

Executive Summary 'Person To Person' PTP Encryption

Person To Person (PTP) software provides necessary security for email. PTP is designed to be an independent "personal software" application you can take everywhere with you for life, your personal lock & key. First, the problem.

Email security is a problem because

- 1) Email isn't secure
- 2) The internet is not secure
- 3) PC's, servers and Windows are not secure
- 4) People are not secure in their procedures
- 5) Data is valuable, there are people out there who want your information

Users are not aware that there is a problem

Accountants email accounts as PDF or Excel attachments. Solicitors exchange commercial contracts as Word documents. Examples abound where there is an assumption that email attachments are secure.

The PTP Solution

There are many people who would like to be able to send e-mail to a correspondent so that only they would be able to read it and for them to be certain of the originator. They would also like the received data to be free from virus or other corruption, this means digital signing and encryption which is what PTP does.

PTP allows you to send secure confidential information, documents, contracts etc for a specific person or client to read. So that only that individual person or client of yours can ever open the documents.

In PTP you would have a secure contacts list. When you encrypt a file with PTP you choose a secure contact from the list. This person's digital signature is included with the encryption which means that no-one else can open it.

To add people to your secure contacts list in PTP you simply (with a couple of clicks) exchange a digitally signed file from PTP called MyPublicKey.txt with your email contacts. You are now ready to send and receive.

You can sign one or a small number of files and send the result to any correspondent who also possesses the software: each will be able to authenticate the sender. Each correspondent will then be able to select the recipient and generate encrypted files which can only be decrypted by the intended target.

Because users can see what is happening to their files and are involved in the security process, this will contribute to a culture of increased confidence and understanding leading to a much more widespread and successful use of the encryption technology.

Its as simple as that, simple installation and no Digital Certificates!