

DeltaCrypt Technologies inc.



Custom-Built Solution

Don't let your company's special requirements keep you from protecting sensitive corporate data. Have any of the DeltaCrypt public key encryption solutions adapted to your environment.

Complete Range of Encryption Products

DeltaCrypt offers a complete range of encryption applications. Whether you want to protect your PC, data exchanges, emails, USB flash memory drives as well as your backups; DeltaCrypt has the right solution for you.

Strong Presence in Security-conscious Organizations and Industries

Governments, R&D, High Tech, Financial Institutions, Lotteries, Oil & Gas, etc.

DeltaCrypt Encryption Protection

DeltaCrypt is a privately owned corporation. Our dedicated team has been developing cryptographic applications for nearly 10 years. DeltaCrypt's mission is to develop new and innovative public key encryption technologies of the highest quality suited for medium, large & enterprise clients.

Public Key Encryption

DeltaCrypt applications offer public key encryption to secure exchanges and to protect sensitive files. Public key cryptography is an encryption method that uses two unique keys which are related: a public key which is used for encryption and a secret key (password) used to decrypt the data. As per its name, the public key is available to anyone wanting to cipher a message. However, the encrypted message can only be decrypted using the private key, which remains confidential.

1024bits RSA Keys

At encryption, a RSA public key is used by DeltaCrypt to cipher the symmetrical key included in the encryption key. At decryption, a RSA private key is used to decipher the symmetrical key. To maintain a high level of security, DeltaCrypt does not save the RSA private key on the hard drive conversely, it generates one each time the private key is required. In both cases, DeltaCrypt uses 1024bits RSA keys.

Hashing

DeltaCrypt uses a hash function to ensure the encryption integrity. All DeltaCrypt public key encryption applications benefit from a choice of hashing algorithms (SHA-1 SHA-256 and MD-5). This hashing produces a message digest to protect the encryption and the public key file integrity. For the DUSK USB protection, Encrypted Backup Solution and DEOS, DeltaCrypt strictly uses SHA-256.

AES Rijndael Encryption

DeltaCrypt applications integrate the Rijndael Algorithm (128-bit, 192-bit and 256-bit keys). The high security Rijndael algorithm is the new Advanced Encryption Standard (AES) chosen by the National Institute of Standards and Technology (NIST, FIPS-197).

FIPS 140-2 Certification

DeltaCrypt is currently undergoing a FIPS 140-2 Certification. The Federal Information Processing Standard (FIPS) Publication 140-2 is a U.S. government computer security standard used to accredit cryptographic modules.

OneClick Home Edition to protect your personal files and folders

DeltaCrypt OneClick Home Edition is the perfect protection for your personal files and folders. It offers the basic encryption functionalities to secure sensitive files on your home computer or on your personal laptop.

This **FREE** encryption protection version is for personal use only.

DeltaCrypt OneClick Home Edition lets a User create his/her own encrypting key. It also enables a User to determine how he/she wants encryption to be performed: in batch or one-to-one.

Secure your personal data or exchange safely with correspondents with OneClick Home Edition.



ONECLICK HOME EDITION SOLUTION FEATURES

Free and Easy to Use

The OneClick Home Edition is a FREE encryption software application for personal use only. DeltaCrypt OneClick Home Edition provides a simple, intuitive interface for encrypting and decrypting. Securing your files has become a must for everyone, not just for IT professionals!

File and Folder Protection

DeltaCrypt OneClick Home Edition Encryption Software provides basic file and folder encryption.

Batch Encryption or One-to-one Encryptions

DeltaCrypt OneClick Home Edition lets you choose between batch encryption and one-to-one encryption of your file selection. When choosing batch encryption, all your file selection will be encrypted into one resulting file to hide original file details from prying eyes.

If you choose to encrypt one-to-one your file selection, you will get as many resulting files as original ones. This encryption method enables you to individually decrypt the one file you wish to access while all others remain protected at all times.

Exchange Data Safely

Encrypt files for your correspondents and send them without worry.

Unlimited Encryption Capabilities

The OneClick Home Edition Encryption Software does not have any encryption limitations: with the number of files to encrypt or with the size of the files being encrypted.

ONECLICK HOME EDITION SPECS	
Operating systems	Windows 2000, XP and Vista
Application size	4.3 Mb
Hashing Algorithm	MD5, Sha-1 & Sha-256
Encryption Algorithm	Choice between AES 128-bit, 192-bit and 256-bit (Rijndael). All encryption methods are protected with RSA public and private 1024 bits keys.
Security	Public key encryption protection generated by a password or pass phrase
Protection	User password
Distribution	Download
Installation	Executable file, unlimited privileges
Language	English, French

How OneClick Home Edition works

- Installation is done by running an executable file on the computer
- The first step to encryption is to create a public key to be later used for encrypting.
- When beginning a session, one chooses if encryption should be performed in batch or one-to-one.
- If batch mode is chosen, the encrypted files will result into one file while if one-to-one mode is preferred, the encrypted files will result into as many resulting files as original ones.



To Contact Us

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