

## **Cryptainer**

Cryptainer is a simple, easy to use encryption software that creates an encrypted virtual drive, provides password protection and hides any file or folder ensuring file encryption, automatically. Its powerful encryption ensures that only you can access your data. Cryptainer offers a choice between a 448-bit implementation of Blowfish and a 256-bit implementation of AES (Rijndael).

Cryptainer combines ease of use with state-of-the-art technology to ensure total security, zero learning curve and maximum convenience! Cryptainer offers true on-the-fly disk encryption making sure that absolutely anyone can use it effectively. What you get is foolproof, hassle-free, unbreakable computer security.

### **Virtual Drive**

Cryptainer creates a volume (vault) that can only be accessed with a password. This volume stores files in the encrypted form. Once mounted, the Cryptainer drive is like any other drive you normally work with. It functions like any other drive (C: or D:) on your computer. Just drag and drop any file into the Cryptainer Vault. It is automatically encrypted. It's that simple. Cryptainer vaults can only be viewed, accessed, browsed or modified by the user who has the key to open it. At other times, the files are invisible.

The Cryptainer Drive is actually a file. All data is stored encrypted within this drive. These volumes can be transported (moved/copied) to any location (another folder, another drive or even to a CD).

### **Cryptainer Mobile**

Cryptainer allows you to create a 'stand alone' installation of Cryptainer, known as Cryptainer Mobile. This installation, allows you to load directly from the removable media without having to install anything permanent on the host machine. This feature allows you to securely transport your data via USB's, CD's, DVD's, Zip disks etc.

### **Secure Email**

Cryptainer allows for the creation of self extracting encrypted files. The recipient need not have Cryptainer installed to decrypt the files. All that is required is the password. This allows for a totally secure communication system that makes use of existing generic e-mail clients on a public network, yet allows for totally secure data transfer.

### **Cryptainer VS Microsoft's Encrypted File System (EFS)**

Using Windows EFS, copying encrypted files to any other file system type (FAT, FAT32, earlier versions of NTFS) will save the file in decrypted form. Cryptainer files remain encrypted when copied to other files systems. Similarly, opening EFS encrypted files over the network, decrypts the file on the remote side and sends decrypted data over the network. This is not true for Cryptainer. For more details - <http://www.cypherix.com/cryptainerse/efs.htm>

### **System Compatibility**

Cryptainer works with all 32 bit versions of Microsoft Windows (Win 95/98/NT/2000/XP). It encrypts on all file systems such as FAT, FAT12, FAT32, NTFS or NTFS with EFS.

## **Features**

**Real time file and folder protection** - Cryptainer's high-security 'on the fly' disk encryption technology ensures that your data is safe at all times. Simply drag and drop to encrypt.

**Fast Encryption** - Cryptainer is fast! You will barely notice the difference in speed as compared to a regular copy paste function.

**No Format limitations** - Cryptainer encrypts every kind of file format, whether it is textual, tabular, graphical, organized in a database, audio or video.

When you start Cryptainer, **the virtual drive** will appear as a drive in your "My Computer" folder within Windows Explorer. You can even view it through the MS-DOS prompt. Once the virtual drive is loaded, you can copy, move, delete and drag and drop files just as you would with any other hard disk. Once unloaded, with a single click, your data gets encrypted.

**Standard Windows functions** such as cut, copy, paste, new file / folder creation, etc. can be used within the encrypted drive.

**Customized, easy to remember passwords** - The length of your password/phrase can be an alphanumeric combination of up to 100 characters; hence you can use longer phrases that are easier to remember, as your password.

It can create volume files on **removable media**. This allows for the flexibility to store and port data on removable media like Zip disks, tape drives, etc.

Cryptainer works with **all 32 bit versions of Microsoft Windows**, on file systems such as FAT, FAT12, FAT32, NTFS, NTFS with EFS, etc.

**Up to four virtual drives** can be accessed at any given time. Not only can one can create multiple volumes, but can also work with 4 volumes, simultaneously.

**Encrypted Backups** are a standard feature using standard backup software/hardware, ensuring safety and integrity of data.

Encryption based **user access control** allows only authorized users to access the data. It maintains the legitimacy and integrity of data.

## **Technical Specifications**

PLATFORM	Intel/AMD/Cyrix/Other compatible architecture
OPERATING SYSTEM	Windows 95 (OSR2) Windows 98 Windows ME Windows 2K family Windows XP family Windows 2003 Server family
DISK REQUIREMENT	2MB approx on all platforms
ENCRYPTION ALGORITHMS	Cryptainer runs a 448 bit implementation of the Blowfish algorithm in Cipher Block Chaining (CBC) mode with a block size of 64 bytes. It also offers an option of AES at 256 bits.
CONFORMITY TO STANDARDS	Conforms to the following standards SHA NIST FIPS Key setting PKCS 5v2 HMAC RFC2104 HMAC test vectors RFC2202 IBS - ICS 36.080

## **Pricing & Licensing**

Should you wish to purchase, you can purchase upto 500 licences of Cryptainer 6.0 on-line at <https://secure.cypherix.com/store.htm>

All our products have the same functionality. The only difference between them is the capacity of the Cryptainer vault. Cryptainer ME allows for the creation of multiple 2.5 GB vaults, Cryptainer PE allows multiple 25 GB vaults, and Cryptainer 6.0 allows multiple 250 GB Vaults.

<b>No. of Licenses</b>	<b>Cryptainer ME 2.5 GB vaults</b>	<b>Cryptainer PE 25 GB Vaults</b>	<b>Cryptainer 6.0 250 GB vaults</b>
<b>1</b>	\$29.95	\$45.00	\$89.95
<b>2</b>	\$49.95	\$79.95	\$149.95
<b>3</b>	\$69.95	\$109.95	\$199.95
<b>5</b>	\$109.95	\$164.95	\$299.95
<b>10</b>	\$189.95	\$284.95	\$499.95
<b>25</b>	\$399.95	\$589.95	\$995.95
<b>50</b>	\$699.95	\$995.95	\$1994.00
<b>100</b>	\$1195.95	\$1695.95	\$2894.00
<b>250</b>	\$1795.00	\$2594.00	\$5589.00
<b>500</b>	\$2995.00	\$4594.00	\$9789.00

For more than 500 licenses, please contact us at [info@cypherix.com](mailto:info@cypherix.com).

Our licences are perpetual. In addition, all existing customers (as has been the case for the last 8 years) are eligible for free updates of the software for 2 years from the date of purchase, irrespective of the type of update.

We offer free technical support to all our existing customers.