

HAVELIN



SECURE &
EASY FILE
ENCRYPTION

Manual, additional detailed
information

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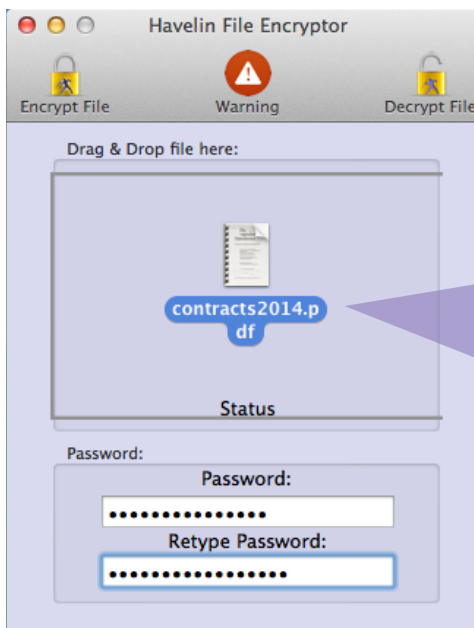


File Encryption

Drag & Drop

Simply drag & drop the file you want to encrypt on the Havelin's window and enter, verify your password afterwards press the „Encrypt file“ button, the file will be

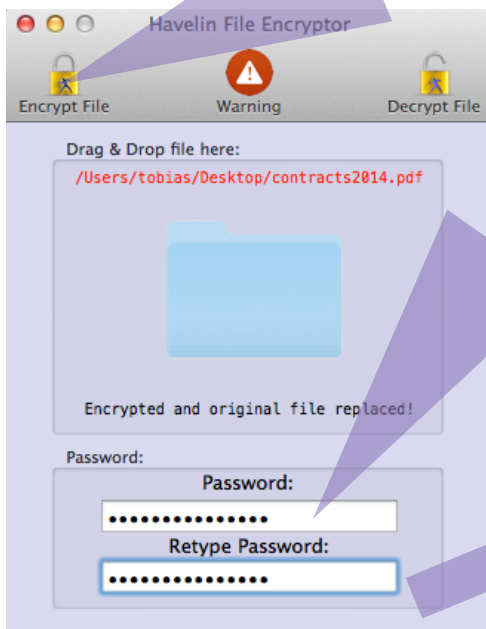
encrypted and the original file will be **replaced !!**



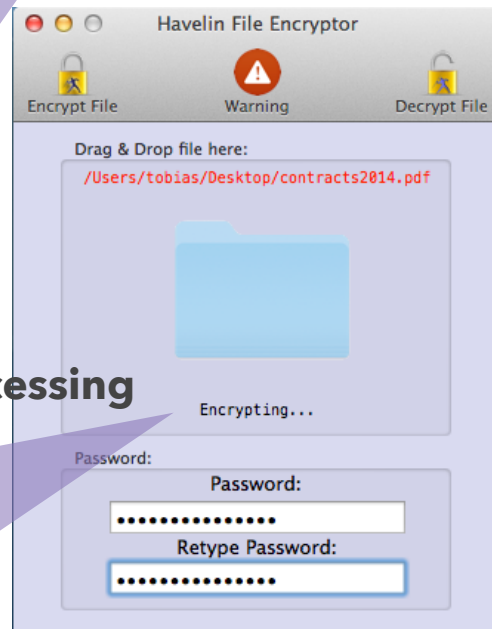
1.) Drag & Drop



3.) Press „Encrypt file“



2.) Enter Password



4.) Processing



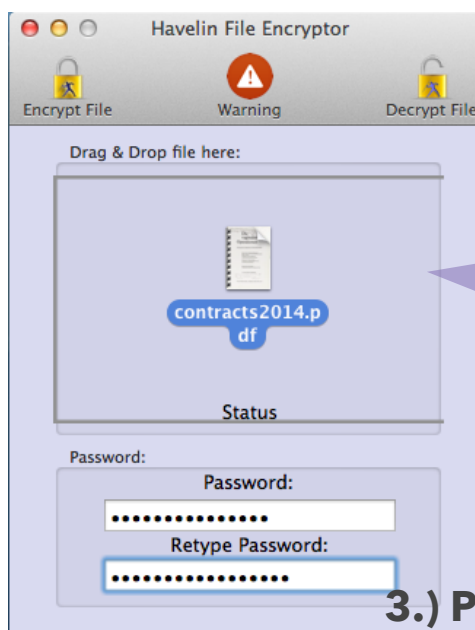
File Decryption

Drag & Drop

Simply drag & drop the file you want to decrypt on the Havelin's window and enter, verify your password and press the „Decrypt file“ button, the file will be decrypted and your

where asked, where to save the decrypted copy of the file ! Of course decrypting only works, if the encrypted file was originally encrypted with the Havelin software ! There is no

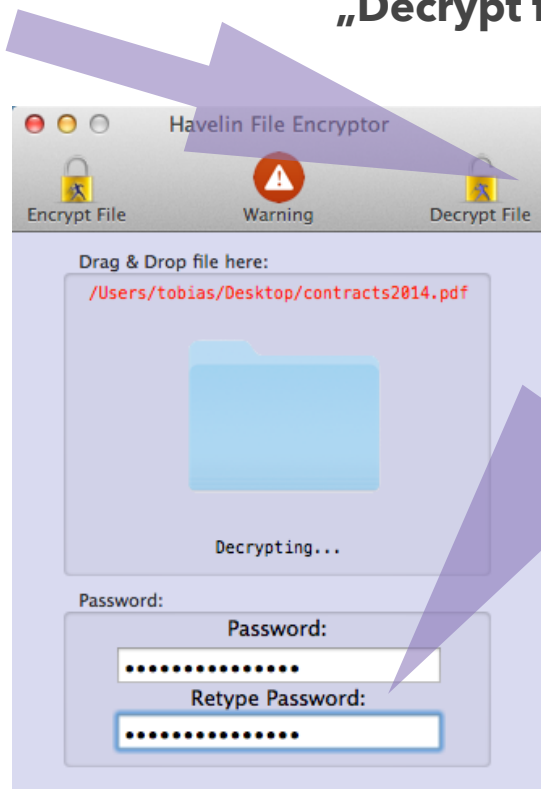
warning message for a wrong password, simply the decrypted file will not work ! We have chosen this option for security reasons, to make it mach harder for potential attacker !



1.) Drag & Drop encrypted file

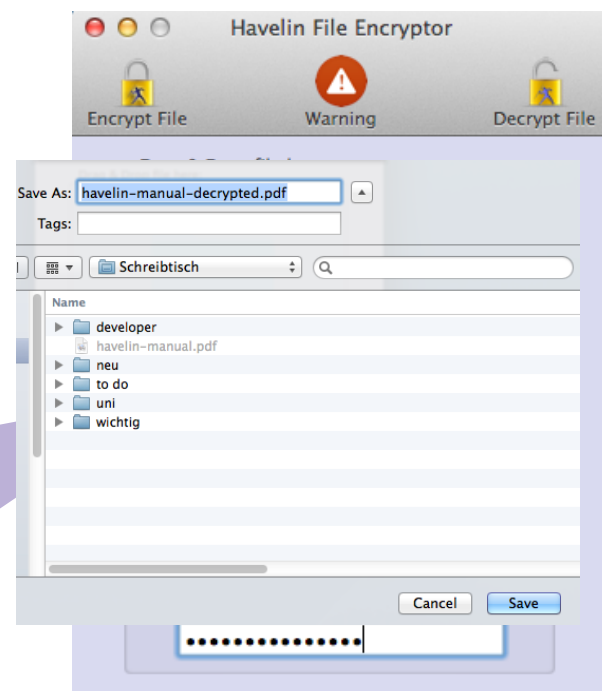


3.) Press „Decrypt file“



2.) Enter

Enter



4.) Processing



Known Limitations

What we know

Havelin is a single file encryption, decryption software, meaning that it was NOT developed for bulk processing ! Havelin does not like special characters in a filename like umlauts (ü,ö,ä) or #(!)"\$/%\$ e.g. Files with these characters will not processed this time !

Rename the file to standard characters utf-8 to encrypt it. Havelin do process file archives like (zip, rar, dmg,e.g.) . Opening an archive, which has been already encrypted with havelin, will show an error, while opening until it its decrypted again !

When a file was encrypted with Havelin the associated software (pdf, word, e.g) will not be able to open it any more and inform you that the file is corrupted ! That's normal ! The decrypted file will look like the original not encrypted version, but actually will not work, nor open or operate, until it is decrypted with the correct password using the Havelin software !



Security

AES 256

Havelin uses an extrem strong algorithm to encrypt your files, to grant no

access and no data leaks !



Support

Contact us

Having problems ? Don't hesitate to contact us for individual support ! Our support response time set standards and is very

quick, we are looking forward to help you as soon as possible ! Our goal are **very** satisfied customers, this and many other facts situated us as

one of the world leading Mac and iOS software engineering companies:

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Havelin -Performance, Benchmark

Havelin performance

Hardware:	imac i3					
Storage device:		SSD	SSD	HD	HD	
Filetyp:	PDF	PDF MB	PDF MB	PDF MB	PDF MB	PDF MB
Time:	Encryption time (sec):	3,65	5,33	6,78	9,36	
	Decryption time (sec):	3,91	4,96	6,33	8,76	
Average Time:	Encryption time (sec/MB):	0,011819948	0,013095823	0,021955959	0,022997543	
	Encryption time (sec/GB):	11,81994819	13,0958231	21,95595855	22,997543	
	Decryption time (sec/MB):	0,012661917	0,012186732	0,020498705	0,021523342	
	Encryption time (sec/GB):	12,6619171	12,18673219	20,49870466	21,52334152	

Warnings, exclusion of warranty, liability and guarantee !!

!Exclusion of liability ! Exclusion of warranty and guarantee !

That powerful validation, and our reputation for safety, durability, reliability, and ease of use, has also driven our consumer dedication further than ever anticipated. Moving forward, our commitment to "Perfection" remains steadfast: we will never compromise quality. We will continue to invest tremendous resources in the technology and talent necessary to improve our products wherever possible; and we will always strive to deliver maximum customer satisfaction!

Changes as well as spelling and typing errors may appear, the author of this document is not responsible for these errors.

The manual is a "living document", which is constantly expanded and improved! Exclusion of damages claims, warranty - !Exclusion of liability ! Exclusion of warranty and guarantee !

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 version 1.60

Requirements:
 > Mac OS X 10.10

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