

In Confidence

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Welcome to In Confidence

In Confidence

In Confidence provides the simplest way to improve the security of your computer based information and communications.

In Confidence provides the facility to safely encrypt (securely hide) information such that it can only be decrypted (unhidden) by a specified person. By declaring the specified recipient to be yourself you can stop anybody else having access to your confidential information. By declaring the specified recipient to be someone else who has In Confidence you can safely send confidential information on floppy disks or through the Internet, in the knowledge that only that person can read the contents of the file or message.

In Confidence

Unique User Identity File

This file has properties which make it unique to you. There are two parts to this file, held in your In Confidence directory:

.FKS this is the private part of your user identity which allows you to decrypt messages sent to you.

.PKY this is the part that, whilst keeping a copy in your In Confidence directory, you can give to friends and colleagues who have In Confidence, so that they can send you encrypted messages and information.

In order to send secured information to a friend or colleague who also has In Confidence, you must first get a copy of their .PKY file and place it in your In Confidence directory. Your friend or colleague will then be listed as a possible recipient of encrypted information within your copy of In Confidence.

To allow people to communicate securely with you, give them a copy of the .PKY file you will find in your In Confidence directory. Note: In order for two people to communicate securely both must have a licensed copy of In Confidence.

In Confidence

Encrypting Files

Encryption is the process of making the file unreadable. In Confidence allows two ways to encrypt, or hide, information:

- 1) Pressing the ENCRYPT  button brings up a screen which asks for three pieces of information:
 - i) The person who is to receive the file (the recipient) - pressing the Destination button reveals a list of all the people you can encrypt information to. The recipient is selected by clicking on their name and pressing the OK button.
 - ii) The file you wish to encrypt - Source File. Pressing the Browse button reveals a standard file selection screen, which allows you to choose the disk drive, directory and file you desire. Pressing OK selects the chosen file.
 - iii) The file name to save the encrypted version to -Output File. Pressing browse allows you to select a disk drive, directory and file name. Pressing OK selects the file name. NOTE: you can overwrite an existing file or the Source File if you wish.

Finally, by pressing the OK button the file will be encrypted.

- 2) Dragging a file (or multiple files) from File Manager (in Windows 3.x), or Explorer and My Computer (Windows 95) onto the ENCRYPT  button (by selecting the file, pressing the left mouse button and keeping it pressed until it is over the Encrypt button). This brings up a screen with four buttons:
 - i) Cancel stops any further action.
 - ii) Skip this File prevents encryption on the one file displayed and proceeds to the next on dragged onto the button.
 - iii) OK, Do All Files proceeds to encrypt all the files dragged onto the button.
 - iv) OK, Do this File allows you to encrypt one file at a time.

Once an OK button is selected you are presented with the list of possible recipients.

NOTE: Dragging files onto the encrypt button always overwrites the original, this means that if you have not selected yourself as the recipient you will not be able to access that file again.

In Confidence encryption is designed to be secure, consequently only the designated recipient will be able to decrypt a file. Therefore, if you wish to drag a file for encryption, but still need access to it, you should save a copy of it first.

You can secure files for private use only by designating yourself as the recipient, then only you can decrypt it.

In Confidence

Decrypting Files

Decryption is the reverse process of encryption, i.e. making the file readable again. In Confidence encrypts a file so that only one person can decrypt it. There are two ways to decrypt a file:

- 1) Pressing the DECRYPT  button brings up a screen which asks for two pieces of information:
 - i) The file you wish to decrypt - Source File. Pressing the Browse button reveals a standard file selection screen, which allows you to choose the disk drive, directory and file you desire. Pressing OK selects the chosen file.
 - ii) The file name to save the decrypted version to -Output File. Pressing browse allows you to select a disk drive, directory and file name. Pressing OK selects the file name. NOTE: you can overwrite an existing file or the Source File if you wish.

- 2) Dragging a file (or multiple files) from File Manager (in Windows 3.x), or Explorer and My Computer (Windows 95) onto the DECRYPT  button (by selecting the file, pressing the left mouse button and keeping it pressed until it is over the Decrypt button). This brings up a screen with four buttons:
 - i) Cancel stops any further action.
 - ii) Skip this File prevents decryption on the one file displayed and proceeds to the next on dragged onto the button.
 - iii) OK, Do All Files proceeds to decrypt all the files dragged onto the button.
 - iv) OK, Do this File allows you to decrypt one file at a time.

NOTE: Dragging files onto the decrypt button always overwrites the original, this means you will no longer hold an encrypted copy of the file.

Other Products

Signed In Confidence

Signed In Confidence provides all the features of In Confidence, combined with the added assurance of knowing who sent the file and that it has not been modified since it was signed by the sender.

In addition to a normal encryption tool Signed In Confidence employs a mechanism which uniquely tags the file and then applies encryption using the senders Unique User Identity File. The benefit of this is three fold:

- 1) You can be confident that a specific person sent the file.
- 2) You can tell if the file has been modified since it was signed.
- 3) You have evidence that a specific person sent you the file.

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