



DATA UNHIDING STEP BY STEP

BEGIN:



(Unhide)	Go to unhiding panel
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Select *Unhide*.

STEP 1:

(1) Insert 3 uncorrelated passwords (Min: 8, Max: 32)

Cryptography (A) (B)

Scrambling (C) Enable (B) ☒ (C) ☒

Passwords check: H(A, B) H(A, C) H(B, C) = { 30%, 33%, 32% }

H(X, Y) = Hamming distance (X)(Y) >= 25%

(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 your passwords (secret to get secret data, decoy to get decoy data), enabling only those used at hiding time.

[SUGGESTIONS FOR BETTER RESULTS](#)
[WHAT IS DENIABLE STEGANOGRAPHY?](#)

STEP 2:

(2) Carrier selection [Order sensitive]

(Name) Sort by name / (Bytes) Sort by bytes Clear

Name	Bytes	Chain Order
PDF32000_2008.pdf	16	# 00000
ISO 14496-2.pdf	32	# 00001
ISO 14496-25.pdf	96	# 00002
ISO 14496-3.pdf	96	# 00003
ISO 32000-1.pdf	160	# 00004
BRICE.JPG	320	# 00005
HOUSE.JPG	672	# 00006

(-) Move up selected / (+) Move down selected / (Del) Delete selected

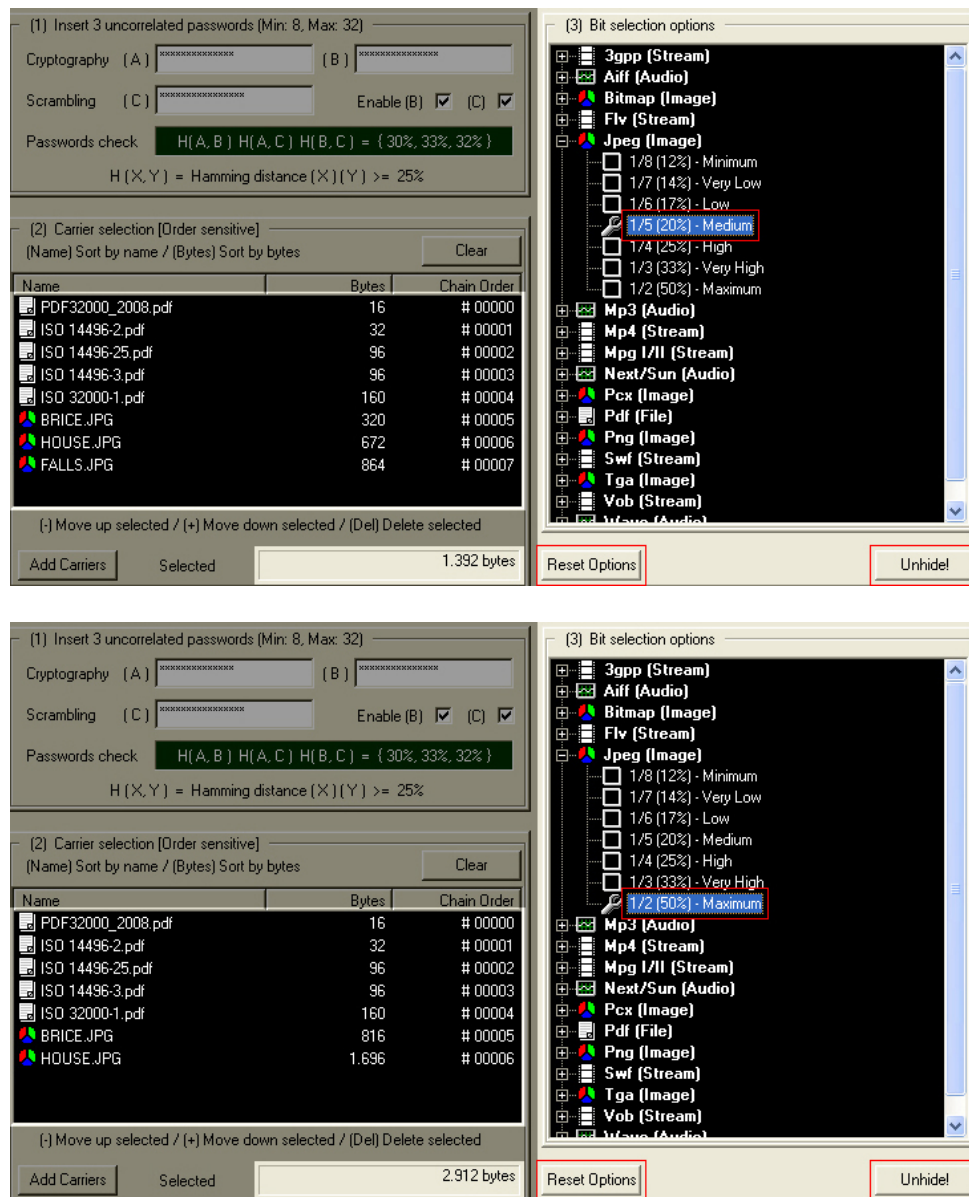
Add Carriers Selected 1.392 bytes

(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

Add all the carriers that have been processed during the hide task.

SUPPORTED FORMATS IN DETAIL

STEP 3:



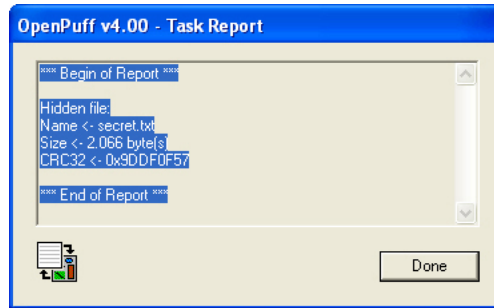
(Reset Options)	Reset all bits selection level
(Unhide!)	Start unhiding

After

- typing twice the same password
 - adding all the carriers, in the right order
 - setting all bits selection levels to the original value
- start the unhiding task

OPTIONS: BITS SELECTION LEVEL

TASK REPORT:



If carriers have been added in the right order, with the original bits selection levels, OpenPuff will be able to reconstruct the original data. For better security, data will be reconstructed only after a successful CRC check.

Even the slightest change in one of the carrier could damage the data and prevent every unhiding try.

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