



Autonomous Privacy Project

The only one that can guarantee your privacy and data on your devices and communications through email is you. Secure email. Secure files. Secure data before cloud upload.

This is a FREE, simple and unbreakable way.

Whitenoise is a one-time-pad. https://en.wikipedia.org/wiki/One-time_pad

Whitenoise is patented globally including Canada, the United States of America, India and China.

This FREE security program supports English, French, Spanish, Portuguese and Chinese languages.

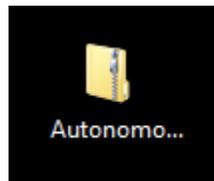
Installation and Usage guide for the Whitenoise Email Attachment and File Encryptor

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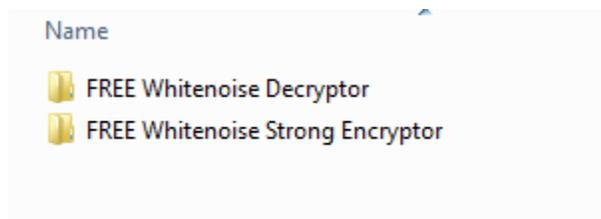
Start

You have downloaded the Free Whitenoise Email Attachment and File Encryptor as a zip file.

Click on the Autonomous Privacy Project zip file to open it.



You see two folders.



Click on the FREE Whitenoise Strong Encryptor folder. (After you install this program return here and install the FREE Whitenoise Decryptor.)

Name	Type
 setup	Application

Run setup.exe

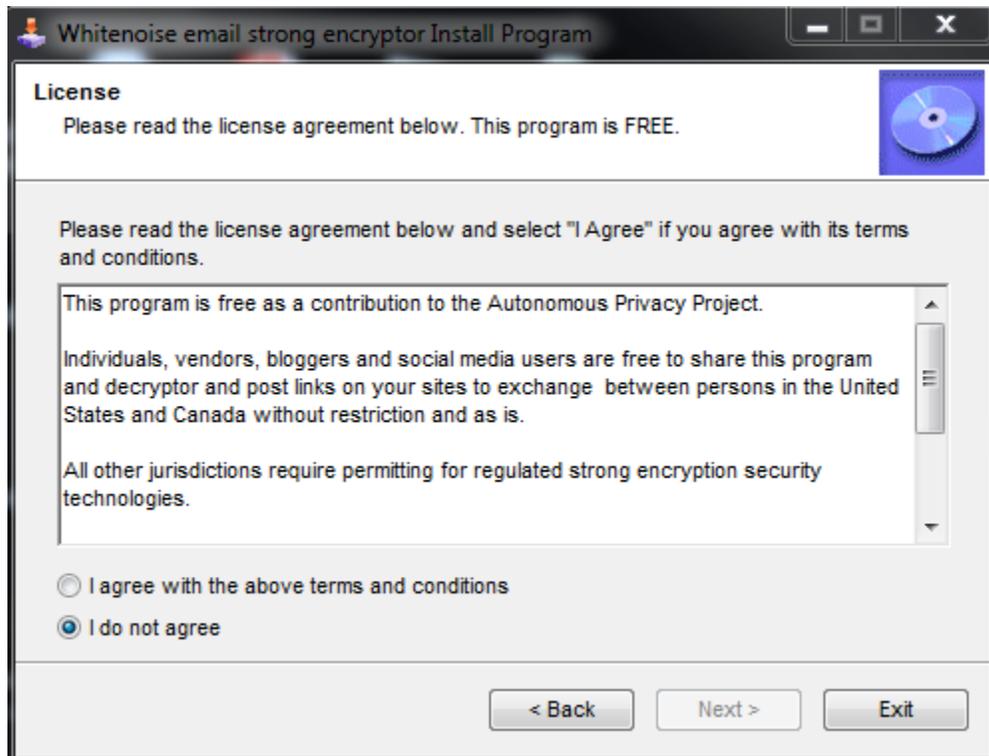
You will note that on install a User Account Control dialog box will come up showing that Whitenoise Laboratories Canada Inc. is a recognized publisher and has code signed the application for integrity and safety of install.

Follow the instructions on the install utility.

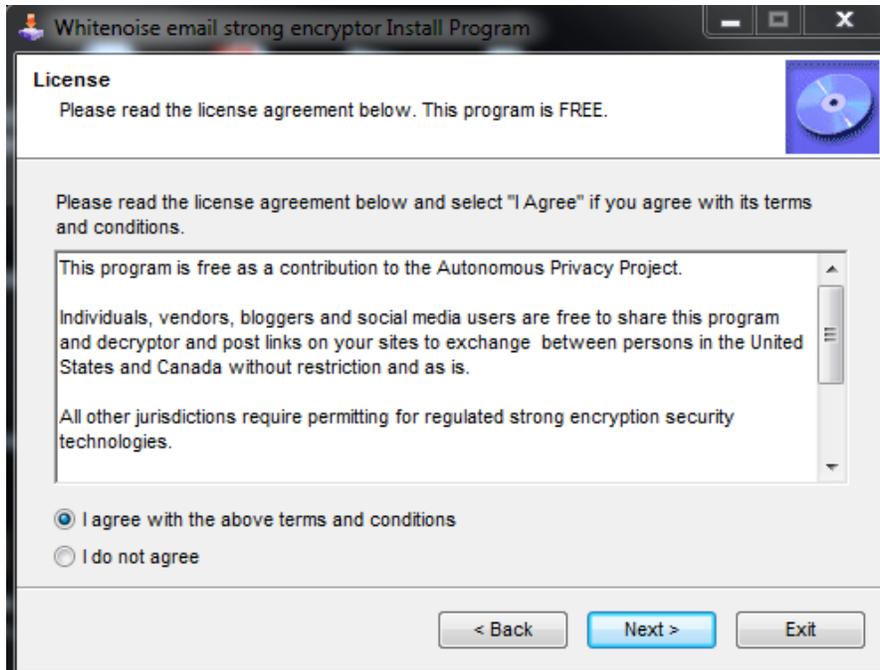
Click the Next button.



Highlight "I agree with the above terms and conditions" to continue.

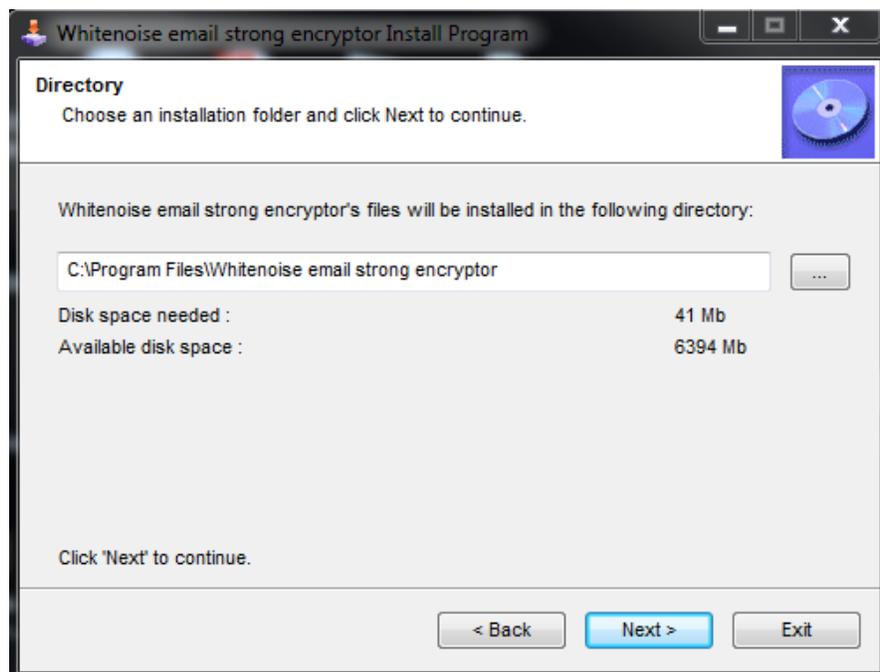


Click Next



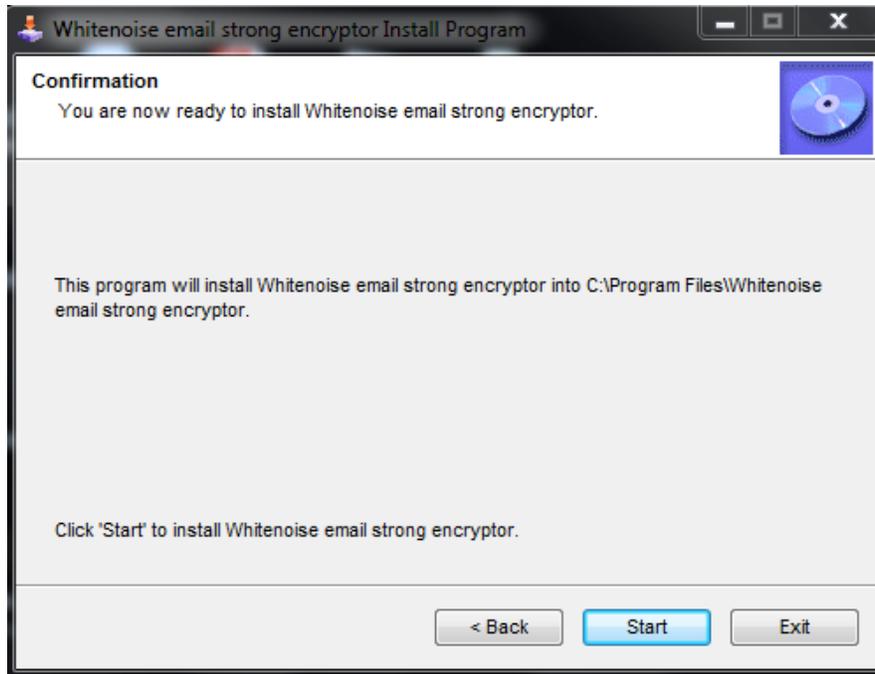
Next you are provided information on space requirements and where the program is to be installed.

Click Next.

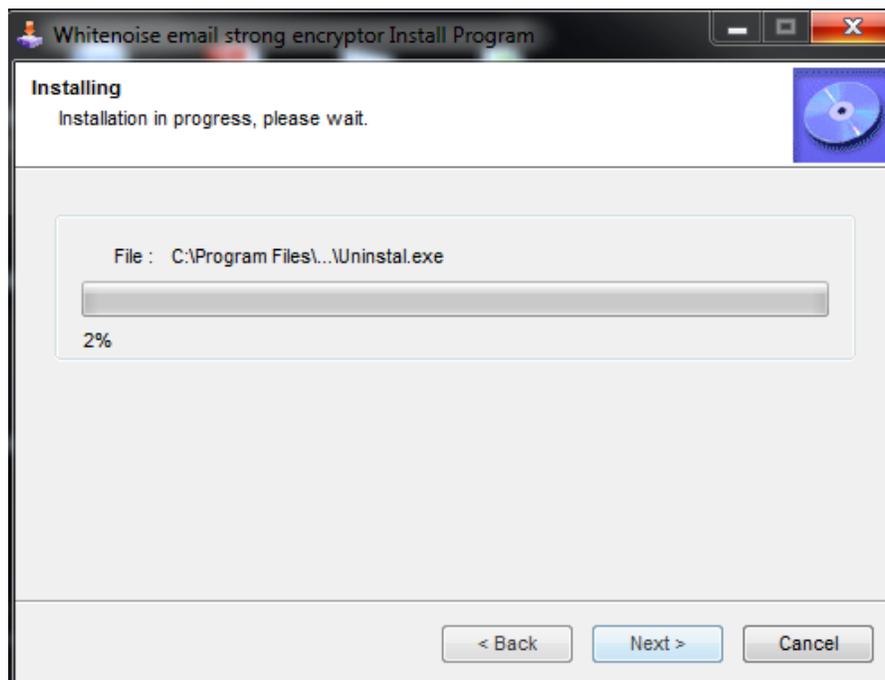




Click Start button.

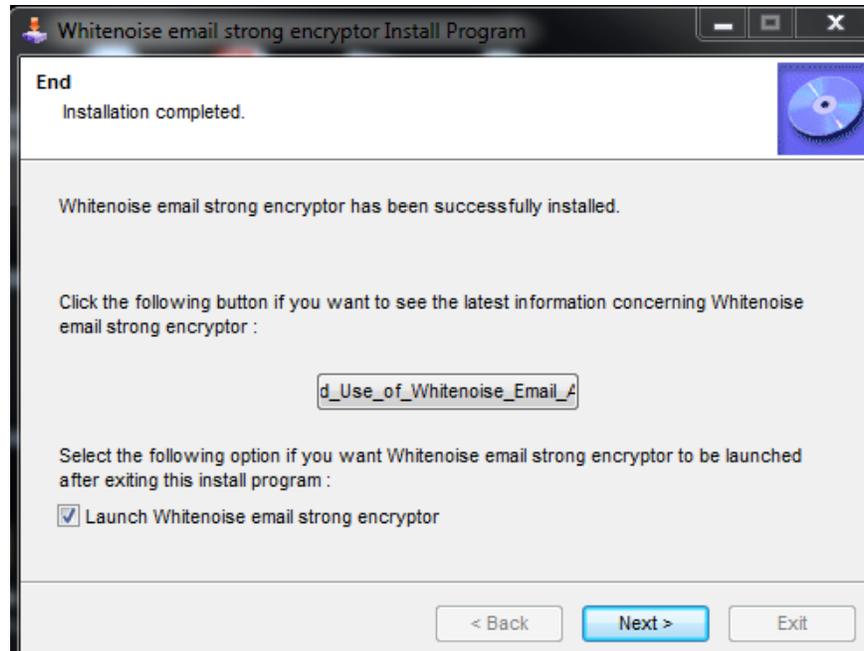


You see installation progress.



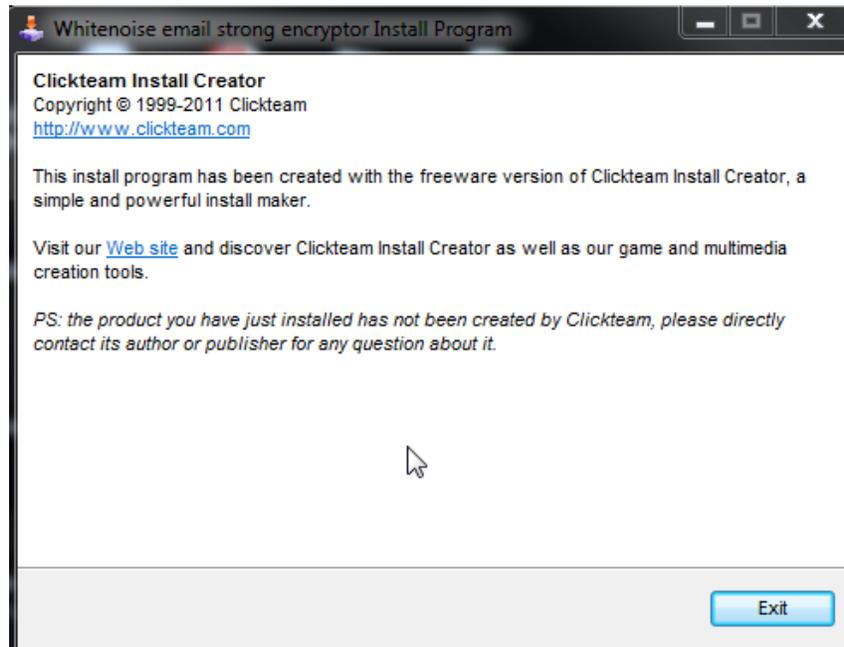


Install is complete.



The install program you have just used is from Click Team.

Click Exit. The application will come up automatically for immediate testing and use.





Encrypting a file

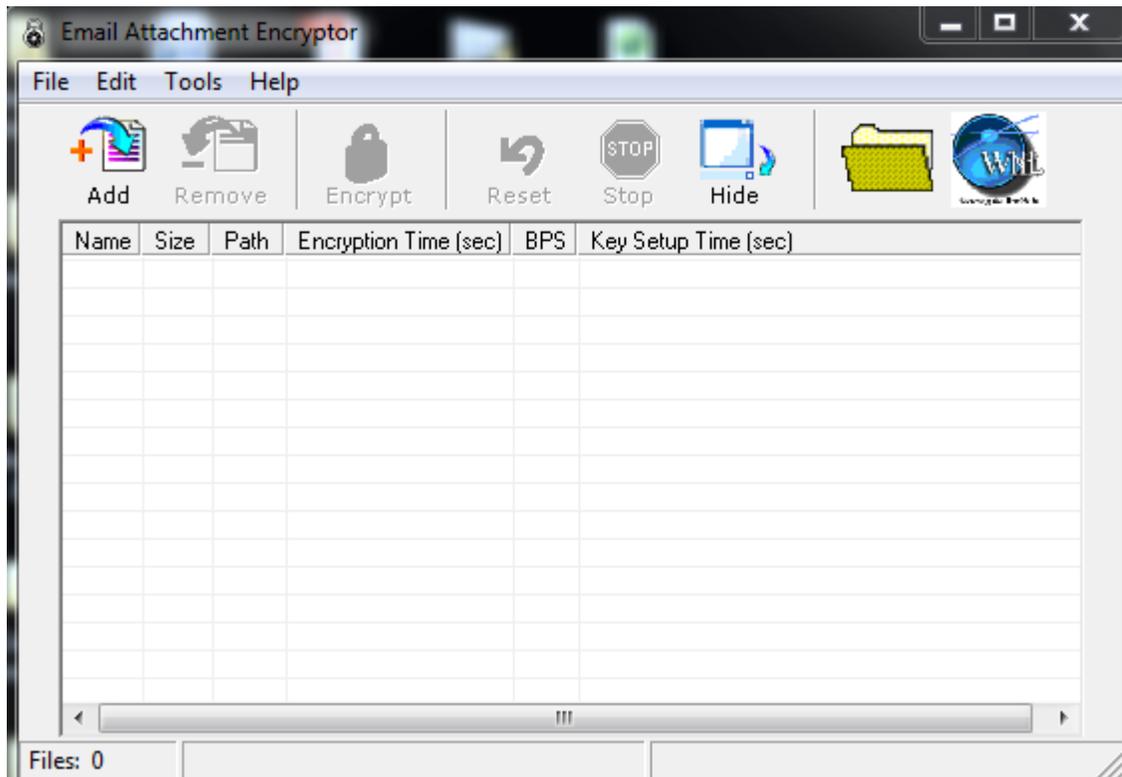
Email communications are far more secure attaching an encrypted file to an email rather than relying on the encryption of the entire email which provides crib information for hacking and which often relies on flawed PKI implementations.

This utility can also be used to encrypt files that you intend to leave on your computer in a secure state.

If you chose Launch on completion the encryption program will come up automatically. If you did not chose Launch click on the application icon on your desktop.

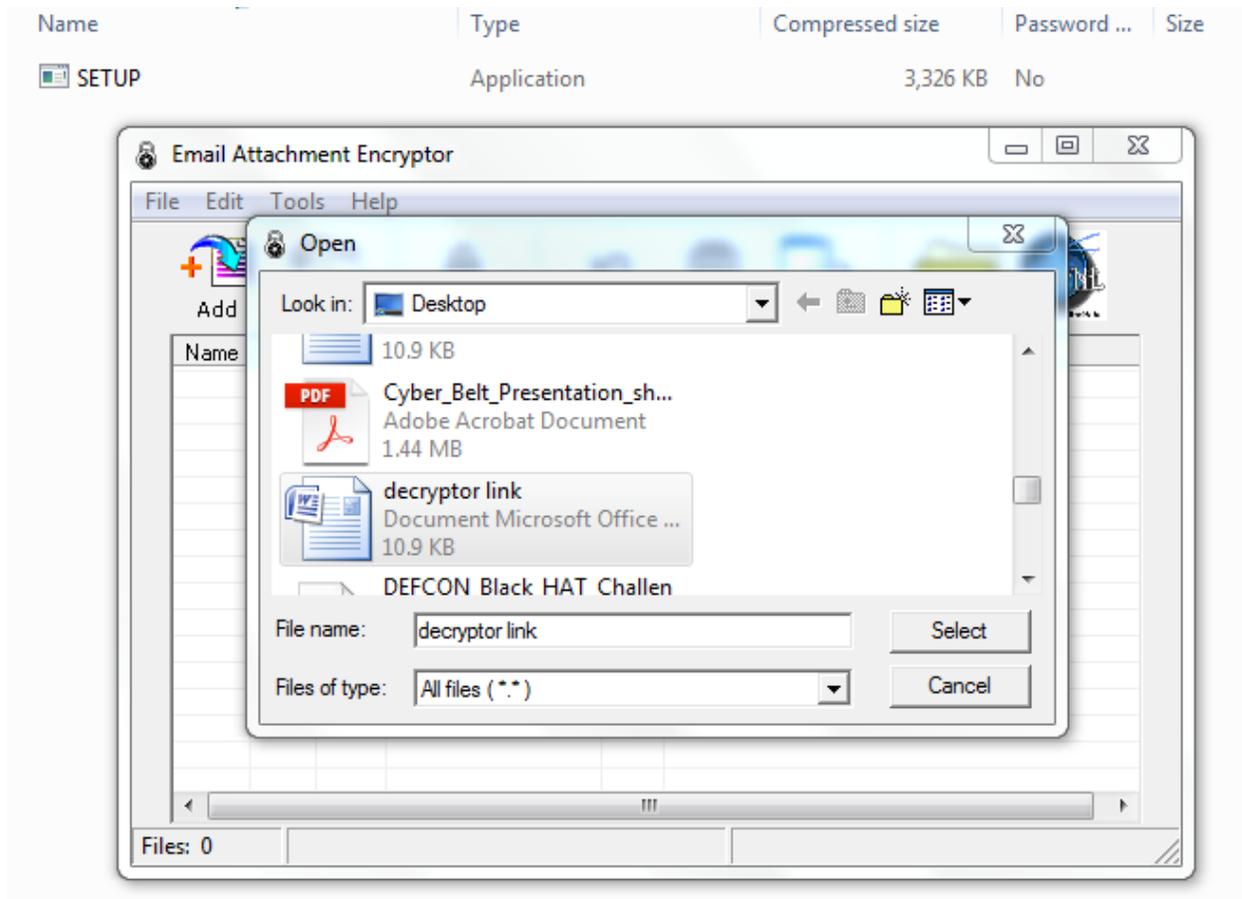


Click the **Add** button to select a file you wish to encrypt.



The Windows Explorer dialog box comes up and a file(s) is chosen for encryption. In this example it is on the desktop and it is called “decryptor link”.

Click the Select button when you have chosen a file you want to encrypt and forward.

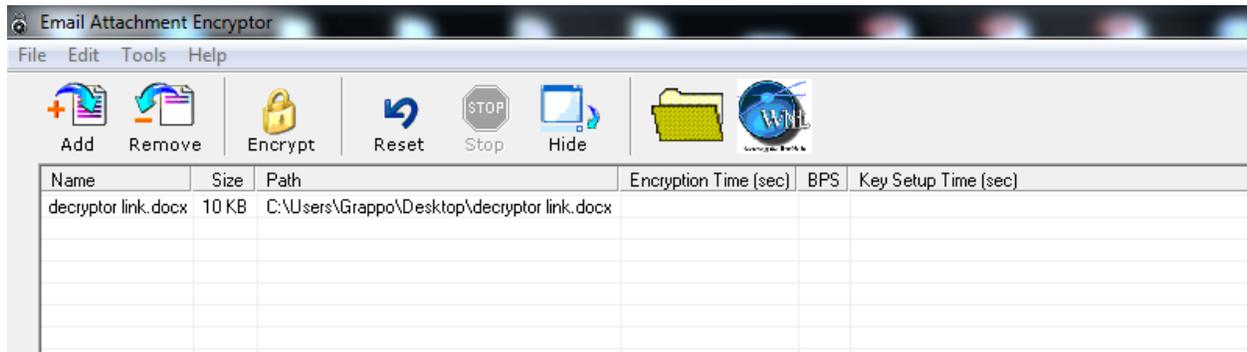




Below, you can see the file “decryptor link” has been added to the Encryptor dialog box.

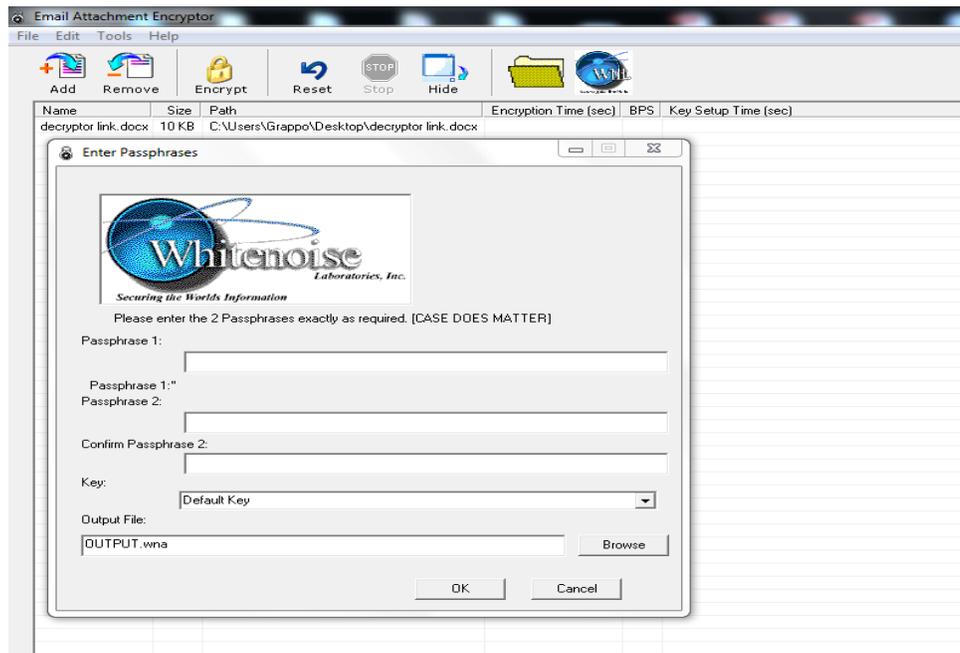
You see the file name, file size, and its location/path.

Click the Encrypt button.



A dialog box “Enter Passphrases” comes up.

These can accept up to 64 bit pass phrases. Using dual pass phrases exponentially increases the strength of the passphrases using Microsoft recommendations of 8 characters, capital letters, regular letters and numbers and special characters. See <http://www.wnlab.com/products/emailenc.php> to learn how Whitenoise keys are constructed, why they are so strong, and how your passphrases perturb a key schedule.





Enter the two pass phrases that you have previously agreed upon with your confidante and intended recipient.

Repeat the second pass phrase for confirmation.

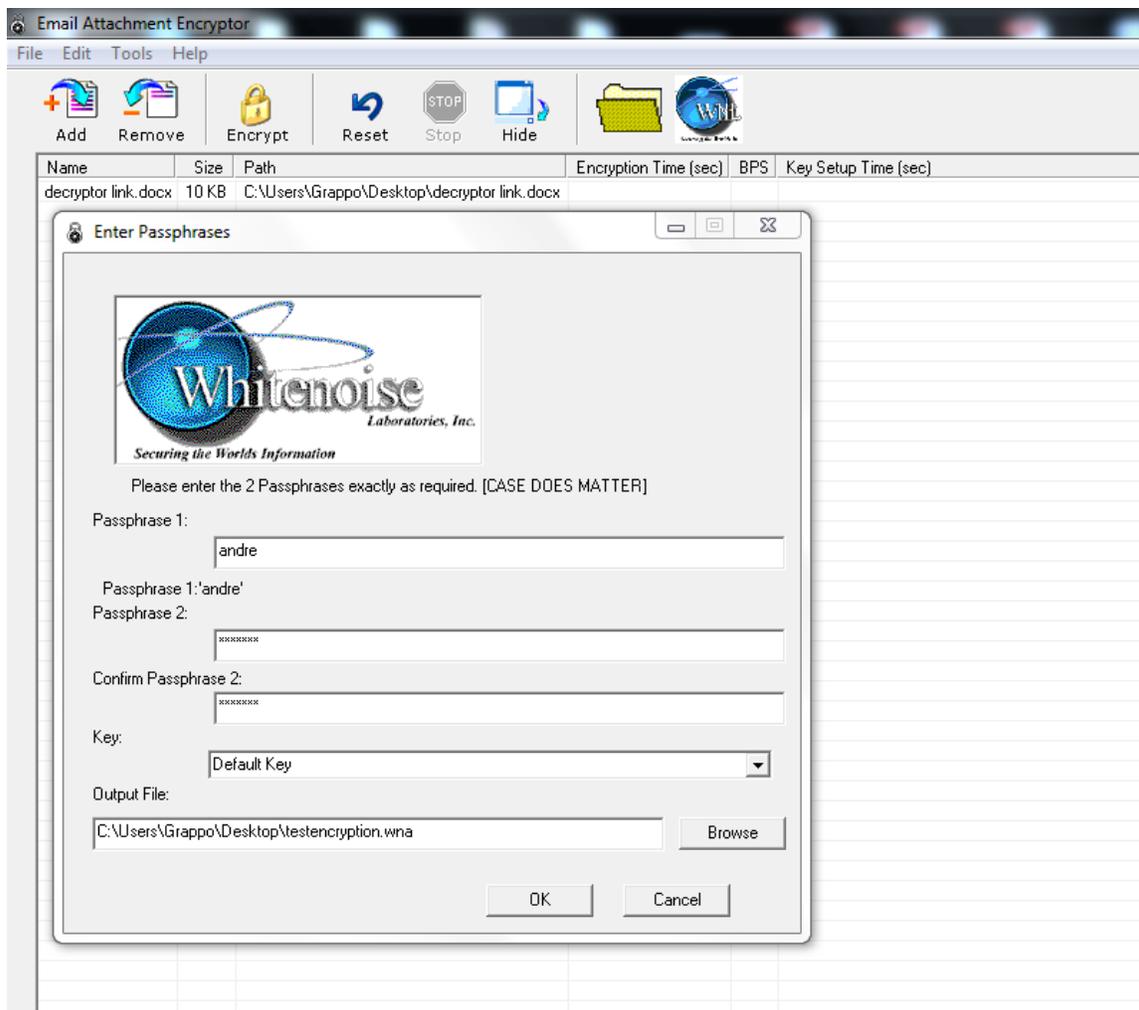
CRITICAL: You must choose and provide an output file name for the file after encryption. Click the browse button and enter an encrypted file output name.

We have given this example the name of "testencryption". Notice the Whitenoise file extension .wna .

Click the Save button.

You can see the output pathway and file name to be created for the encrypted file in the field Output File.

Click OK to encrypt the file.





Whitenoise is data agnostic and encrypts at the top speed any machine or device or chip can achieve. This is because after key load Whitenoise uses the fastest function available on any computing device.

In this example the file encrypted in .0002 seconds at 313 million bits per second on an older Pentium Dual Core. That is still much faster than any other encryption algorithms.

<https://www.cryptopp.com/benchmarks.html>

It is easy to see that Whitenoise is much, much faster than alternatives as well as having the unbreakable characteristic of one-time-pads.

The key setup time was **.005 seconds**.

On a **Sequor server** with lockless programming Whitenoise encrypts at approximately **1.5 gigabits per second** which is faster than the fastest Google fiber download speeds.

<http://www.sequorsystems.com/products/speed>

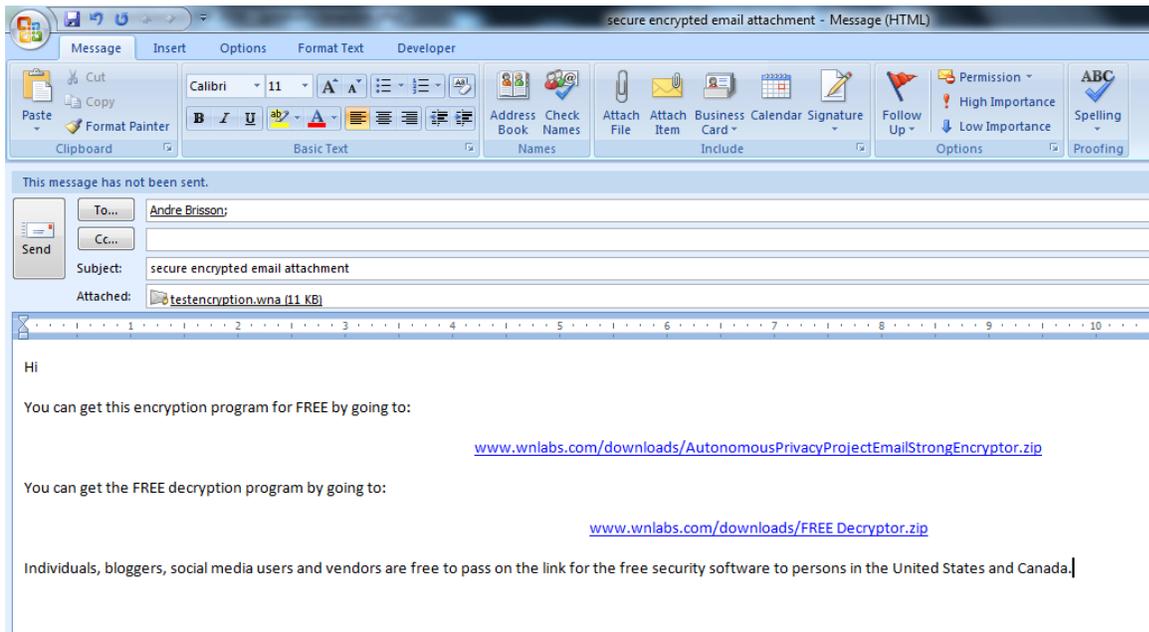
When deployed from microprocessors Whitenoise is even more impressive. It processes **two bytes per clock cycle**. Conversely the fastest RSA algorithm Spritz requires **27 clock cycles to process one byte** and 54 clock cycles to process 2 bytes.

The screenshot shows the 'Email Attachment Encryptor' application window. The interface includes a menu bar (File, Edit, Tools, Help) and a toolbar with icons for Add, Remove, Encrypt, Reset, Stop, Hide, and a folder icon. Below the toolbar is a table with the following data:

Name	Size	Path	Encryption Time (sec)	BPS	Key Setup Time (sec)
decryptor link.docx	10 KB	C:\Users\Grappo\Desktop\decryptor link.docx	0.000284952417	313,371,618	0.005063492706



To send the file, use your email application normally and simply select the encrypted file as an attachment and send.



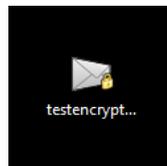
Decrypting the file

The recipient can download the entire application, or just the decryptor, for **FREE** at www.wnlabs.com and do the simple installation.

When the email is received with the encrypted attachment the recipient will save it to their desktop or simply double click on the file to bring up the decryptor application.

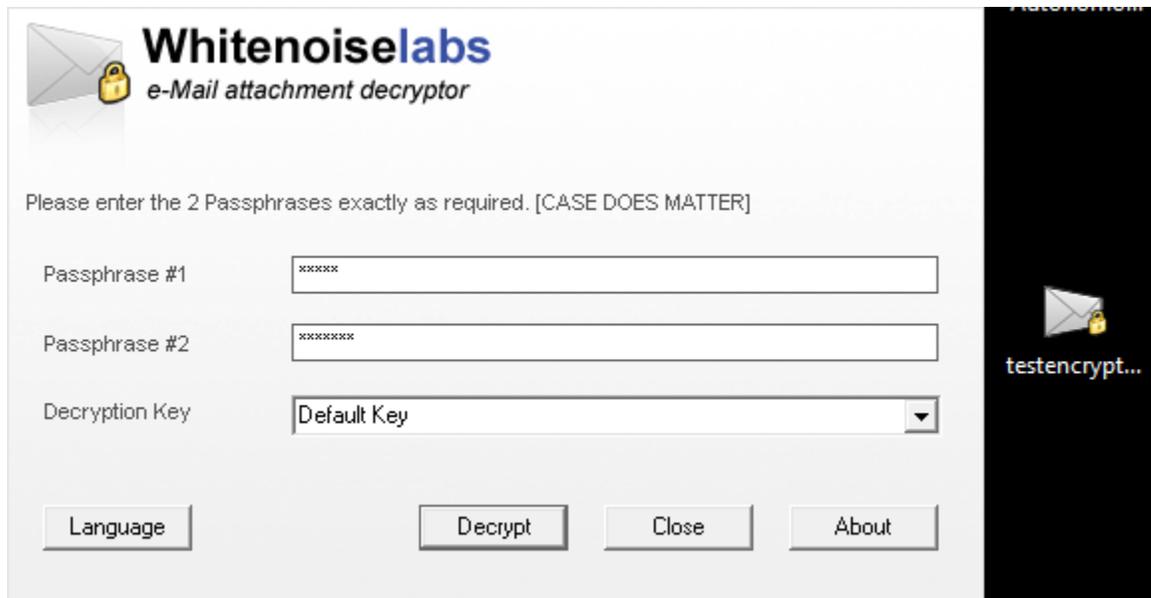
Decrypt from desktop

Go to the desktop and **click on the encrypted file**. Note the icon of an envelope with a lock.



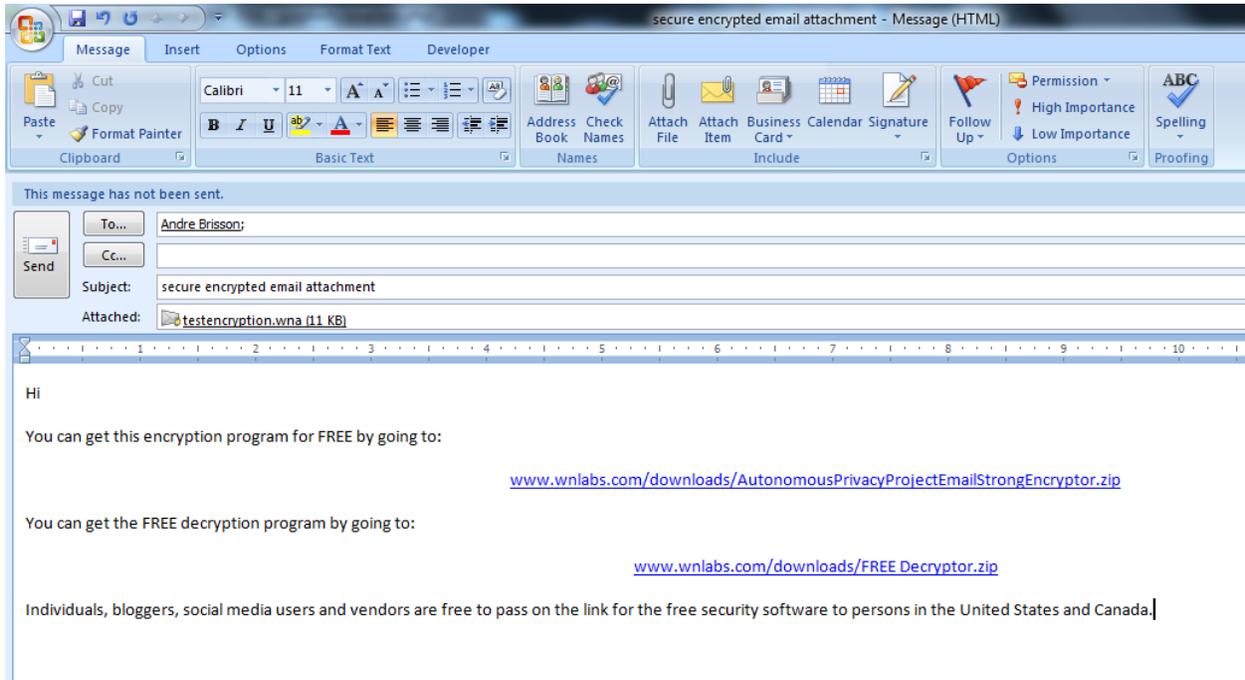
The decryptor dialog box appears.

Enter your pre-agreed pass phrases and **Click Decrypt**.

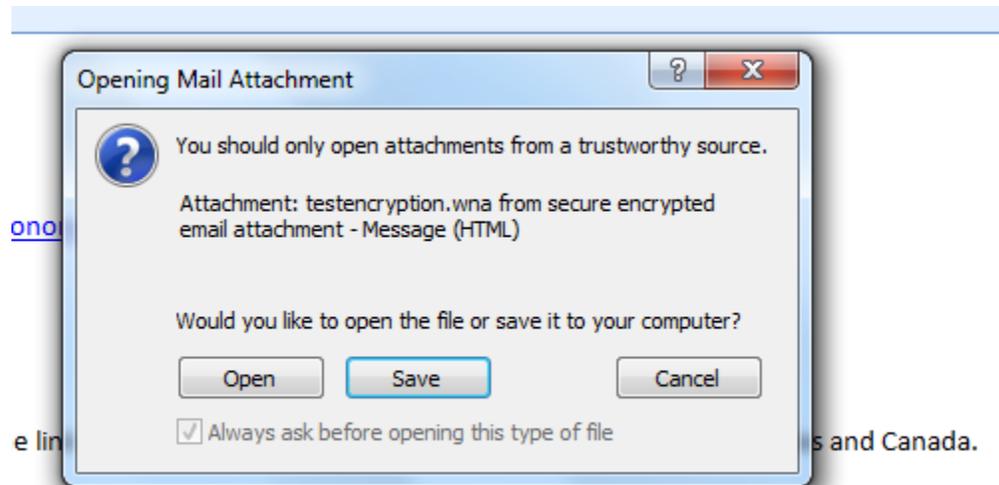


The image shows a dialog box for the "Whitenoiselabs e-Mail attachment decryptor". The title bar includes the logo and the text "Whitenoiselabs e-Mail attachment decryptor". Below the title, there is a message: "Please enter the 2 Passphrases exactly as required. [CASE DOES MATTER]". There are three input fields: "Passphrase #1" with a masked value "xxxxxx", "Passphrase #2" with a masked value "xxxxxxxx", and "Decryption Key" with a dropdown menu showing "Default Key". At the bottom, there are four buttons: "Language", "Decrypt", "Close", and "About". To the right of the dialog box, there is a vertical black bar with the same envelope and lock icon and "testencrypt..." text as seen in the previous image.

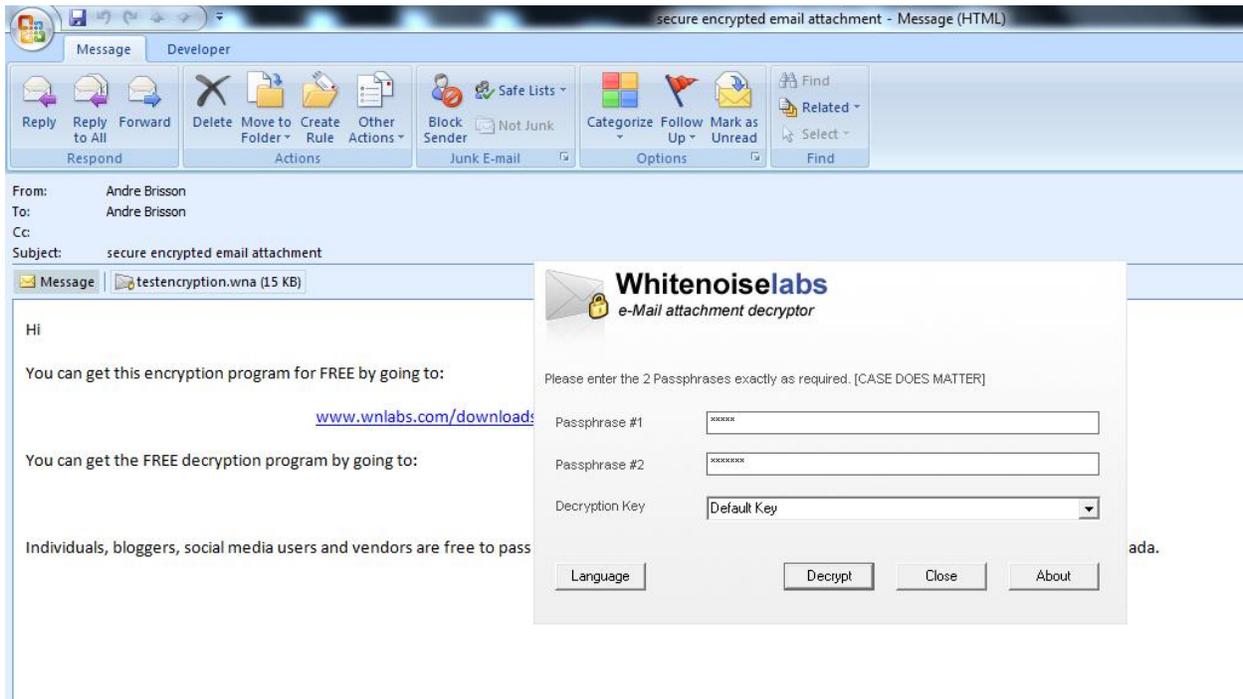
Decrypt and encrypted attachment directly from the email



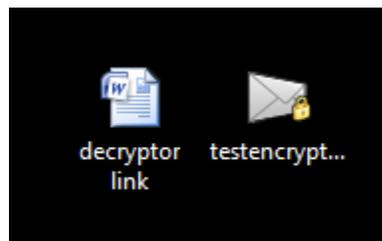
When the attachment is double clicked in the email the following dialog box comes up. Click Open since you know the source.



The decryptor dialog box comes up and the recipient enters the pre-agreed pass phrases and **clicks the Decrypt button** to decrypt the file.



And you can see that the file has decrypted to the original file name. (We encrypted the decryptor link in this example and gave it the name of testencrypt.



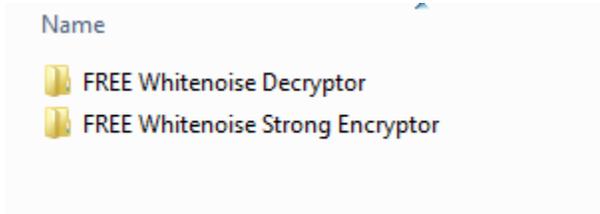
Thank you. For additional questions please write to info@wnlabs.com

For learning materials on how Whitenoise one-time-pad super keys are constructed please visit www.wnlabs.com.



Installing the FREE decryptor

In the same folder of the Autonomous Privacy Project zip file you will see the FREE Whitenoise Decryptor folder. Click on it.



Click on decryptsetup and follow instructions.



After installing the decryptor you can decrypt any file with your pre-arranged pass phrases.

SIMPLY DOUBLE CLICK ON THE ENCRYPTED FILE FOR THE DECRYPTOR APPLICATION TO BE INITIATED.

There are no right click functions on this free ware version of the Whitenoise strong encryption application.

Colleagues can download the decryptor from:

http://www.wnlabs.com/downloads/FREE_Decryptor.zip