



Cost effective data loss prevention for all types of organisation

## Compliance Guide

Payment Card Industry Data Services Standard (PCI DSS)



Encryption Solution of the Year

All public and private sector organisations, commercial or non-commercial are required to protect personal data by law under the Data Protection Act and the Human Rights Act. Banks and other financial institutions face the additional responsibility of protecting client's financial information and security details to ensure these do not fall into the hands of criminal organisations.

The financial services industry has adopted the Payment Card Industry Data Services Standard (PCI DSS) to protect personal data from unauthorised access and misuse. This places considerable responsibility on all those processing any type of card data including retailers and service providers of all types.

DESlock+ provides the functionality required for compliance with core requirements of the PCI DSS standard.

Specifically:

▶ **PCI DSS Requirement 3: protect stored cardholder data**

DESlock+ Pro provides full disk encryption, removable media encryption and granular encryption providing endpoint data protection of PC's, laptops, external hard drives, CD and DVD optical media and USB flash drives, all of which can be used to store cardholder details and card data.

▶ **PCI DSS Requirement 4: Encrypt transmission of cardholder data across open, public networks**

Although card payment systems are encrypted, the ad-hoc communication of any card holder details within an organisation are often via the internet. All versions of DESlock+ provide the means to encrypt email and file attachments through most email clients including webmail.

▶ **PCI DSS Requirement 7: Restrict access to cardholder data by business need-to-know**

As with other systems, encrypted data is only accessible using the correct encryption key. However the DESlock+ Enterprise Server can distribute, manage and revoke up to 64 different encryption keys per user over a corporate LAN or securely via the internet. This degree of remote control provides an unparalleled benefit to retail organisations with widely distributed endpoints.

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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