

DeltaCrypt DUSK Suite

The recent chapter of data leaks from Wikileaks proves once again that in an age of web-based social networking and micro blogging, cloud computing, computers thinner than a magazine, smart phones and USB drives that store more data than you can supply, that nothing remains secret anymore.

Data Loss Security Risks

We value mobile computing devices for the flexibility and convenience they provide, but mobility presents significant challenges for IT Administrators charged with keeping their companies' data and networks secured. Here are a few risks derived from today's mobility:

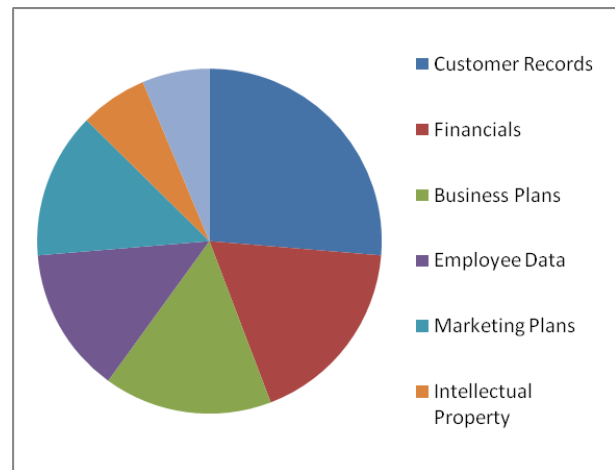
- Unexpected data leakage source: insider's job
- Embarrassment and financial harm caused by identity theft incidents
- Negative publicity in the media
- Undesired reporting to authorities
- Unintentional harm caused to innocent victims: record owners
- Non-compliance to federal and state governments laws & regulations designed to protect such data:
- Implementing inappropriate security controls and security policies
- Encouraging delinquent working behaviour



How Mobile Devices Increase the Risk of Data Loss

Mobile devices are part of today's business world. PDAs, laptops, tablets, USB drives and CD-ROMs/DVDs let you carry your office with you wherever you go.

Corporate data found on personal USB drives



(Source: Sandisk)

- **Increased mobility in working environment**

200 million laptops, 174 million smart phones, 250 million flash drives were sold in 2009 alone. These numbers increase each year. To that rate, mobile devices have become omnipresent on today's world

- **Frequency of data loss (thefts or device losses)**

In 2009 alone, 498 breaches exposed the records of at least 16 million individuals. Whether these breaches were intentional or not, everyone is now at risk.

- **Mobile device incidents**

When involving a mobile device, recent survey shows that data leakage incidents are more expensive than any other type of breaches. Mobility simply costs more.

Problems DUSK Suite solves

DeltaCrypt believes that by combining prevention with protection, the DUSK Suite is best-suited to answer today's corporate mobile security needs.


DUSK Suite :

- Reduces mobility vulnerabilities
- Prevents illegal intrusions
- Raises situational awareness
- Prevents data leakage and security breach damages
- Safeguards corporate reputation
- Complies with stricter market regulations

How?

FIPS Validated Encryption

DeltaCrypt offers FIPS-validated encryption protection. The American Federal Information Processing Standard (FIPS) Publication 140-2, FIPS PUB 140-2, is a U.S. government computer security standard used to accredit cryptographic modules.

<u>Symmetric Key Encryption</u> AES-128 bits AES-192 bits AES-256 bits	<u>Message Integrity</u> HMAC-SHA-1 HMAC-SHA-256 HMAC-SHA-512	<u>Hashing</u> SHA-1 SHA-256 SHA-512
<u>Random Number Generation</u> DRBG (FIPS 800-90)	<u>Signature</u> RSA-1024 RSA-2048 RSA-4096	

Proactive Security

DUSK Suite sends out log alerts and email alerts. Not only will it keep track of file and device activities, it draws your network Administrator immediate attention on specific activities as they are going on.

With detailed log reports, better security practices may be implemented whether it is to deal with security-reluctant users or to better protect the most vulnerable workstations to data leakages and breaches.

Data Leakage Protection

Using file format and file volume control, emails are sent or files are simply refrained from being copied out. Detailed logs on file and device activities are also recorded. Shadow copies can be transparently taken as a user copies files out.

Significant Risk Reduction Tool

By enforcing the use of encrypted drives to prevent data vulnerability, the DUSK Suite also helps detect eavesdropping by recording log alerts and sending email alerts when unprotected drives are connected to your network.

Mobile Data Protection

DUSK Suite versatile protection secures USB drives, HDDs, Firewire and memory cards regardless of manufacturer drive model, volume capacity. These driverless solutions work perfectly with computers with restricted privileges. DUSK Suite also provides CD-ROMs and DVDs protection.

Selective Access To Mobile Data

DUSK Suite permissions are granted or restrictions applied to individuals, to user groups, to machine groups or to a combination of these. All according to your Active Directory Group definition.

Values your ROI

For less than purchasing a single hardware encrypted USB drive, get multiple protections and benefit from more control over mobile data. Be sure that your money is well spent by making the use mobile data protection imperative to all.

DUSK-USB being hardware agnostic let's you benefit from the best value for your USB drive investment without worrying about the protection.

Efficient Working Tool

Backups are available to recover data on USB drives in no time. An Administrator recovery key is incorporated into the protections should your organisation need to access data. Temporary user passwords are also available to assist a user at distance if passwords are lost or forgotten.

Tailored Solution to Your Needs

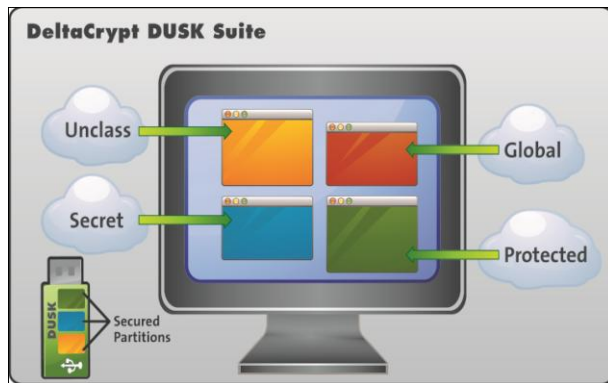
Don't let your organization's special requirements keep you from protecting or controlling sensitive corporate data. The DUSK Suite can be tailored to your needs.

Innovative Feature: Multiple Partitions

If USB drives may be connected to more than one network, or to networks of different sensitivity levels, DUSK-USB drives can be divided into secure partitions, each linked to specific networks.

The number of partitions accessible on each domain is quite flexible. Partitions can be restricted to specific domains or there can be multiple partitions made accessible per network.

With these multiple secure partitions, all of your mobile storage needs are answered with a single device eliminating the need to trail around several USB devices.



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The DUSK Suite solution lets organizations safely benefit from the mobility today's technology offers. Its FIPS-validated encryption solution brings the assurance that no unauthorized eyes will access corporate data should it be lost or stolen.

About DeltaCrypt

DeltaCrypt Technologies Inc. is a Canadian Corporation that specializes in encryption solution.

Since 2000, DeltaCrypt team of professionals has been concentrating on developing and adapting numerous software products related to corporate security and encryption. Prestigious, security-conscious customers from around the world have joined us over the years.

DeltaCrypt DUSK Suite was sponsored twice by the Canadian Defence at CWID 2009 and CWID 2010. The technology was granted a «Top Technology» mention from Canada.

DeltaCrypt is also proudly acting as a General Dynamics Canada sub-contractor for a Canadian Defence project.

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