

Becrypt DISK Protect Baseline

A CAPS approved full disk encryption solution for desktop and laptop PCs and removable media data to protect Confidential data from theft and loss

DISK Protect Baseline secures an organisation's protectively marked data (up to CONFIDENTIAL, Impact Level 4), whether on desktops or laptop PCs or removable media. With greater amounts of data being stored come greater risks of data loss. DISK Protect Baseline ensures that all confidential 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 data from loss or theft, but also to meet new regulations to protect confidential data. Increasingly, data is vulnerable when desktop 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 cases of high profile 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.

DISK Protect Overview

DISK Protect Baseline provides assured full disk encryption for desktop and laptop PCs for Protectively marked data using a key supplied by CESG. Total encryption is combined with strong user authentication to provide comprehensive secure access for Protectively marked data up to RESTRICTED (Impact Level 3).

The encryption is applied transparently, with no impact on performance. Using strong user authentication, unauthorised access is prevented. DISK Protect Baseline can also encrypt the data on removable media such as, Firewire, USB devices, SD cards, other mass storage devices and local disks.

Unlike some solutions, DISK Protect Baseline is very easy to deploy and manage. When combined with Becrypt Enterprise Manager DISK Protect Baseline 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 organisations quickly, and laptops and PCs can be secured within hours.

How it works

DISK Protect Baseline 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. Central Management 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
- Secures data at RESTRICTED & CONFIDENTIAL, impact levels 3 & 4
- Encrypts data on removable media
- Managed through Enterprise Manager
- CAPS Accredited

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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 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 login for users, with no noticeable performance changes
Data is encrypted automatically	Easy to use – the user does not have to remember to encrypt data, and can close down the machine during encryption
Secure hibernation	Safeguards data – data is protected when the machine goes into hibernation
Removable media protection which enables devices to be password protected	Secures data on removable media such as USB connected storage devices and disks
Pre-boot authentication	Prevents unauthorised access and provides strong authentication
Token and smart card support	Provides additional layers of authentication and enables integration with existing security policy. When used with an approved token it reduces the data classification down one level from CONFIDENTIAL (Impact Level 4) to RESTRICTED (Impact Level 3)
Multiple users can be added to a single PC, supports up to 26 password user accounts, or an unlimited number of token and PIN user accounts, per protected machine	Allows the secure sharing of resources and aids organisational flexibility
CESG Assisted Products Scheme certified	Government approved for protection of data marked 'Confidential' Impact Level 4 (with approved token)

Standards and Protocols

Symmetric Encryption: AES 128 bit

Certification

CAPS approved to Confidential (Impact Level 4)



CESG Assisted Products Service

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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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