



## DUSK-File Encryption

Current security expenditures on information is justified by many concerns; regulatory compliance, identity theft and identity management are the top three. Violation of privacy and theft of sensitive data scandals are in the news on a daily basis. Who can afford to be the next victim?

### Comprehensive File and Folder Protection

To protect a specific document or all sensitive files stored on individual computers (whether continuously or at computer shutdown) turn to the DeltaCrypt DUSK-File Encryption Solution to get versatile protection and ensure data confidentiality.

#### Confidentiality Guaranteed

DUSK-File Encryption ensures complete data confidentiality, leaving no footprint behind. It offers manual and automatic encryption functions that are FIPS-140-2 validated. DUSK-File Encryption also provides digital signatures for non-repudiation of documents.

#### Cloud Storage and File Sharing Solutions (Dropbox, OneDrive)

Whether using a cloud storage solution such as Microsoft OneDrive™ or a file sharing solution like Dropbox™, the DUSK-File Encryption safely protects all your documents when stored in a public space. Set the automatic encryption functions such as the Time-Interval Encryption, and all documents stored in the cloud will automatically be protected at set time intervals. Ensure the confidentiality of your files at all time with little intervention.

### DUSK-File Encryption not only secures files and folders, it also

- Automatically protects selected files and folders with minimum intervention
- Prevents eavesdropping by enabling to strictly decrypt a single file at a time while others remain secure
- Appends digital signatures to files encrypted or not





## Automatic Protection

The DUSK-File Encryption is also ideal for its automatic functions such as logoff encryption that is launched with no user intervention upon terminating a user session. The DUSK-File Encryption Time-Interval Encryption automatically launches encryption of all original files in pre-determined folder at set time intervals. Let it do the work for you.

## Secure Backup Copies

For secure backup copies, DUSK-File Encryption allows you to save an encrypted copy of your sensitive files in the folder of your choice. Placed in a separate folder, you can save your protected copies to an external drive or keep them in a cloud solution of your choice.

## Digital Signature

Digital signatures are used to ensure the integrity of an electronic document as well as to identify the author. DUSK-File Encryption allows to digitally sign a file that is encrypted or not. So when exchanging, you will detect if the exchanged document has been altered and at the same time you will get the assurance of its sender.

- Protection of selective files, folders, texts and electronic messages
- Robust public key encryption
- FIPS 140-2 validated
- No encryption footprint
- Command line arguments available
- Strong 256-bits encryption

## Technical Information

### Microsoft-Compatible Solution

Windows 10 64bits  
Windows 8.1 64bits  
Windows 7 64bits  
Windows Server 2012 R2 64bits  
Windows Server 2008 R2 64bits

### Configuration

Microsoft Active Directory

### Supported Algorithms

RSA key generation  
AES encryption/decryption: 256bits  
RSA encrypt/decrypt: 1024bits  
RSA sign & verify: 1024bits  
SHA1 512bits  
HMAC SHA1 512bits

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