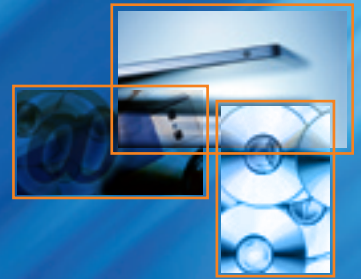


# ProtectPack

Portable media encryption



How do you protect data that leaves the confines of a protected LAN or PC?  
How can you effectively ensure a file or folder remains totally confidential when transferring to another individual via download from a web or FTP site, a portable USB drive, burnt to a CD or DVD, via email or any other of today or tomorrow's file mobility technology?



**SafeNet Borderless Security ProtectPack enables secure, encrypted transfer and storage of confidential data files on unprotected mediums (both portable and network) that are difficult to defend by conventional network security mechanisms. The .pac file can also compress data before encryption to enable maximum storage and data transfer efficiency.**

## Minimal learning curve, minimal training required...

**ProtectPack** is seamlessly embedded within the Windows environment ensuring users with existing Windows knowledge can easily 'Pack' and 'Unpack' files. Converting to an encrypted .pac file is as simple as right clicking on the file/folder. An authorized recipient does not need to have **ProtectPack** installed on their device to unpack a ProtectPacked file. The self-extraction option attaches a compressed launch program, requiring the recipient to only enter the passphrase to unpack the file to an unencrypted format.

An additional benefit delivered by **ProtectPack** includes increased data transfer and storage efficiency by optionally compressing the data before encryption. The compressed .pac file format consumes minimal bandwidth enabling rapid and secure transfer of data packets, whilst also ensuring minimal drive space is consumed during storage.

**ProtectPack** is quick to install and deploy in enterprise environments of all sizes. Administrators can rapidly and conveniently roll out the application across a Local Area Network (LAN) in the same manner as other standard Windows utilities, ensuring efficiency and minimal disruption to networked users.

## BENEFITS AT A GLANCE

### SECURITY

- Secure your data on unprotected storage and transfer mediums
- Tried and tested AES 256-bit encryption, estimated to take 149 trillion (thousand billion) years to electronically crack via a brute force attack on a 256 bit key

### USABILITY

- Minimal learning curve and training required
- Rapid uptake is assured by all users enterprise wide, at all levels of computer experience
- Secure data exchange with any partner using the self-extraction option

### MANAGEABILITY

- Rapid and convenient deployment via Microsoft Installer
- Speedy and convenient mass deployment via the silent batch file installation function
- Requires no additional learning curve for administrators familiar with the Windows environment

## THE .PAC FILE

- The .pac file compresses data before encryption to enable maximum storage and data transfer efficiency
- ' .pac ' stands for 'Private and Compressed', and is often referred to as a 'Pack' file

PRODUCT DATA SHEET



## ProtectPack = Ultimate Security

ProtectPack offers unparalleled levels of security for critical and confidential information. ProtectPack delivers absolute privacy for your data, whether in transit through insecure networks or storage on insecure media.

### Security Features

AES 256 encryption algorithm

Option for 10 – 70 character pass-phrase

### Security Benefits

**Effective protection for confidential data.**

Next generation industry standard algorithm ensures the utmost security and privacy of information. This tried and tested 256 bit encryption is estimated to take 149 trillion (thousand billion) years to electronically crack via a physical attack on a 256 bit key.

**Protect files against unauthorized access.**

The more characters used in a pass-phrase results in greater difficulty to crack.



## ProtectPack = Ultimate Usability

Usability is one of the greatest benefits delivered by ProtectPack. ProtectPack functions seamlessly with Windows workstations enabling users to encrypt and compress files in one step within the common Windows environment.

### Usability Features

Seamless integration with Windows Explorer Context Menu

Option to attach a self-extractor for 'packed' files

Streamlined compression and encryption of data

### Usability Benefits

**Ease of use and rapid uptake.**

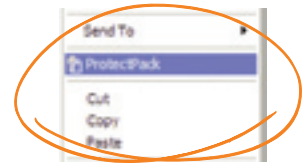
Quick packing and unpacking of files/folders via right-click or double-click, ensures ease of use in Microsoft Windows environments. Users with basic Windows knowledge will not need application specific training to operate **ProtectPack**, ensuring high levels of usability and uptake.

**Secure data exchange with any authorized partner.**

Users can easily exchange encrypted data without the recipient having **ProtectPack** installed on their device and without a shared IT infrastructure. Only the pass-phrase is required to unlock and open the encrypted file.

**Minimize bandwidth and storage consumption.**

The optional compression of data before encryption ensures the smallest possible file size. This reduces congestion and bandwidth costs within network channels and allows increased data storage on portable media.





## ProtectPack = Ultimate Manageability

ProtectPack is quick to install and deploy in enterprise environments of all sizes.

### Manageability Features

### Manageability Benefits

Integrated into Microsoft Windows

No need for additional infrastructure.

Installation and deployment via Windows Installer

Rapid and convenient deployment.

Administrators can rapidly and conveniently roll out the application across a Local Area Network (LAN) in the same manner as other standard Windows utilities, ensuring efficiency and minimal disruption to networked users.

Silent batch file installation

Cost effective mass deployment.

No Administrator and user interaction is required when deploying across a network of multiple machines.



## ProtectPack makes secure file transfer and archive easy

ProtectPack enables secure, encrypted transfer and storage of confidential data files on unprotected media (both portable and network) that are difficult to defend by conventional network security mechanisms.

1. Pack (compress and encrypt) a file or folder on the required storage device.

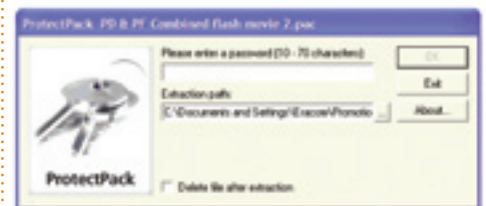
2. Leave packed file stored on your device in secure compressed format and/or securely transfer to other people using email, CD ROM, memory stick etc.

3. Unpack from encrypted format using pass-phrase.



Receiving computer

The packed file/folder self-extractor option enables secure exchange of encrypted data without the recipient having **ProtectPack** installed on their device.



ProtectPack Password Entry Screen



## TECHNICAL SPECIFICATIONS

### Encryption Algorithm

- AES 256

### Minimum System Requirements

- 5Mb of free disk space

### Supported Platforms

- Microsoft Windows NT, 2000, XP, Terminal Server

## ABOUT SAFENET

SafeNet (SFNT:Nasdaq) is a global leader in information security. Founded more than 20 years ago, the company provides complete security utilizing its encryption technologies to protect communications, digital identities and intellectual property, and offers a full spectrum of products including hardware, software, and chips.

ARM, Bank of America, Cisco Systems, the Departments of Defense, and Homeland Security, Microsoft, Samsung, Texas Instruments, the U.S. Internal Revenue Service, and scores of other customers entrust their security needs to SafeNet. For more information, visit [www.safenet-inc.com](http://www.safenet-inc.com).

**Corporate:** 4690 Millennium Drive, Belcamp, Maryland 21017 USA  
Tel: +1 410 931 7500 or 800 533 3958 Email: [info@safenet-inc.com](mailto:info@safenet-inc.com)

## WORLDWIDE OFFICES

### SALES OFFICES

**Australia** +61 3 9882 8322  
**Brazil** +55 11 3392 4600  
**Canada** +1 613 723 5077  
**China** +86 10 8266 3936  
**Finland** +358 20 500 7800  
**France** +33 1 47 55 74 70  
**Germany** +49 18 03 72 46 26 9  
**Hong Kong** +852 3157 7111  
**India** +91 11 2691 7538  
**Japan (Tokyo)** +81 45 640 5733  
**Korea** +82 31 705 8212  
**Mexico** +52 55 5575 1441  
**Netherlands** +31 73 658 1900  
**Singapore** +65 6297 6196  
**Taiwan** +886 2 2735 3736  
**U.K.** +44 1276 608 000  
**U.S. (Massachusetts)** +1 978 539 4800  
**U.S. (New Jersey)** +1 201 333 3400  
**U.S. (Virginia)** +1 703 279 4500  
**U.S. (Irvine, California)** +1 949 450 7300  
**U.S. (Santa Clara, California)** +1 408 855 6000  
**U.S. (Torrance, California)** +1 310 533 8100

**Australia** +61 2 9906 2988  
**Brazil** +55 21 2215 5765  
**Czech Republic** +420 2 2423 6833  
**Germany** +49 2151 3630 20  
**India** +91 80 5110 0600  
**Italy** +39 02 7729 7599  
**Netherlands** +31 20 311 6540  
**Singapore** +65 6559 3449  
**Switzerland** +41 61 462 2010  
**U.S. (Roseville, California)** +1 916 677 2450

Distributors and resellers located worldwide

[www.safenet-inc.com](http://www.safenet-inc.com)