

BEGIN:



-		
	(Hide)	Go to hiding panel
L	(mas)	Co to many partor

Select Hide.

STEP 1:





(Cryptography A)	First password (cryptography keys)
(Cryptography B)	Second password (cryptography CSPRNG)
(Scrambling C)	Third password (scrambling CSPRNG)
(Enable B)	Second password enable/disable
(Enable C)	Third password enable/disable

Insert three separate passwords. Each password has to be different (at bit level) and at least 8 characters long. Password type and number can be easily customized disabling the second (B) and/or the third (C) password. Disabled passwords will be set as the first (A) password.

Example: "DataPssw1" (A) "DataPssw2" (B) "DataPssw3" (C)

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(A) 01000100 01100001 01110100 01100001 01010000 01110011 01110011 01110111 00110001 (B) 01000100 01100001 01110100 01100001 01010000 01110011 01110011 01110111 00110010 (C) 01000100 01100001 01110100 01100001 01010000 01110011 01110011 01110111 00110011 (A \cap B) 98%, (A \cap C) 99%, (B \cap C) 99%, Hamming DISTANCE < 25% KO
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Example: "FirstDataPssw1" (A) "SecondDataPssw2" (B) "AnotherDataPssw3" (C)

SUGGESTIONS FOR BETTER RESULTS
WHAT IS DENIABLE STEGANOGRAPHY?

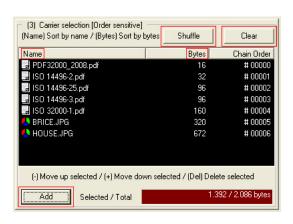
STEP 2:

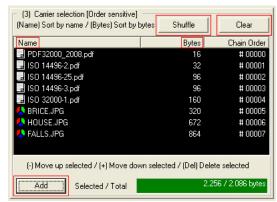




Choose the secret data you want to hide (typically a zip/rar/... archive).

STEP 3:





(Shuffle)	Random shuffle all carriers
(Clear)	Discard all carriers
(Add)	Add new carriers to the list
(Name)/ (Bits)	Sort carriers by name/bits
(+)/(-)	Move selected carriers up/down
(Del)	Delete selected carriers

(II)

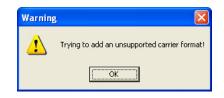
Until selected bytes < total bytes try

adding new carriers

(I)

increasing bit selection level

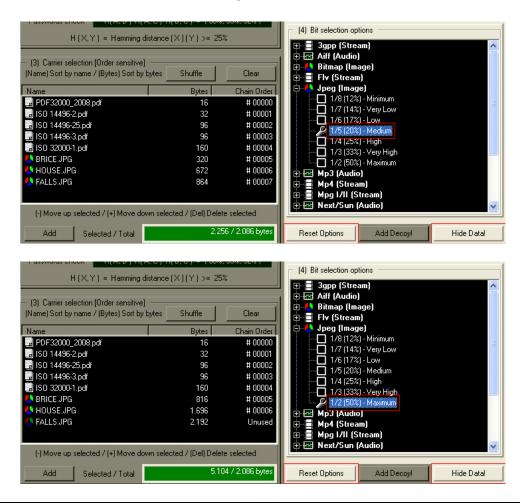




Some carriers will not be added because of steganography-process constraints

- (II) unsupported format
 Supported formats in detail

STEP 4:



(Reset Options)	Reset all bits selection level to normal
(Add Decoy!)	Add a decoy (deniable steganography)
(Hide!)	Start hiding

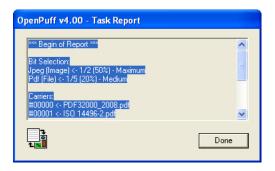
After

- typing twice the same password, at least 8 chars
- selecting a non-empty file to hide
- adding enough carrier bits
- adding a decoy (optional)

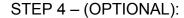
start the hiding task

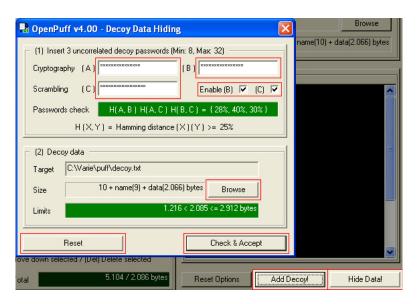
OPTIONS: BITS SELECTION LEVEL

TASK REPORT:



End report summarizes all information needed for a successful unhiding.





(Cryptography A)	First password (cryptography keys)
(Cryptography B)	Second password (cryptography CSPRNG)
(Scrambling C)	Third password (scrambling CSPRNG)
(Enable B)	Second password enable/disable
(Enable C)	Third password enable/disable
(Browse)	Select a file
(Reset)	Reset password and file
(Check & Accept)	Check password correlation and file size

You can also add a decoy password and decoy data

- decoy passwords have to be each other different, and different from data passwords
- decoy password type and number can be customized like data passwords
- decoy data has to be compatible (by size) with sensitive data
 ∑ _{k∈{1,N-1}} used_carrier_bytes(carr_k) < Sizeof(Decoy) ≤ ∑ _{k∈{1,N}} used_carrier_bytes(carr_k)

What is deniable steganography?

BACK