DESlock+®
protect your data

Cost effective data loss prevention for all types of organisation

Compliance Guide

GSi - the UK Government Secure Intranet

The GSi is the primary secure IP network connecting UK government departments with other UK public sector bodies. Managed by Buying Solutions and delivered through a partnership with Cable and Wireless UK the GSi also provides for onward secure communication to other networks including the criminal justice department, police and NHS, Within the GSi umbrella, organisations can connect to a specific community:

The GSE Community is for sponsored private sector organisations supplying services to government.

The GCSX Community is for organisations such as English and Welsh Local Authorities who's processes and procedures comply with commercial best practice equivalent to impact level 2 (IL2 'Protect')

The GSX Community is for organisations working with impact level 2 and occasionally impact level 3 data (IL2 'Protect' and IL3 'Restricted').

To be able to connect to the GSi resource, organisations must comply with the relevant Code of Connection (CoCo) for IT security, keeping the network secure within their own IT infrastructure and having accessed secure data ensure that it remains secure.

The code of connection (CoCo) for these communities states that computers, laptops and portable devices used for mobile/home working and data at rest or in transit must be encrypted and that a FIPS-140-2 validated product is acceptable for this where data is considered as IL1 'Private' and IL2 'Protect'.

Approved to FIPS-140-2, DESlock+ Pro will meet the needs of those organisations who are, or wish to be part of the GSC, GCSX and GSX communities operating with data up to IL2 and occasional L3 ('Restricted').

DESlock+ features such as full disk and removable media encryption along with the use of highly secure industry standard encryption algorithms will ensure data security for those using laptops and removable media such as USB memory sticks and portable hard drives.

Code of Connection (CoCo) requirements				DESlock+ features
GSE	GCSX	GSX		
			Protection of data at rest	All versions of DESlock+ include file, folder and virtual drive encryption as standard to secure data at the endpoint.
			Protection of data in transit	DESlock+ Pro includes full-disk encryption and removable media encryption, all versions include encryption for email, files and archives.
			Use a FIPS 140-2 validated product	FIPS-140-2 validated.
			Mobile/Home working to use encryption of data at rest and in transit using FIPS 140-2 approved products	FIPS 140-2 validated, includes full-disk encryption, removable media encryption and free home use.
			Removable media must be handled in accordance with CESG guidance	DESlock+ allows blocking (IL2, IL3) or forced encryption of removable media devices (IL2).
			Secure practices for working with IL 2 'Protect' data.	FIPS 140-2 validated, includes full-disk encryption, removable media encryption.
			Secure practices for occasional working with IL 3 'Restricted' data.	For occasional IL3 data, FIPS 140-2 validated products such as DESlock+ are normally permitted by operational security policy.

Contact us for more information, help with your data security policy or to arrange a multi-user encryption pilot.

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Features

▶ **Full disk encryption**

Fast transparent pre-boot security using FIPS validated 256 bit AES encryption.

▶ **USB drive, CD and DVD encryption**

Policy driven removable media encryption using patented key sharing technology. Now includes on-device software for off-system collaboration.

▶ **Email encryption**

Fast, transparent email encryption for Outlook users.

▶ **File & folder encryption**

Fast transparent encryption for an extra layer of security within the enterprise.

▶ **Centralised management**

Full control of licencing and software features, security policy and encryption keys.

▶ **Assured security**

DESlock+ is FIPS 140-2 level 1 validated.

Specifications

▶ **Certifications**

FIPS 140-2 level 1

▶ **Algorithms & standards**

RSA 1024 bit	AES 128 bit
AES 256 bit	Triple DES 112 bit
Blowfish 128 bit	SHA1 160 bit
SHA 256 bit	

▶ **System Requirements**

Operating System
Microsoft® Windows® 7
Microsoft® Windows® Vista
Microsoft® Windows® XP SP 3

Processor
Intel® Pentium® 300MHz or faster

Memory
128MB of RAM or more

Benefits

▶ **Fast strong transparent encryption**

DESlock+ employs industry standard encryption algorithms to provide full-disk and folder encryption which are transparent to the user.

▶ **Policy driven features and settings**

Software features may be selectively enabled, with security options set to match corporate security policy.

▶ **Fully scalable central management**

The DESlock+ Enterprise Server is designed to centrally manage remote users and workstations. Client installation is from an MSI package suitable for network distribution.

▶ **Protects fixed disks, removable media, email and more**

Data security requires full-disk and granular encryption so DESlock+ encrypts fixed disks, USB memory CD and DVD removable media, files, folders email and more. No optional extras, just everything you need to protect your data in a single MSI package.

Protect your data

Data is a critical part of every organisation, often the most valuable asset; this same information poses a huge risk when it travels or is transmitted outside of the corporate network. The legal obligations associated with holding client data and penalties for failing to protect the same mean that a data loss can expose trade secrets, damage your reputation and incur a significant fine.

DESlock+ Pro does it all. Full disk and removable media encryption protects you against the dumb events. File, folder and email encryption make the clever events secure. The DESlock+ Enterprise Server ensures that security policy is enforced at all points.

Protect your budget

Designed to integrate directly with the Windows Desktop and minimise help-desk time by using a plain language approach throughout. To compliment the lowest support overhead, a range of unbeatable licence options including free business-use on home-PC's allow for strong data security within a limited budget.

Waste nothing, select the most cost effective tool for the job: DESlock+.

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