

USE OF ENCRYPTION SOFTWARE GNUPG WITH WINDOWS

(Also available for Unix/Linux)

GNUPG is a free program. Because it does not use IDEA or RSA it can be used without any restrictions. Please refer to <http://www.gnupg.org/> for further information on this program.

To install the GNUPG program on your computer follow these instructions

1. Installation and Extraction

Launch the program gnupg-w32cli-1.4.8.exe and install the files in C:\Program Files\GNU\gnupg

2. Use of software GNUPG with public key from CATRENE Office

- * Copy / extract the file CATRENE2008.key (sent in the original email within Encryption2008.zip) to the directory C:\Program Files\GNU\gnupg
- * Open the Command Prompt window
- * Position the cursor after the prompt and type the following text EXACTLY, including spaces (marked here with '_'), followed by return:

```
cd_c:\Program Files\GNU\gnupg
```

- * The text 'C:\Program Files\GNU\gnupg>' now appears. Launch the GNUPG program, GPG.EXE, in order to use the CATRENE public key by typing the following text EXACTLY, including spaces (marked here with '_'):

```
GPG_--import_CATRENE2008.key
```

- * The phrases "Please note you do not have secure memory... and ..keyring created.." should appear. This is normal.
- * Once the process is completed C:\Program Files\GNU\gnupg reappears.

3. Encrypting a document to be securely transmitted to the CATRENE Office (once the GNUPG software and CATRENE public key have been installed, start from point 3 for all future encryption's)

- * Copy the document to be encrypted (e.g.: proposal.doc) into the file directory C:\Program Files\GNU\gnupg (The document name should have NO spaces within the file name e.g. Proposal 1.doc should read Proposal1.doc)
- * Open the Command Prompt window, if not already open (see point 2, lines 2&3) type the following text as before, followed by the return key:

```
cd_c:\Program Files\GNU\gnupg
```

- * The text ' C:\Program Files\GNU\gnupg >' now appears
- * Launch the GNUPG program to encrypt the document by typing the following text EXACTLY, including spaces (please note: replace proposal.doc with your own filename) followed by return:

GPG _--recipient_catrene@catrene.org_--encrypt_proposal.doc

- * Should the phrase "It is NOT certain that the key belongs to its owner... use this key anyway?.. type YES"... Please type YES.
- * Please disregard the phrase, should it appear, "Note: you should run 'diskperf -y' to enable disk statistics"
- * Once the process is completed c:\Program Files\GNU\gnupg reappears.

The document has now been encrypted and placed in the file directory C:\Program Files\GNU\gnupg (e.g. Proposal.gpg)

Please transmit this secure .gpg document to the CATRENE Office at:

applications@catrene.org

or:

technologies@catrene.org

For further information and help on GnuPG either type:

Cd_c:\Program Files\GNU\gnupg
GPG_ --help

or access <http://www.gnupg.org/docs.html>

Help documents (eg. English MiniHOWTO) are available online in several languages.