050, or visit www.becrypt.com

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Becrypt is a leading supplier of innovative Information Assurance solutions and services with operations in the UK and US. Becrypt provides secure, feature rich, out of the box products suitable for all industry sectors, and is the largest supplier of encryption technology to the UK Government, Ministry of Defence and UK Police.

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