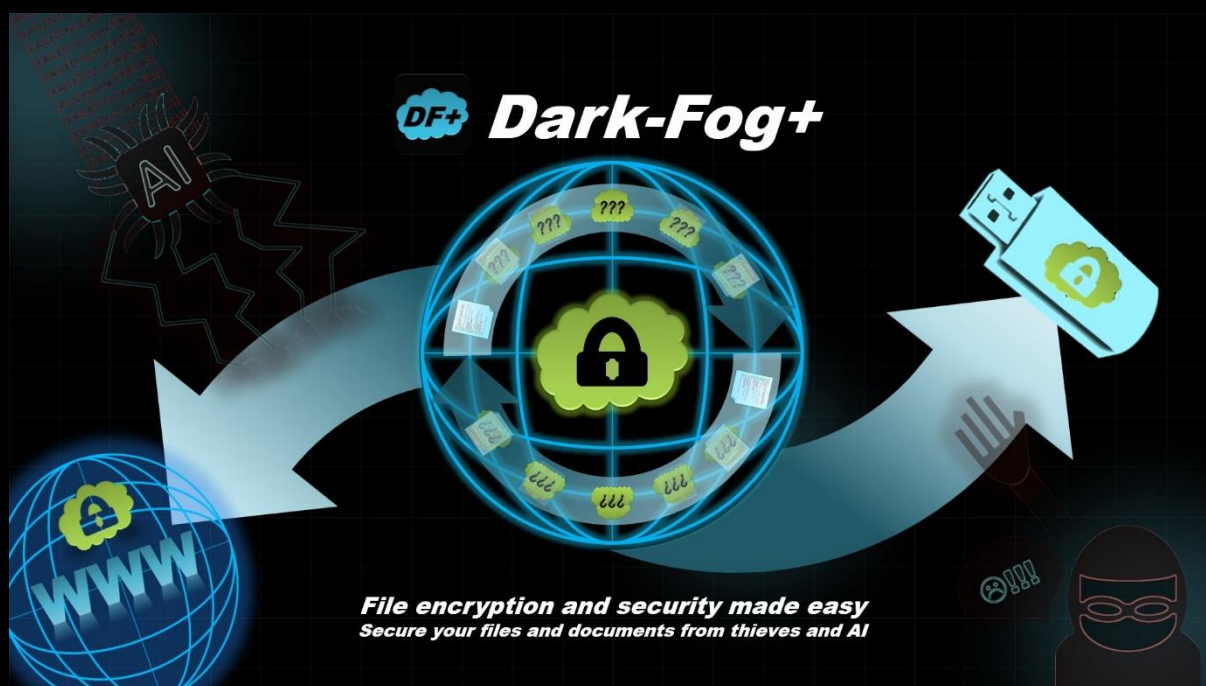




Dark-Fog - File encryption and Security made easy.

Dark-Fog(+) Client Manual

Dark-Fog is a file encryption software, with the purpose of securing important files, for save sharing online in cloud storages or on local storages. It offers support for Android and Windows devices / systems.

Development & Copyright

IT-Huskys Dev-Group - 2013-2026

<https://www.dark-fog.net/>

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1.0 What is Dark-Fog?

Dark-Fog is a file encryption software, with the purpose of securing important files, for save sharing online in cloud storages or on local storages.

1.1 Why file encryption?

In times where we need to have all the information at any time with us, intensive use of online storage or transportation of important data on portable storage devices is unpreventable, which all together at any time can be taken from foreign or even attacking people and would cause critical damage in privacy and finances. This can only be prevented by file encryption.

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2.0 The features of Dark-Fog

The Dark-Fog Client versions offer different features depending on its versions and use purpose.

2.1 Dark-Fog Versions and Features:

 Dark-Fog	 DF	 DF	 DF+	 DF+	 DS
Feature	Dark-Fog Windows Client	Dark-Fog Android Client	Dark-Fog+ Windows Client	Dark-Fog+ Android Client	Dark-Sky
unlimited file size processing	✓	✓	✓	✓	✓
Dark-Fog Level 1 encryption	✓	✓	✓	✓	✓
Dark-Fog Level 1 decryption	✓	✓	✓	✓	✓
Dark-Fog Level 2 encryption	✓	✓	✓	✓	✓
Dark-Fog Level 2 decryption	✓	✓	✓	✓	✓
Dark-Fog Level 3 encryption	✓	✓	✓	✓	✓
Dark-Fog Level 3 decryption	✓	✓	✓	✓	✓
Dark-Fog Level 4 encryption			✓	✓	✓
Dark-Fog Level 4 decryption	✓	✓	✓	✓	✓
Dark-Fog Level 5 encryption			✓	✓	✓
Dark-Fog Level 5 decryption	✓	✓	✓	✓	✓
Dark-Fog Level 6 encryption			✓	✓	✓
Dark-Fog Level 6 decryption	✓	✓	✓	✓	✓





Dark-Fog Extended Message encryption			✓	✓	
Dark-Fog Extended Message decryption	✓	✓	✓	✓	
Single-File processing	✓	✓	✓	✓	✓
Multi-File processing	✓		✓	✓	✓
Crypt-Process Pausing / Resuming			✓	✓	✓
Multi-Threading processing			✓	✓	✓
Full Directory / Folder content processing			✓	✓	✓
Automatic / Live Directory / Folder content processing					✓
File based Password Database / Management					✓
MYSQL based Password Database / Management					✓
System resource configuration					✓
E-Mail support			✓	✓	✓
Commercial License / Usage / Support			✓	✓	✓
Price	FREE	FREE	4,99€	4,99€	49,99€
Availability	Direct Download	Google Playstore	Via E-Mail	Google Playstore	Via E-Mail





2.2 The features of Dark-Fog in detail

2.2.1 Unlimited file size processing

This feature allows to process any file size that your operating FAT(File Cluster Formation)-System allows. There is no memory or size limitation to processing.

File system	Maximum size
APFS	8 Exabyte
exFAT	16 Exabyte
FAT12	16 Megabyte
FAT16B	2 Gigabyte
FAT32	4 Gigabyte
HFS	2 Gigabyte
HFS+	8 Exabyte
HPFS	2 Gigabyte
NTFS	16 Exabyte
Btrfs	16 Exabyte

2.2.2 Dark-Fog Level 1 encryption/decryption

This feature allows to use the level 1 Dark-Fog Syntax for encrypting and decrypting files. The 1st is an encryption based on the password alone. Depending on the given password (up to 32 signs), the encryption will be different. It does not include any hash or checksum for the password used for the encrypted file. Makes it impossible to brute-force or to decipher the used encrypt-password.

2.2.3 Dark-Fog Level 2 encryption/decryption

This feature allows to use the level 2 Dark-Fog Syntax for encrypting and decrypting files. The 2nd option is based on a password (up to 32 signs) and a key-file that is required to calculate the decryption. It does not include any hash or checksum for the password used for the encrypted file. Makes it impossible to even get an output.

2.2.4 Dark-Fog Level 3 encryption/decryption

This feature allows to use the level 3 Dark-Fog Syntax for encrypting and decrypting files. The 3rd is an encryption based on the password and file size. Depending on the given password (up to 1024 signs), the encryption will be different with a 2nd layer encryption based on the file size. It does not include any hash or checksum for the password used for the encrypted file. Makes it impossible to brute-force or to decipher the used encrypt-password.

2.2.5 Dark-Fog Level 4 encryption/decryption

This feature allows to use the level 4 Dark-Fog Syntax for encrypting and decrypting files. The 4th option is based on a password (up to 1024 signs), file size and a key-file that is required to calculate the decryption. It does not include any hash or checksum for the password used for the encrypted file. Makes it impossible to even get an output.



2.2.6 Dark-Fog Level 5 encryption/decryption

This feature allows to use the level 5 Dark-Fog Syntax for encrypting and decrypting files. The 5th option is including the encryption layers of V1 and V3 with its expanded 1024 sign password-encryption syntax and file size based sub-encryption, next to its binary-data bloatup, resulting in a 3-layer encryption security. It does not include any hash or checksum for the password used for the encrypted file. Makes it impossible to even get an output.

2.2.7 Dark-Fog Level 6 encryption/decryption

This feature allows to use the level 4 Dark-Fog Syntax for encrypting and decrypting files. The 6th option including the encryption layers of V1 and V3 with its expanded 1024 sign password-encryption syntax and file size based sub-encryption, next of its binary-data bloatup and a key-file that is required to calculate the decryption, resulting in a 3-layer encryption security. It does not include any hash or checksum for the password used for the encrypted file. Makes it impossible to even get an output.

2.2.8 Dark-Fog extended message encryption/decryption

This feature allows to use message-expansion Syntax for encrypting and decrypting messages/files. The “DFMex” is an encryption based on the password and message size. Depending on the given password (up to 1024 signs), the message will be split up and filled with random generated letter-signs, making it impossible to read out the text even without a bit-encryption. After the message-expansion, a 2nd layer encryption with DFV3 based on the file size, will be applied. It does not include any hash or checksum for the password used for the encrypted file. Makes it impossible to brute-force or to decipher the used encrypt-password.

2.2.9 Single-File processing

This feature allows you to process one file at a time. Assuring minimal system resource usage and functional processing even for low-end system speck devices and systems.

2.2.10 Multi-File processing

This feature allows you to process one file at a time, with multiple files queued up for processing, with the same setting applied. Assuring minimal system resource usage and functional processing even for low-end system speck devices and systems. Multiple files can be listed/selected for processing without the need to apply the same settings manually for each file separately.

2.2.11 Crypt-Process Pausing/Resuming

This feature allows you to pause the encryption- and decryption process at any time. In case a file or many files take longer to be processed, and you need the system calculation power elsewhere, you can simply pause the process and resume it later whenever you want.

2.2.12 Multi-Threading processing

This feature allows you to process all queued files at the same time. Making use of the of the full system resources and processing power, to encrypt any decrypt all selected file(s) at the same time. This feature increases processing speed and productivity massively compared to “Single-File processing”. Depending on the amount and size of the processing files, this feature can be very system-resource intensive.





2.2.13 Full Directory/Folder content processing

This feature allows you to process all files in a specific directory/folder. Simply select the directory/folder you want all files to be processed by the given configuration/settings. The folder/directory will be scanned for all files it contains and queued up for processing.

2.2.14 Automatic/Live Directory/Folder content processing

This feature allows you to automatically process new files that get created/placed/uploaded to a configured folder/directory, based on the applied security settings. The processing of the file(s) will apply under the “Multi-Threading processing” feature.

2.2.15 File based Password Database/Management

This feature allows you to have all auto-encrypted files managed by a local file-database. This enables you to have all passwords random generated, based on a high security syntax, and stored in a local file database for encryption and decryption.

2.2.16 MYSQL based Password Database/Management

This feature allows you to have all auto-encrypted files managed by MYSQL-database. This enables you to have all passwords random generated, based on a high security syntax, and stored in a MYSQL database for encryption and decryption.

2.2.17 System Resource configuration

This feature allows you to have full control about the amount of System-Resources, Dark-Sky is allowed to use to process the files and run all its features. Assuring that the running system can not be slowed down by it.

2.2.18 E-Mail support

This feature allows you get in contact with the developers of the Dark-Fog File Encryption solutions, for support and maintenance.

2.2.19 Commercial License/Usage/Support

This feature allows/certificates you to legally run all Dark-Fog solutions in a commercial business environment, with legal usage for customer and inhouse security.





3.0 System requirements

Minimum System Requirements		
System	Windows	Android
OS Version	Windows 7 SP1	9
CPU	AMD Phenom II X4 940, Intel Core 2 Quad Q8400 or better	Qualcomm APQ8064T Snapdragon S4 Pro, Quad-core 1.7 GHz Krait 300 or better
RAM	2 GB	2 GB
Storage	100 MB + processing file size	100 MB + processing file size
Required	.Net 4.8	Global File Write Permission

Recommended System Requirements		
System	Windows	Android
OS Version	Windows 10+	12+
CPU	AMD Ryzen 7 5800X, Intel Core i7-13700K or better	Qualcomm Snapdragon 855, MediaTek Dimensity 1000+ or better
RAM	16 GB+	6 GB+
Storage	100 MB + processing file size	100 MB + processing file size
Required	.Net 4.8	Global File Write Permission

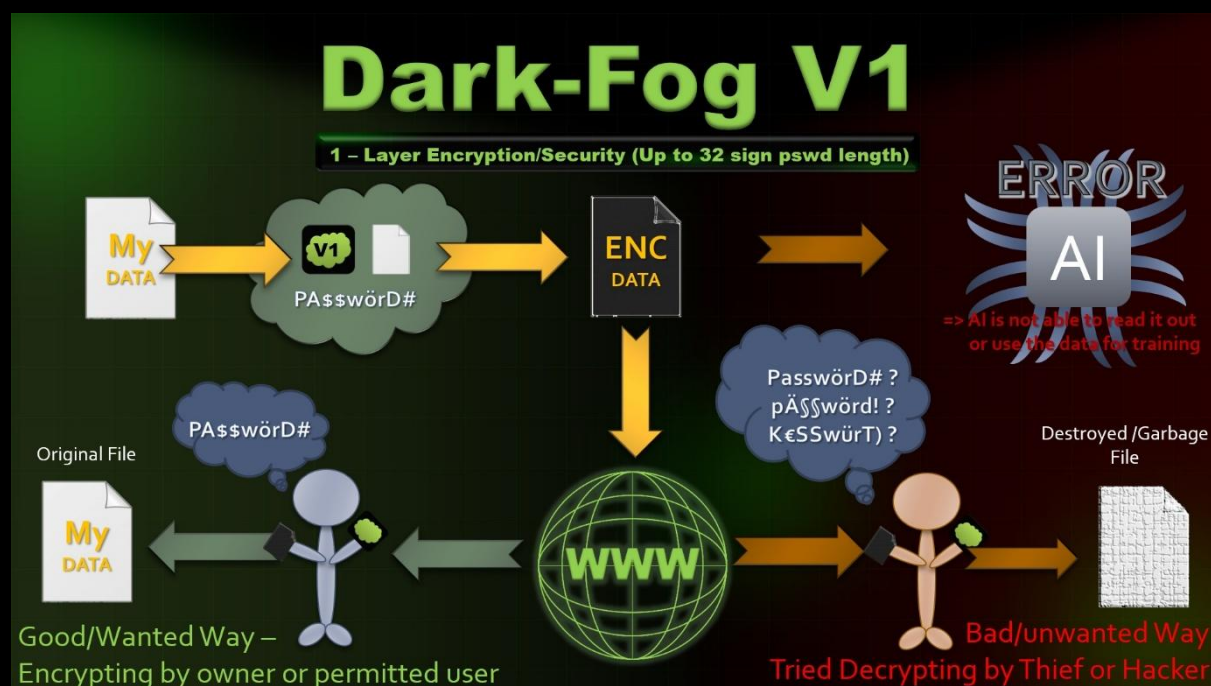
Please be aware that the needed system-resources are highly depending on the size of the files that are selected for processing. Larger files may require a way higher amount of RAM and System-Storage.



4.0 Encryption-Options

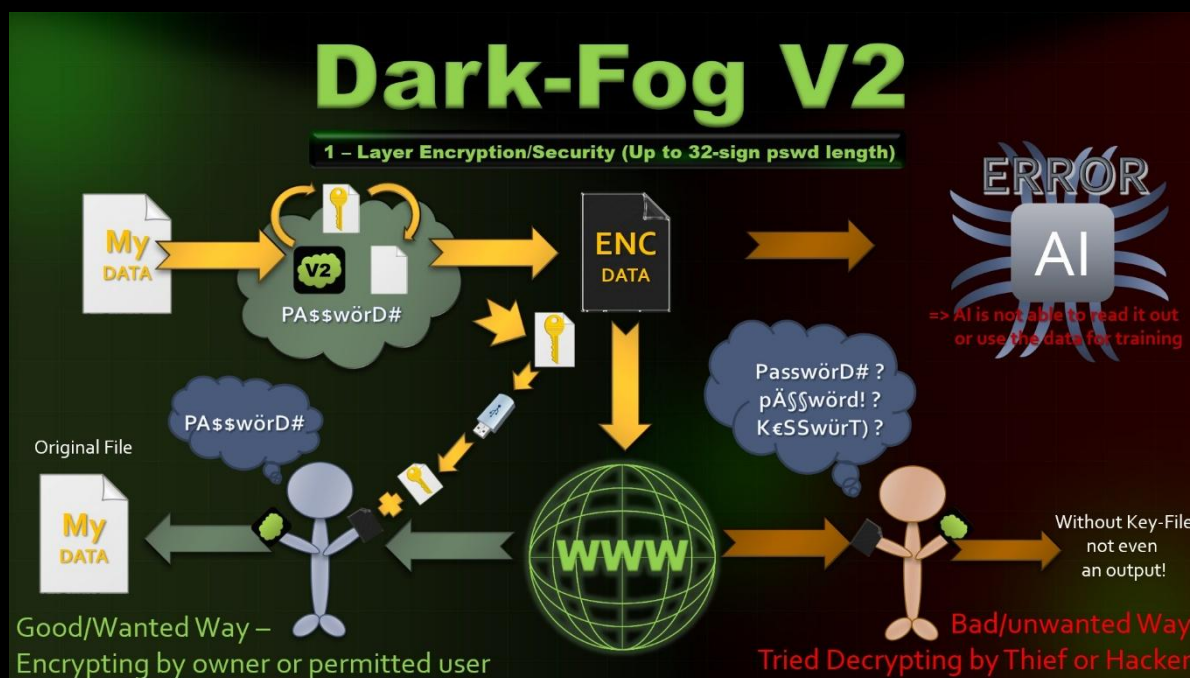
Dark-Fog is a file encryption software, with the purpose of securing important files, for save sharing online in cloud storages or on local storages. It offers 6 encryption options with a high security syntax behind it. The 1st, 3rd and 5th are an encryptions based on the password alone (lvl 3 also on the file size, lvl 5 also with size-bloat). Depending on the given password, the encryption will be different. The 2nd, 4th and 6th options are based on a password and a key-file that is required to calculate the decryption (lvl 4 also on the file size, lvl 6 also with size-bloat). All options (levels) do not include any hash or checksum for the password used for the encrypted file. Makes it impossible to brute-force or to decipher the used encrypt-password.

4.1 Dark-Fog Encryption – Level 1



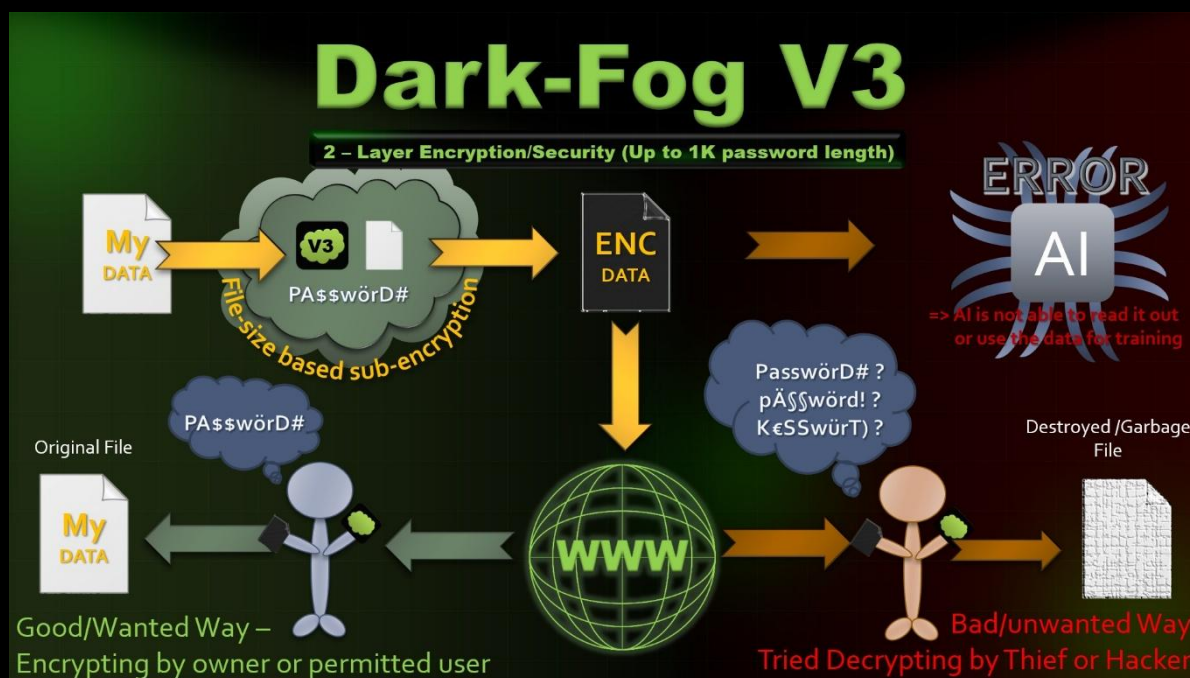
Dark-Fog with Encryption-option 1 (will be called V1), is very easy to use. The user just takes the file who he wants to encrypt and chooses a password (**up to 32 signs**) which will be used for the encryption. The file(s) will now be securely encrypted with the given password and the syntax it creates. The encrypted file can now be sent online or saved without the risk to be stolen and used. To decrypt a file, you need to enter **EXACTLY** the password that was given in the process of encryption, or it will be using the wrong syntax generated by the password and only a garbage file will be created. Because Dark-Fog doesn't use a checksum, it is not possible to say if a password is correct, so there is no way to brute force the right password. To try every possible password will come with a huge effort, because the attacker would need to check every file and needs a lot of system power to do so.

4.2 Dark-Fog Encryption – level 2



Dark-Fog with Encryption-option 2 (will be called V2), needs a little more effort from the user as V1 but is even more secure. The basics are the same as V1 (**up to 32 signs for the password**), but with a huge difference! In this case the Crypt-Syntax creates a random generated Key-File for every file that will be encrypted. The basic idea is that the encrypted file can be stored as usual online or on a local hard drive, but you also need an authentication-syntax file for the decryption as well as the password. You can now store the sensitive data online with an even more secure level, and simply keep the key-file for it locally saved. If someone now online accesses the data and even knows the password, the attacker has no way to decrypt it since he does not have the necessary values without the key file(s).

4.3 Dark-Fog Encryption – level 3



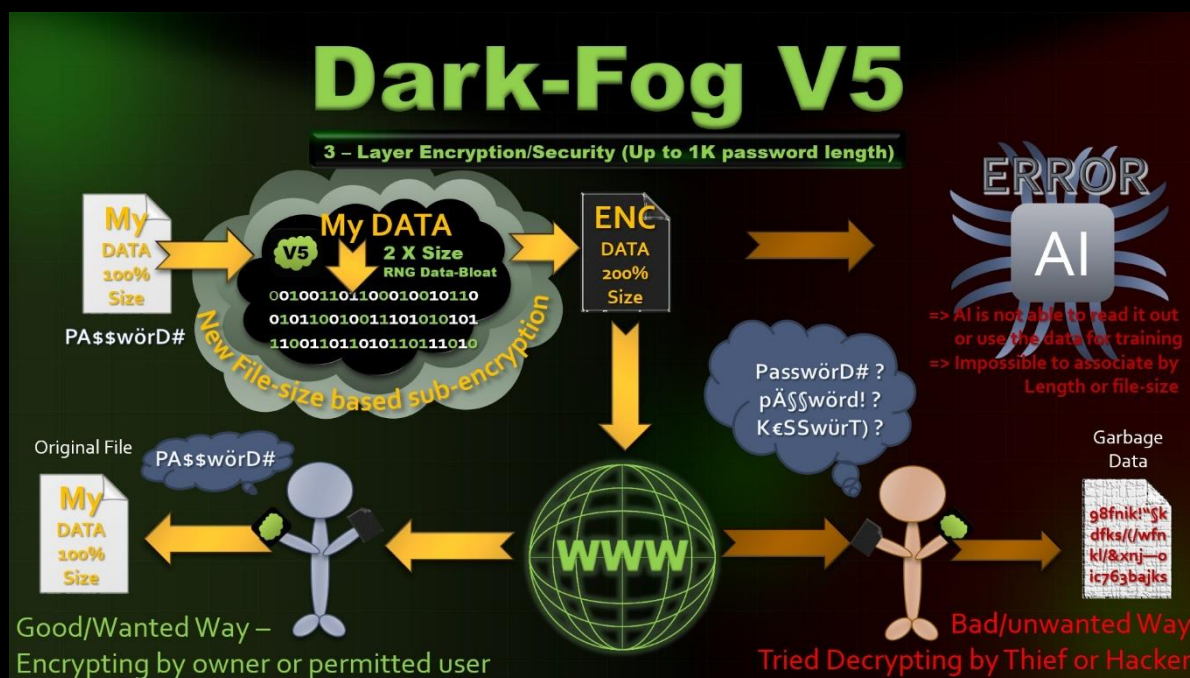
Dark-Fog with Encryption-option 3 (will be called V3), is also very easy to use but even stronger than its V1 option thanks to its expanded password-encryption syntax and file size based sub-encryption. The user just takes the file who he wants to encrypt and chooses a password (**up to 1024 signs**) which will be used for the encryption. The file(s) will now be securely encrypted with the given password and the syntax it creates, with a 2nd layer encryption based on its file size. The encrypted file can now be sent online or saved without the risk to be stolen and used. To decrypt a file, you need to enter **EXACTLY** the password that was given in the process of encryption, or it will be using the wrong syntax generated by the password and only a garbage file will be created. Because Dark-Fog doesn't use a checksum, it is not possible to say if a password is correct, so there is no way to brute force the right password. To try every possible password will come with a huge effort, because the attacker would need to check every file and needs a lot of system power to do so.

4.4 Dark-Fog Encryption – level 4



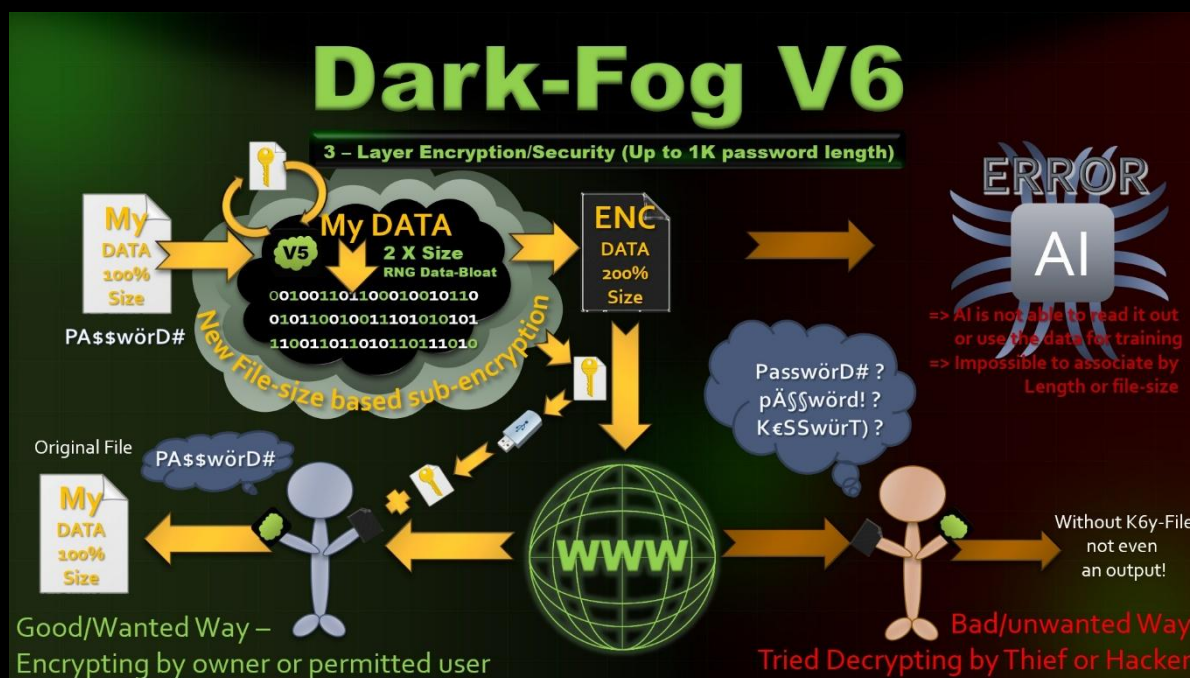
Dark-Fog with Encryption-option 4 (will be called V4), needs a little more effort from the user then V1 or V3, but is even more secure. The basics are the same as V3 (up to 1024 signs for the password) and a file size based sub-encryption, but with a huge difference! In this case the Crypt-Syntax creates a random generated K4y-File for every file that will be encrypted. The basic idea is that the encrypted file can be stored as usual online or on a local hard drive, but you also need an authentication-syntax file for the decryption as well as the password. You can now store the sensitive data online with an even more secure level, and simply keep the key-file for it locally saved. If someone now online accesses the data and even knows the password, the attacker has no way to decrypt it since he does not have the necessary values without the key file(s).

4.5 Dark-Fog Encryption – level 5



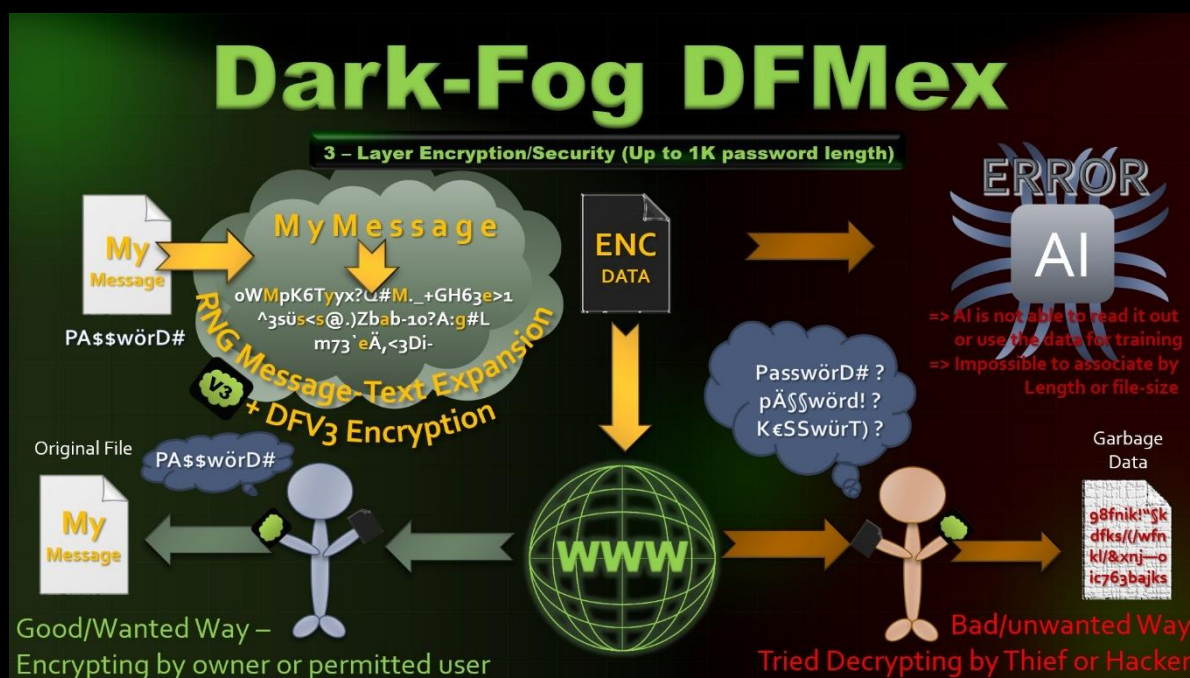
Dark-Fog with Encryption-option 5 (will be called V5-DF5), is also very easy to use but one of the strongest encryption-options, including the encryption layers of V1 and V3 with its expanded 1024 sign password-encryption syntax and file size based sub-encryption, next of its binary-data bloatup, resulting in a 3-layer encryption security. The user just takes the file who he wants to encrypt and chooses a password (up to 1024 signs) which will be used for the encryption. The file(s) will now be securely encrypted with the given password and the syntax it creates, with a 2nd layer encryption based on its file size, based on the 3rd layer of encryption thanks to the doubled file-size filled with RNG data mixed with the real data. The encrypted file can now be sent online or saved without the risk to be stolen and used, or scanned/copied by any form of AI, for its training or data-analytics. To decrypt a file, you need to enter EXACTLY the password that was given in the process of encryption, or it will be using the wrong syntax generated by the password and only a garbage file will be created. Because Dark-Fog doesn't use a checksum, it is not possible to say if a password is correct, so there is no way to brute force the right password. To try every possible password will come with a huge effort, because the attacker would need to check every file-output and needs a lot of system power to do so. Even massive AI-Datacenters would break under the lead until the real OG-file could be recreated again.

4.6 Dark-Fog Encryption – level 6



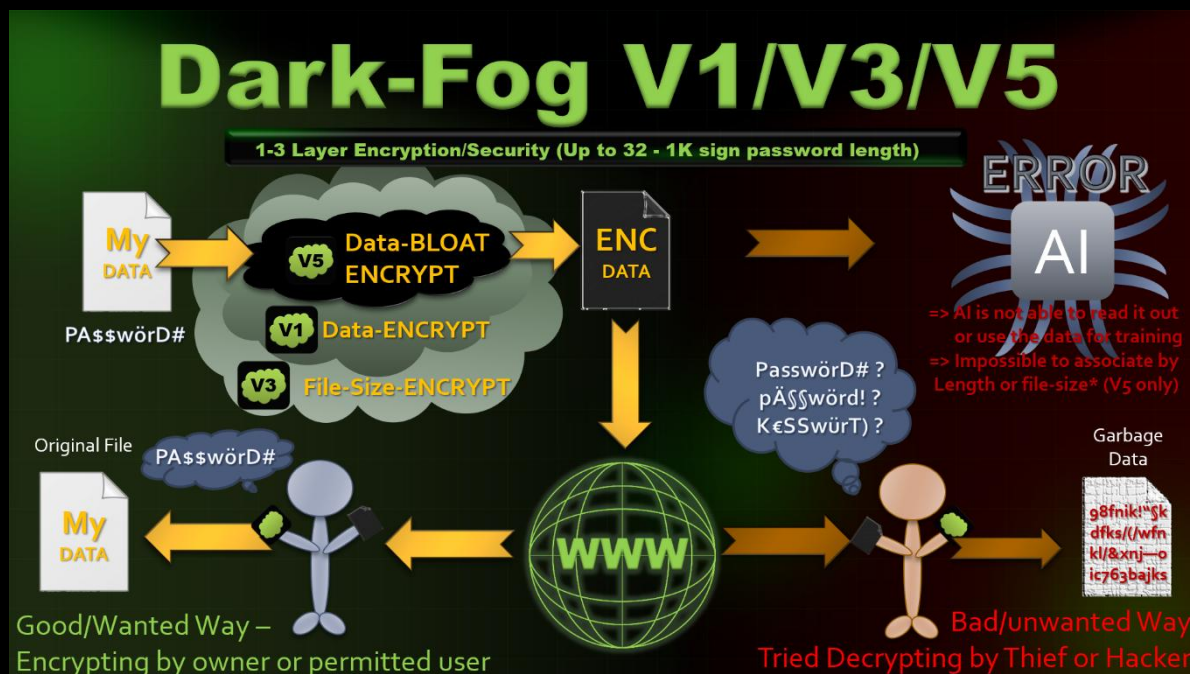
Dark-Fog with Encryption-option 6 (will be called V6-DF6), needs a little more effort from the user than V1, V3 or V5 but is the most secure and strongest encryption/security-option. The basics are the same as V5 (including the encryption layers of V1 and V3 with its expanded 1024 sign password-encryption syntax and file size based sub-encryption, next of its binary-data bloatup, resulting in a 3-layer encryption security), but with a huge difference just like with V2 and V6! In this case the Crypt-Syntax creates a random generated K6y-File for every file that will be encrypted. The basic idea is that the encrypted file can be stored as usual online or on a local hard drive, but you also need an authentication-syntax file for the decryption as well as the password. You can now store the sensitive data online with an even more secure level, and simply keep the key-file for it locally saved. If someone now online accesses the data and even knows the password, the attacker has no way to decrypt it since he does not have the necessary values without the key file(s).

4.7 Dark-Fog Message Encryption – DFMex



Dark-Fog with Message Encryption-option Dark-Fog Message Expansion Encryption (will be called DFMex), expands the given message and makes it unable to read even without a Bit-Encryption. The basics are the same as V3 (up to 1024 signs for the password) and a message length based sub-encryption, but with random generated letters and signs between the actual message data/letters. Expanding the message content and making it impossible to read it out or categories it in any PoV. The basic idea is that the encrypted message can be stored or send as usual online or on a local hard drive/network, without the risk of being read out by firewalls, filters or AI. You can now store or send the sensitive message/data online with an even more secure level. If someone now online accesses the data and even tries to figure out the content by test-length, it will fail because the file in content and size does not represent the original content.

4.8 Usage and logic of Dark-Fog File Encryption



Dark-Fog is a file encryption software, with the purpose of securing important files, for save sharing online in cloud storages or on local storages, next to protecting them from any form of use by AI.

Dark-Fog with Encryption-option 1, 3 and 5 (will be called V1, V3 and V5), is very easy to use but one of the strongest encryption-options, depending on the encryption level/option it can up to 3 layers of encryption.

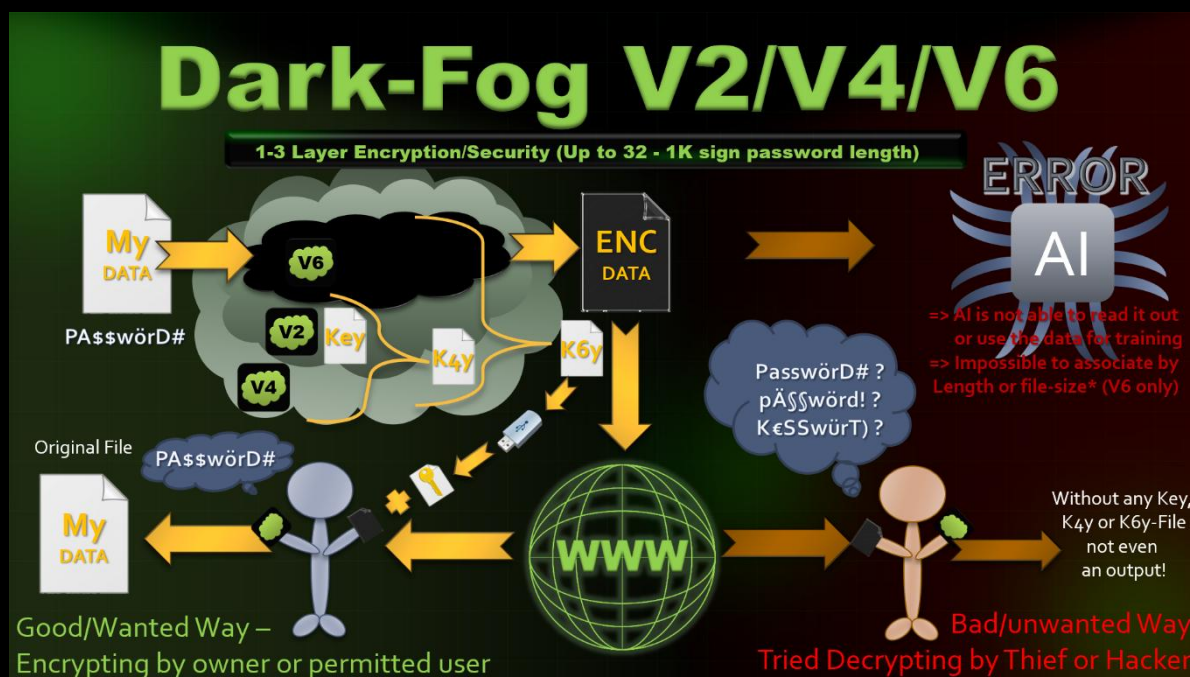
V1 encrypts the data/file with a 32 sign password-encryption syntax, resulting in a 1-layer encryption security.

V3 includes the encryption layer of V1 with its expanded 1024 sign password-encryption syntax and file size based sub-encryption, resulting in a 2-layer encryption security.

V5 includes the encryption layers of V1 and V3 with its expanded 1024 sign password-encryption syntax and file size based sub-encryption, next of its binary-data bloatup, resulting in a 3-layer encryption security.

The user just takes the file who he wants to encrypt and chooses a password (V1 up to 32 signs, V3 and V5 up to 1024 signs) which will be used for the encryption. The file(s) will now be securely encrypted with the given password and the syntax it creates, with a 2nd layer encryption based on its file size (V3 and V5), based on the 3rd layer of encryption thanks to the doubled file-size filled with RNG data mixed with the real data (v5). The encrypted file can now be sent online or saved without the risk to be stolen and used, or scanned/copied by any form of AI, for its training or data-analytics. To decrypt a file, you need to enter EXACTLY the password that was given in the process of encryption, or it will be using the wrong syntax generated by the password and only a garbage file will be created. Because Dark-Fog doesn't use a checksum, it is not possible to say if a password is correct, so there is no way to brute force the right password. To try every possible password will come with a huge effort, because the attacker would need to check every file-output and needs a lot of system power to do so. Even massive AI-Datcenters would break under the lead until the real OG-file could be recreated again.

4.9 Usage and logic of Dark-Fog Key-File Encryption



Dark-Fog is a file encryption software, with the purpose of securing important files, for save sharing online in cloud storages or on local storages, next to protecting them from any form of use by AI.

Dark-Fog with Encryption-option 2, 4 and 6 (will be called V2, V4 and V6), needs a little more effort from the user then V1, V3 or V5 but is the most secure and strongest encryption/security-option, depending on the encryption level/option it can up to 3 layers of encryption.

V2 encrypts the data/file with a 32 sign password-encryption syntax and creates a syntax-defining Key-file, resulting in a 1-layer encryption security.

V4 includes the encryption layer of V2 with its expanded 1024 sign password-encryption syntax and file size based sub-encryption and creates a syntax-defining K4y-file, resulting in a 2-layer encryption security.

V6 includes the encryption layers of V2 and V4 with its expanded 1024 sign password-encryption syntax and file size based sub-encryption, next of its binary-data bloatup and creates a syntax-defining K6y-file, resulting in a 3-layer encryption security.

This requires a little more effort from the user then V1, V3 or V5 but is the most secure and strongest encryption/security-option. The basics are the same as V1, V3 or V5 (can including the encryption layers of V2 and V4 (V6) with its expanded 1024 sign password-encryption syntax (V4, V6) and file size based sub-encryption (V4, V6), next of its binary-data bloatup (V6), resulting in a up to 3-layer encryption security), but with a huge difference just like with V2 and V4! In this case the Crypt-Syntax creates a random generated Key/K4y/K6y-File for every file that will be encrypted. The basic idea is that the encrypted file can be stored as usual online or on a local hard drive, but you also need an authentication-syntax file for the decryption as well as the password. You can now store the sensitive data online with an even more secure level, and simply keep the key-file for it locally saved. If someone now online accesses the data and even knows the password, the attacker has no way to decrypt it since he does not have the necessary values without the key file(s).



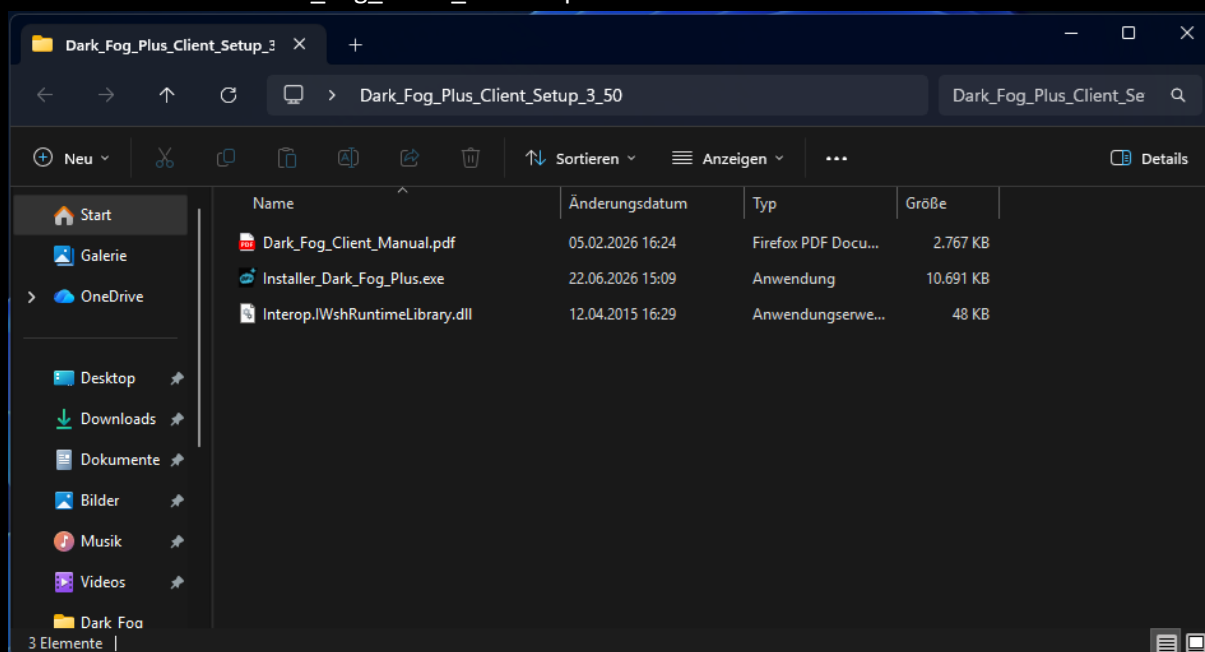
5.0 Dark-Fog Installation/Setup (Windows Client)

Dark-Fog offers 2 installation options. The standard system-installation with registration to the system and a portable mode with no registration the system. The license information will also be effected and stored, based on these configurations.

5.1 Setup Files

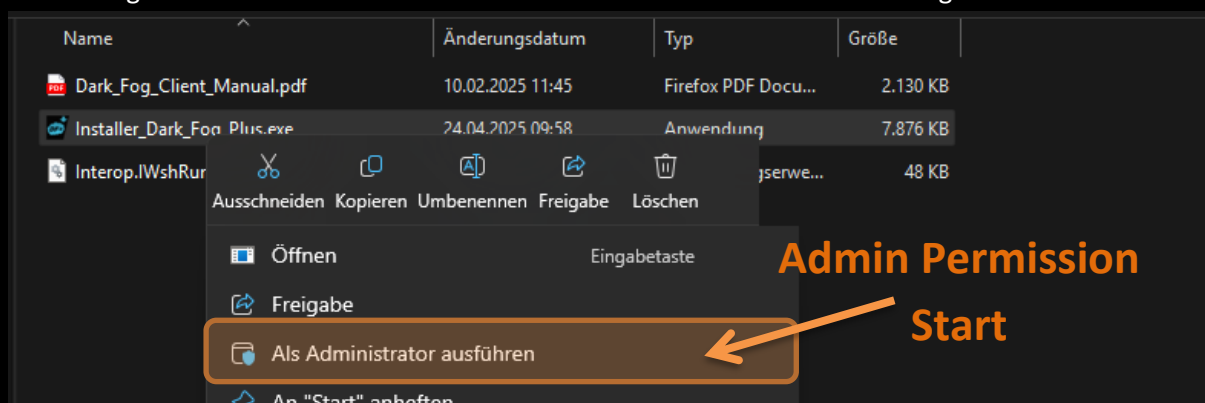
The Setup of “Dark-Fog” requires the following Files at the same folder:

Files: Installer_Dark_Fog_Plus.exe <-Main Setup Exe
 Interop.IWshRuntimeLibrary.dll <- Support library
 Dark_Fog_Client_Manual.pdf <- Manual PDF



Make sure to start the Installer with Administration Rights!

Make a Right-Click on the Installer Exe and select “Start with administration Rights”.





5.2 Setup & Installation of Dark-Fog (Windows Client)



Step 1: Click on "Next".



Step 2: Read the EULA and if you agree with it, click "Accept".





Dark-Fog+ File encryption and security made easy - 3.50 Setup [ADMIN LEVEL]

User License Information:

User Name:
Dark-Fog User

Street:
Privacy Street

PLZ/State:
00000

Town:
Security Town

Country:
Save Country

E-Mail:
support@dark-fog.net

Serial-Key:
00000-99999-AAAAA-00000-DFPSU

OK Exit

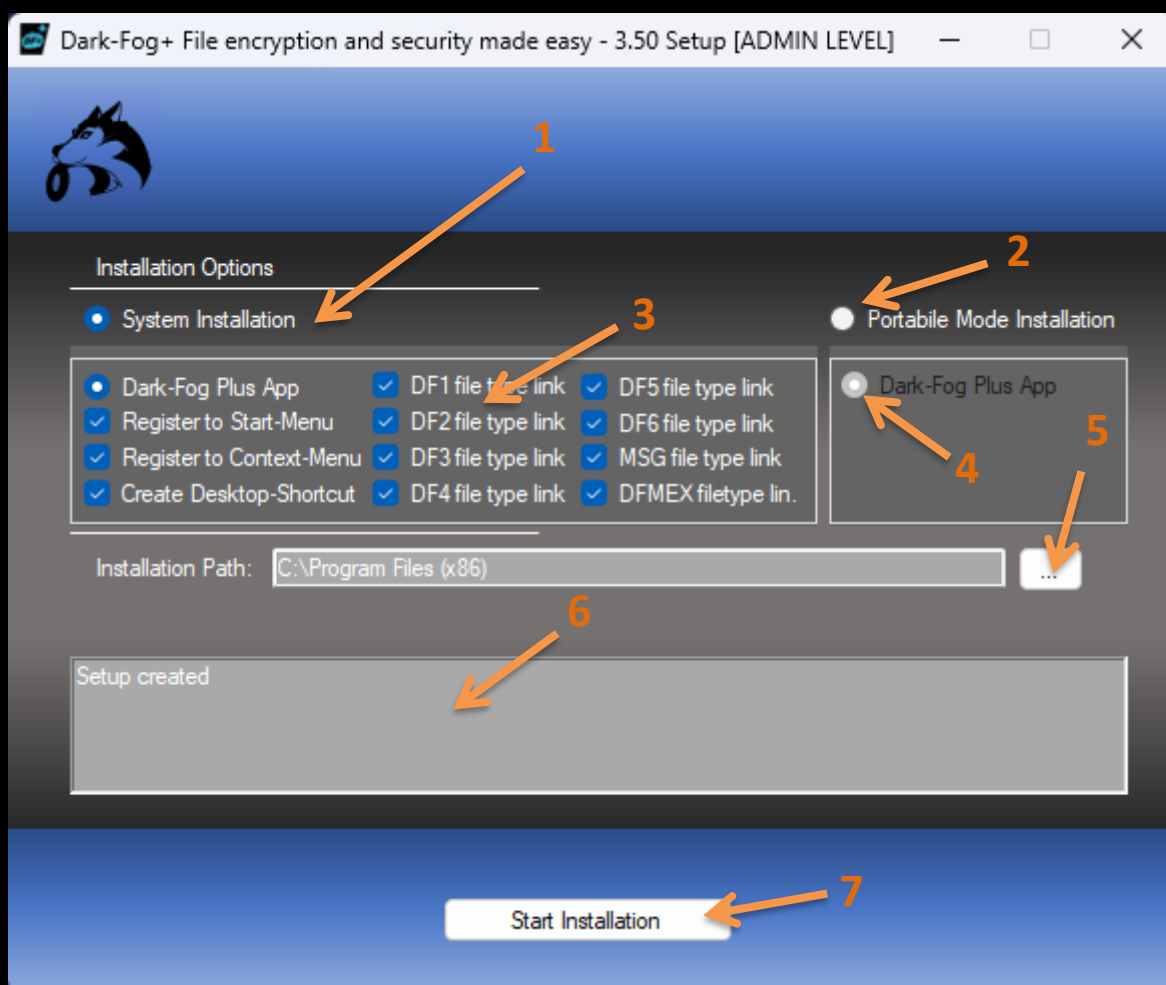
1 = License Information of the User/System

2 = License Serial-Key (only required for Dark-Fog+ and Dark-Sky)

3 = Checks the entered license data and calls the installation configuration.

Step 3: After entering the valid and correct license data, click „OK“.





1 = Configures the Setup to install Dark-Fog directly to the system and register it to the Windows operating system.

2 = Configures the Setup to apply Dark-Fog as a standalone app to the configured location.

3 = Configuration Options of the installation and registration of Dark-Fog to the Windows System. Start-Menu, Context-Menu and File-association can be applied separately.

4 = Mandatory Options of the Portable Mode installation.

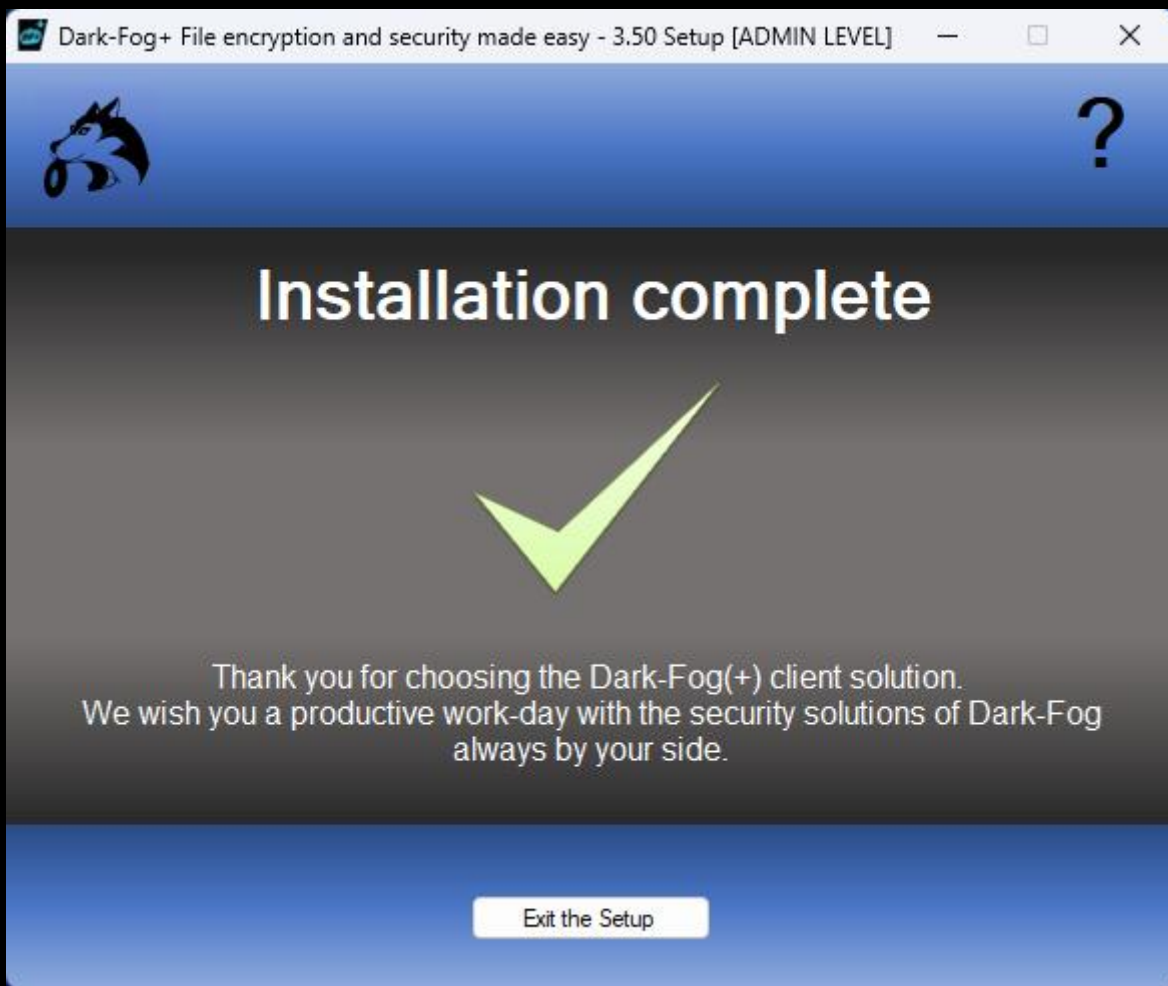
5 = Selection of the location/directory Dark-Fog will be installed/placed to.

6 = Activity-Log of the installation process.

7 = Starts the installation/deployment of Dark-Fog based on the configuration.

Step 4: After selecting the preferred setup-configuration, click „Start Installation“.





Step 5: When the installation has been completed without errors, click „Exit the Setup“.

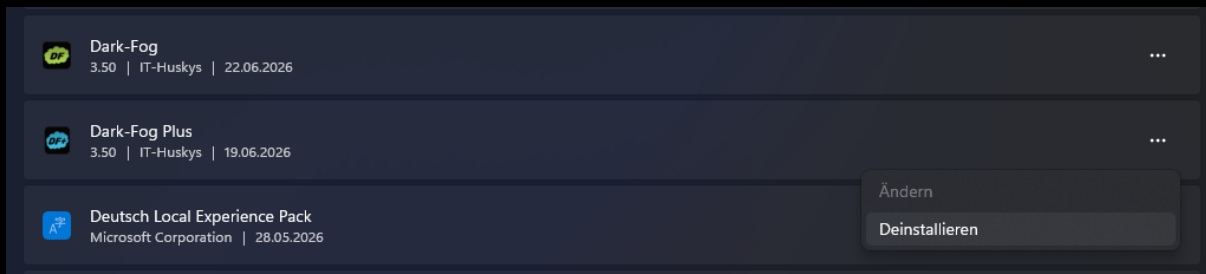
The Installation has been completed and Dark-Fog is ready to be used.



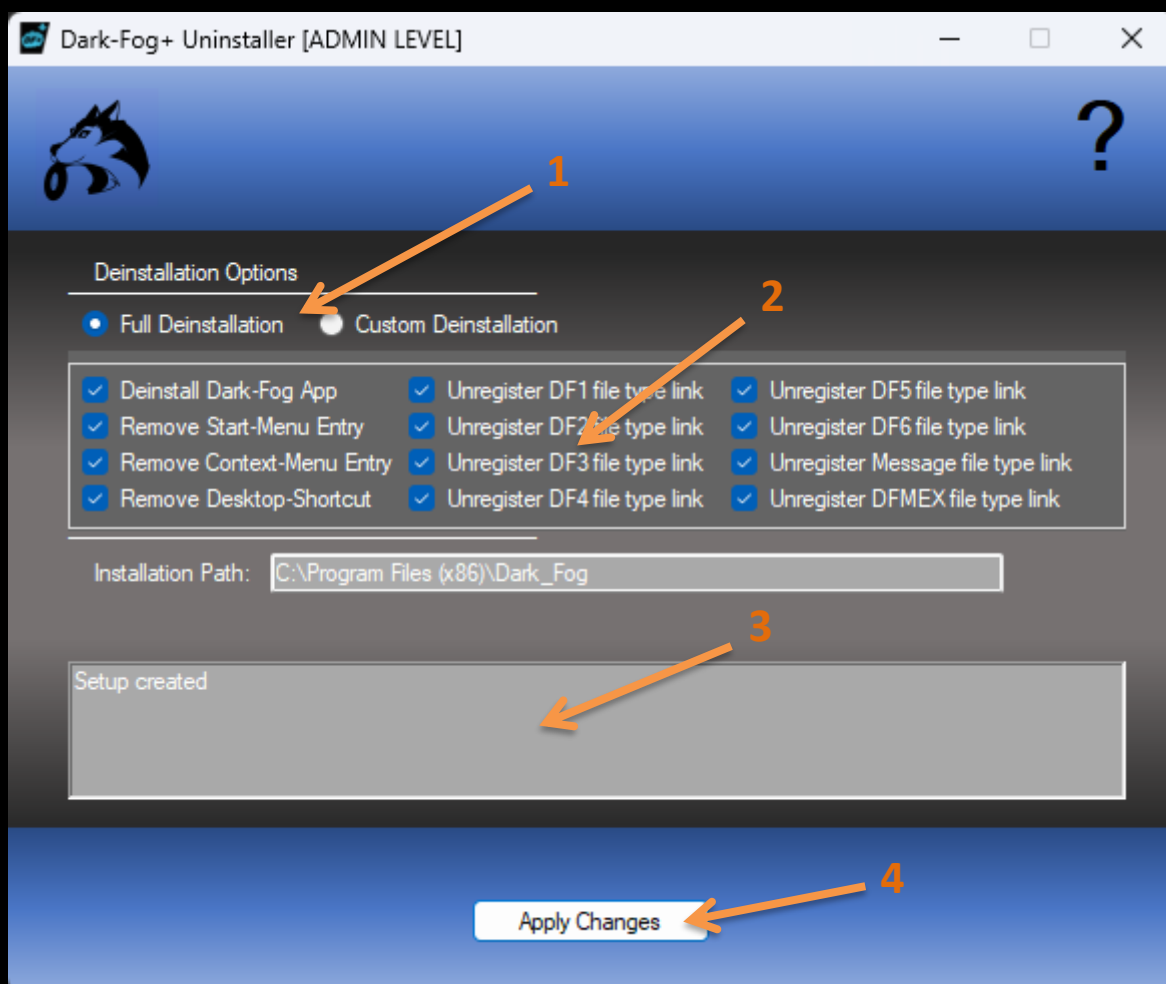


5.3 Deinstallation of Dark-Fog (Windows Client)

To deinstall Dark-Fog, open the Windows Settings, select “Apps” and select there “Installed Apps”. Then simply select “Dark-Fog” and choose “Deinstallation”.



This will open the Uninstaller for custom or complete uninstallation of Dark-Fog.



1 = Selection of the type of the deinstallation

2 = Configuration of the deinstallation

3 = Activity-Log of the Uninstaller

4 = Apply the deinstallation based on the configuration



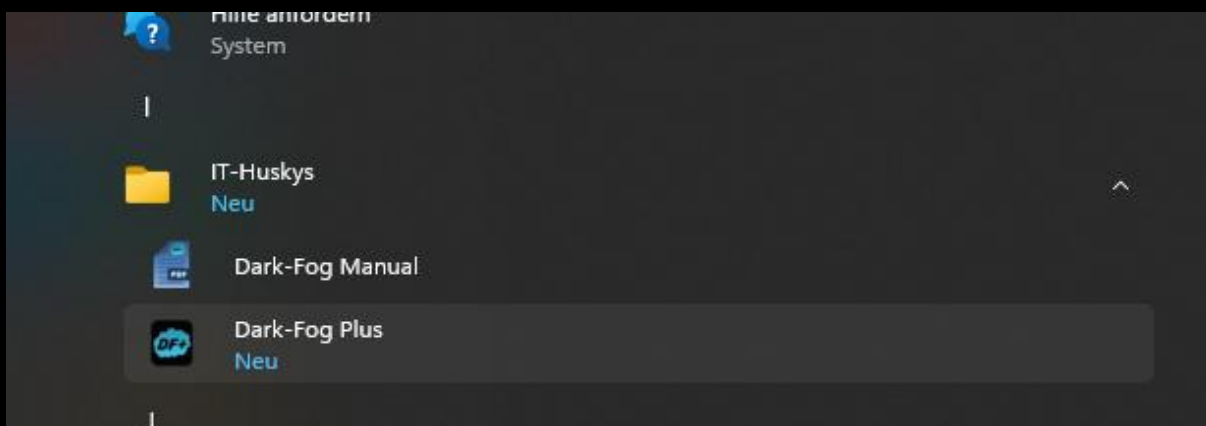


5.4 Start & File-Association of Dark-Fog (Windows Client)

Next to starting Dark-Fog directly via its App-Exe and its Desktop-Shortcut, it can be started via the following optionally configured methods.

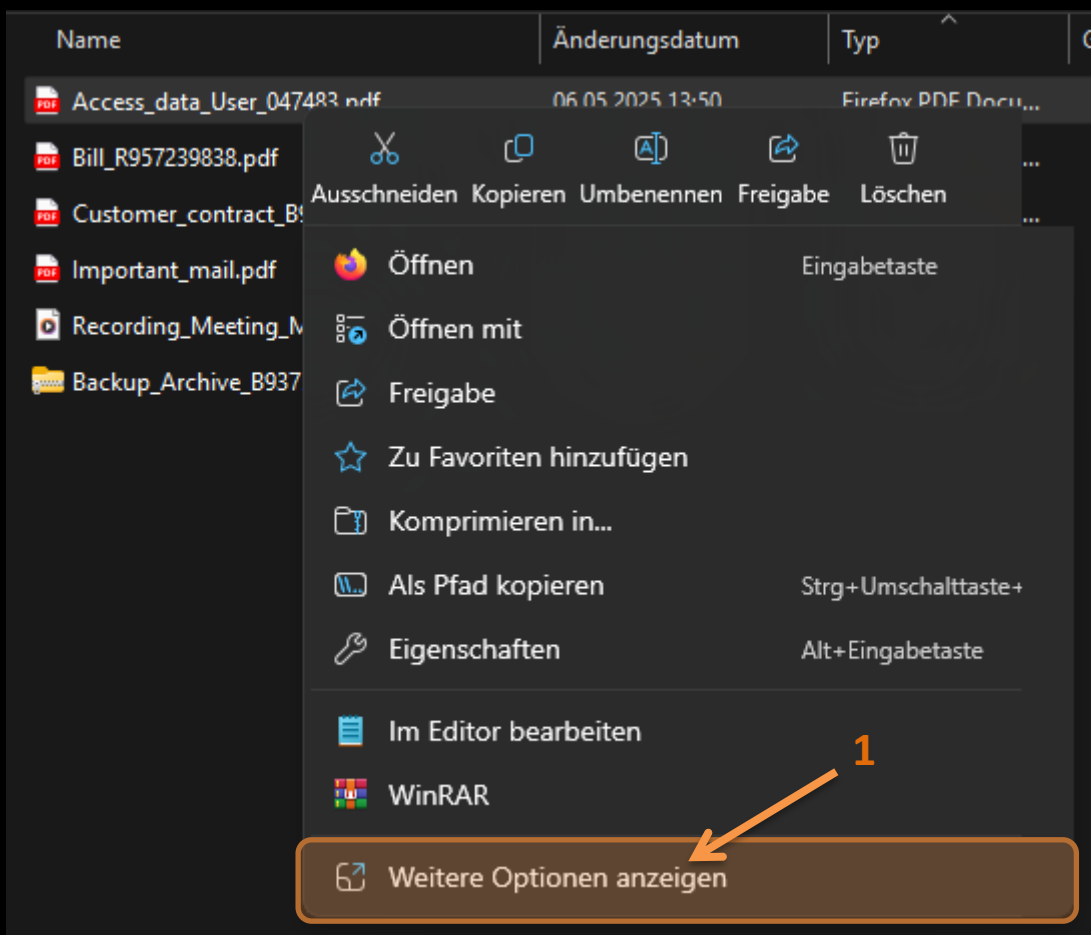
5.4.1 Start-Menu

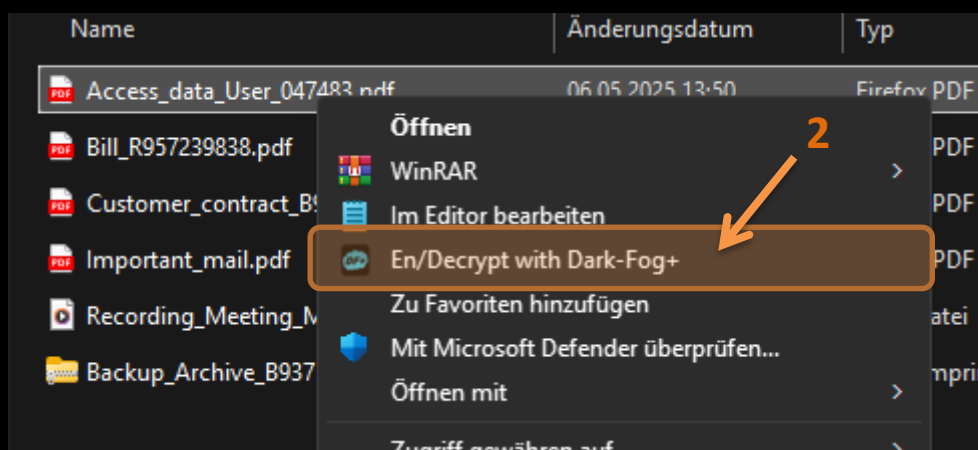
You can start Dark-Fog via the Windows Start-Menu by opening the "IT-Huskys" directory and selecting the App.



5.4.2 Context Menu

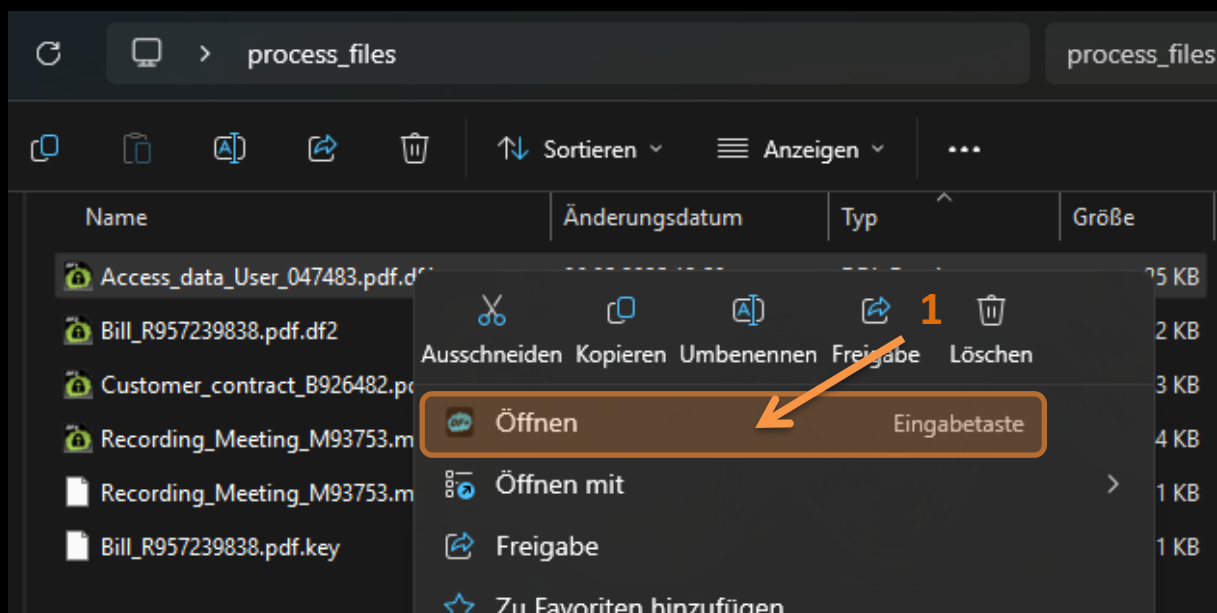
You can also call Dark-Fog directly with the intended file or folder to encrypt by right clicking on it and selecting "show more options" and there "En/Decrypt with Dark-Fog".





5.4.3 File types/association

When the file-association is applied to the system, all Dark-Fog related file-types like .df1, .df2, .df3, .df4, .df5, .df6, .message and .dfmex can be simply be opened by a double-click on the file or per right-click on it/them.





6.0 Dark-Fog Menu/Navigation



1 = File-Encryption – opens the File-Encryption menu

2 = File-Decryption – opens the File-Decryption menu

3 = Message-En/Decryption – open the Message En/Decryption menu

4 = License & App Information – opens the Information overview about the apps version and user license

5 = App-Options – opens the Options-menu with the app-configuration settings [only available (with full features) in the Dark-Fog+ client solution]

6 = Closes Dark-Fog

6.1 File-Encryption





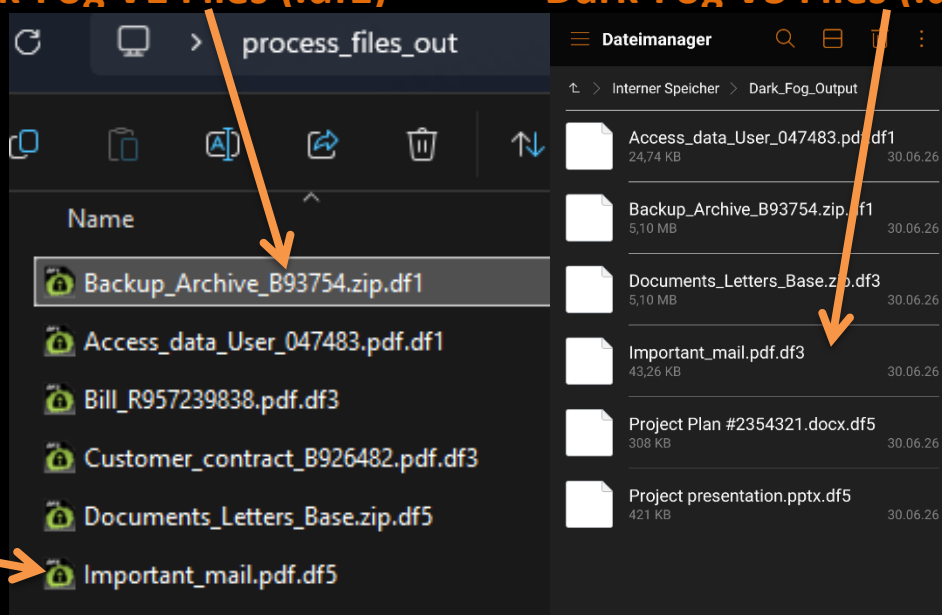
- 1 = Close Crypt-menu, resets the file-list and goes back to the Main-menu (Windows client only)
- 2 = Select the files or folder(content) you want to encrypt or clear the selection. (Drag & Drop File-List that have to be encrypted -- Windows client only). All files in the list will be encrypted with the given password and settings.
- 3 = Select the Dark-Fog level that the files will be encrypted on (level 4-6 only available in Dark-Fog+)
- 4 = Password who will be used to encrypt the files (up to 32 Symbols DF1 & 2 – up to 1024 Symbols DF3, 4, 5 & 6).
- 5 = Start encryption and offers PAUSE-RESUME option during procession (only in Dark-Fog+ Client)
- 6 = Creates a random generated password with the maximum supported length of the selected Dark-Fog encryption level (32 signs for DF1 & 2 –1024 signs for DF3, 4, 5 & 6). *The generated password is automatically copied into the clipboard(Copy & Paste memory) for custom saving if not deactivated in the options.*
- 7 = Opens the detailed Password Overview, for easier long password entering and editing

6.1.1 Output of the Dark-Fog V1, V3 and V5 Syntax:

Dark-Fog V1 Files (.df1)

Dark-Fog V3 Files (.df3)

Dark-Fog V5 Files (.df5)



The processed files will be in the same directory as the source files if not configured differently (Windows client). In the Android client version, all processed files will always be in the folder "Internal Storage/Dark_Fog_Output" if "File(s) selection" was selected as the source. With the "Folder(content) selection" all files will be placed in the same directory as the source files, if not configured differently.

Task Complete

The encryption process has been completed! The encrypted file of Wallpaper_Android_edition_Promo.png has been stored at: 'Internal Storage/Dark_Fog_Output'.





6.1.2 Output of the Dark-Fog V2, V4 and V6 Syntax:

Access_data_User_047483.pdf.df2	Access_data_User_047483.pdf.df2 24,74 KB 30.06.26	Dark-Fog V2 files (.df2)
Backup_Archive_B93754.zip.df2	Backup_Archive_B93754.zip.df2 5,10 MB 30.06.26	
Bill_R957239838.pdf.df4	Bill_R957239838.pdf.df4 42,96 KB 30.06.26	Dark-Fog V4 files (.df4)
Customer_contract_B926482.pdf.df4	Customer_contract_B926482.pdf.df4 20,33 MB 30.06.26	
Documents_Letters_Base.zip.df6	Documents_Letters_Base.zip.df6 10,21 MB 30.06.26	Dark-Fog V6 files (.df6)
Important_mail.pdf.df6	Important_mail.pdf.df6 86,53 KB 30.06.26	
Access_data_User_047483.pdf.key	Access_data_User_047483.pdf.key 488 B 30.06.26	Dark-Fog V2 Key-files
Backup_Archive_B93754.zip.key	Backup_Archive_B93754.zip.key 498 B 30.06.26	
Bill_R957239838.pdf.k4y	Bill_R957239838.pdf.k4y 702 B 30.06.26	Dark-Fog V4 K4y-files
Customer_contract_B926482.pdf.k4y	Customer_contract_B926482.pdf.k4y 699 B 30.06.26	
Documents_Letters_Base.zip.k6y	Documents_Letters_Base.zip.k6y 801 B 30.06.26	Dark-Fog V6 K6y-files
Important_mail.pdf.k6y	Important_mail.pdf.k6y 801 B 30.06.26	

The processed files will be in the same directory as the source files if not configured differently (Windows client). In the Android client version, all processed files will always be in the folder "Internal Storage/Dark_Fog_Output", if "File(s) selection" was selected as the source. With the "Folder(content) selection" all files will be placed in the same directory as the source files, if not configured differently. The Key/K4y/K6y files can be generated (by setting) in an own separate folder on creation.

Task Complete

The encryption process has been completed! The encrypted file(s) has/ have been stored at:
'/storage/emulated/0/Documents'.

The Key/K4y/K6y-files can be stored separately. For example the file(s) can now be safely stored online, with the Key-file/K4y/K6y-file remaining on the users end or send via email to the targeted user.





6.2 File-Decrypt Menu



1 = Close Decrypt-menu, resets the file-list and goes back to the Main-menu (Windows client only)

2 = Drag & Drop File-List that have be decrypted. Just drop the files or folder(content) right in the area (Windows client). On Android select the files or folder(content) you want to decrypt or clear the selection. All files in the list will be decrypted with the given password. DF1, DF2, DF3, DF4, DF5 and DF6 files can be decrypted at the same time. The KEY-Files, K4Y-Files and K6Y-Files must be next to the DF2, DF4 and DF6-file in the same source directory on Windows. On Android you will be asked for each KEY/K4Y/K6Y-file for every queued DF2, DF4 or DF6 file.

Key - File Required

The selected file is lvl 2 encrypted and requires a Key-file to decrypt. Please select the Key-file for /storage/emulated/0/Dark_Fog_Output/Customer_contract_B926482.pdf.df2.

SELECT KEY-FILE

K4y - File Required

The selected file is lvl 4 encrypted and requires a K4y-file to decrypt. Please select the K4y-file for /storage/emulated/0/Dark_Fog_Output/Project Report Q32024.xlsx.df4.

SELECT K4Y-FILE

K6y - File Required

The selected file is lvl 6 encrypted and requires a K6y-file to decrypt. Please select the K6y-file for /storage/emulated/0/Dark_Fog_Output/Recording_Meeting_M93753.mp4.df6.

SELECT K6Y-FILE

3 = Password who will be used to decrypt the files (up to 32 Symbols DF1/DF2 - up to 1024 Symbols DF3/DF4/DF5/DF6).

4 = Start decryption

5 = Opens the detailed Password Overview, for easier long password entering and editing



The processed files will be in the same directory as the source files if not configured differently (Windows client).

In the Android client version, all processed files will always be in the folder "Internal Storage/Dark_Fog_Output", if "**File(s) selection**" was selected as the source. With the "**Folder(content) selection**" all files will be placed in the same directory as the source files, if not configured differently.

Task Complete

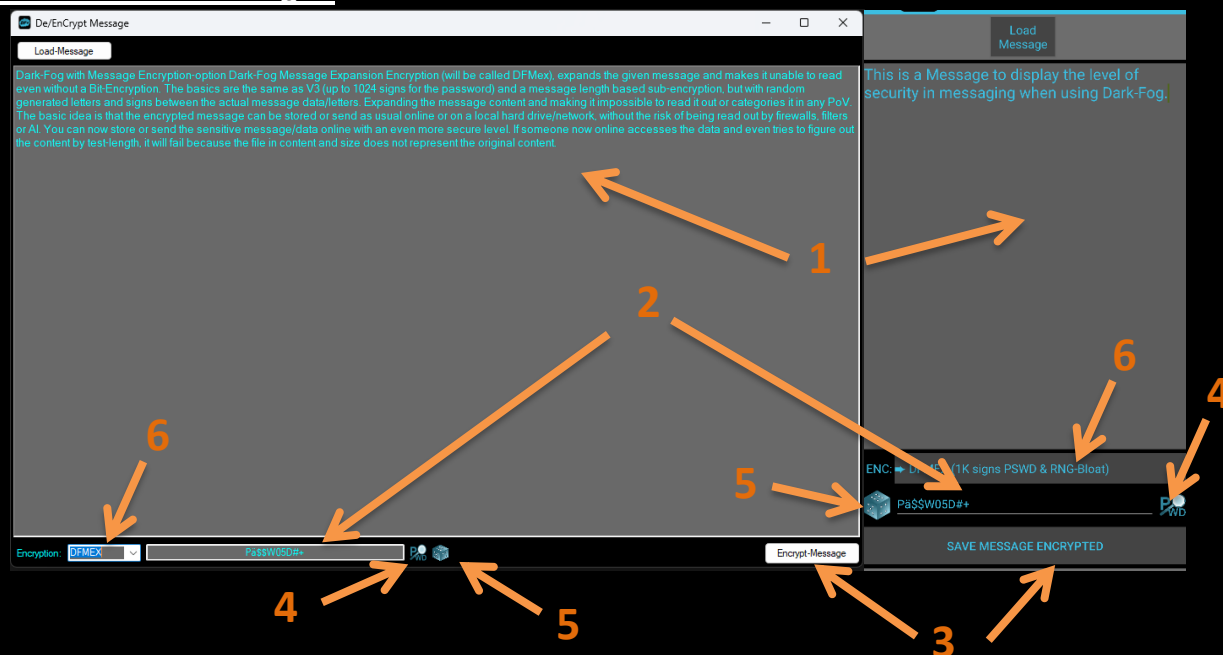
The decryption process has been completed! The decrypted file(s) has/ have been stored at:
'/storage/6434-3962/work stuff'.





6.3 Crypt-Message

6.3.1 Create Messages

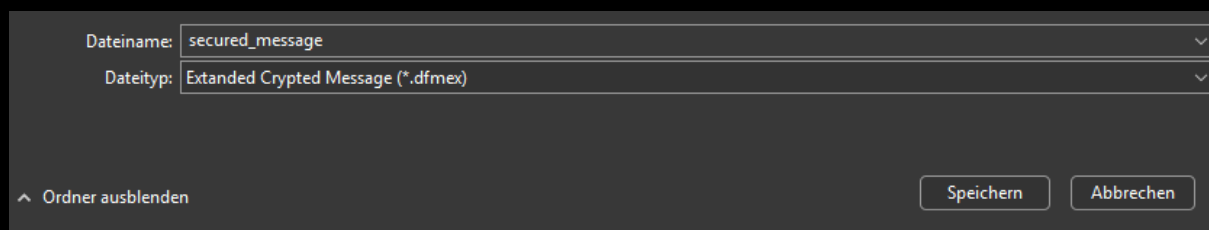


With this you can create a ".message" or ".dfmex" file to safely be stored and send to a permitted user.

1 = Message-Text – Writing anything in this area will activate the message encryption functionality

2 = Password (up to 32 Symbols (Basic) up to 1024 Symbols (DFMEX) – UTF8).

3 = Saves the message as an encrypted ".message" or ".dfmex" file



On the Windows client version, you can choose the location of the encrypted ".message" or ".dfmex" file. In the Android client version, all processed files will always be in the folder "Internal Storage/Dark_Fog_Output".

Task Complete

The encryption process has been completed! The encrypted file of Text Message has been stored at: 'Internal Storage/Dark_Fog_Output'.

The fixed preset output directory, is required by the google play-store security policy.

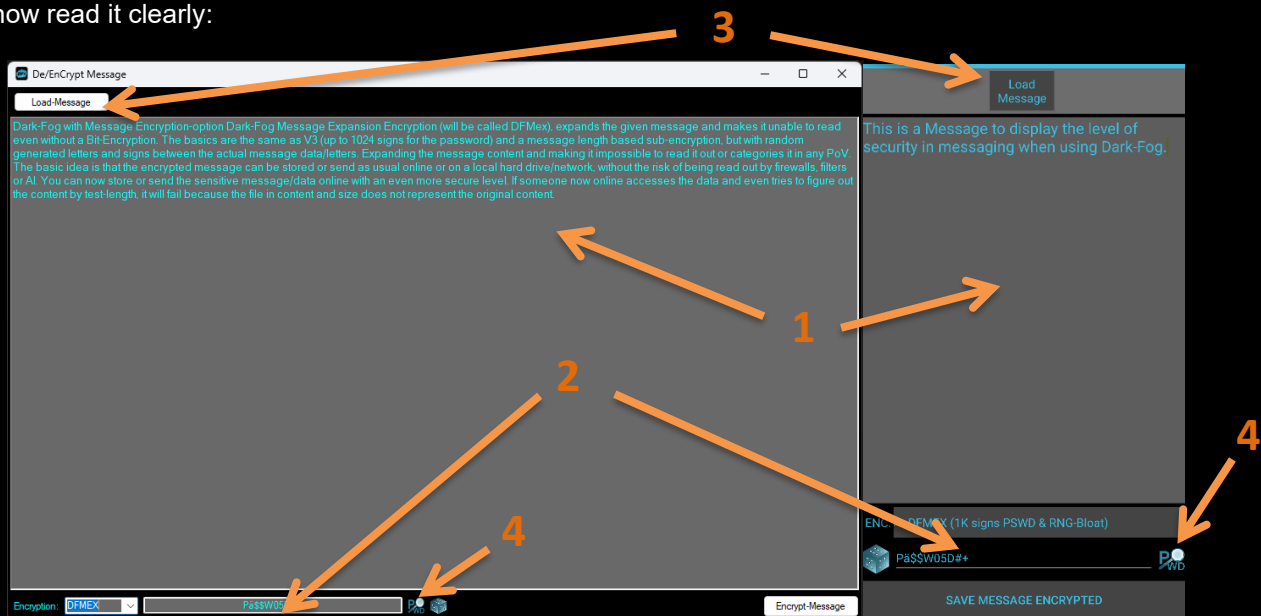




6 = Selection of the encryption level "Basic" for ".message" format or "DFMEX" for ".dfmex".

info.message secured_me...

Load or drag and drop it into the message-area (After you have entered the password). So you can now read it clearly:



3 = Load Message file – Password for the loaded message file will be asked after file selection (Android only)

Password required
Please input the password for the encrypted message.

Pä\$\$W05D#+

DECRYPT

6.4 Info Menu



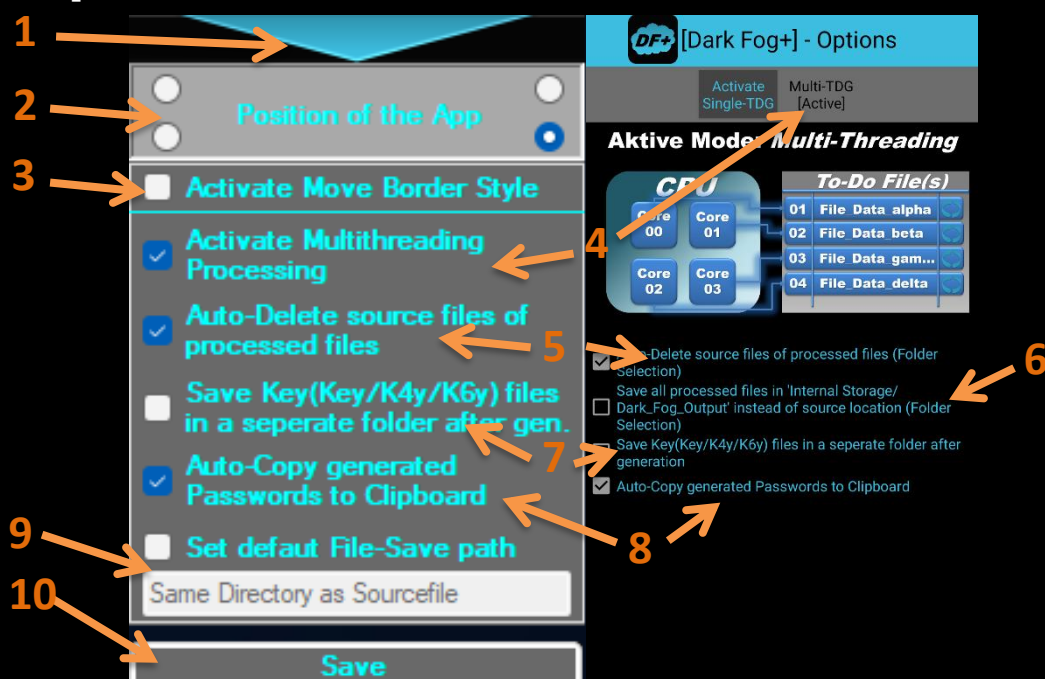
1 = Close Info-Menu and go back to the Main-Menu (only on the windows client)

2 = Information of the app, crypt-syntax version and user license information

3 = Open the website www.dark-fog.net in the default browser for news and update information's

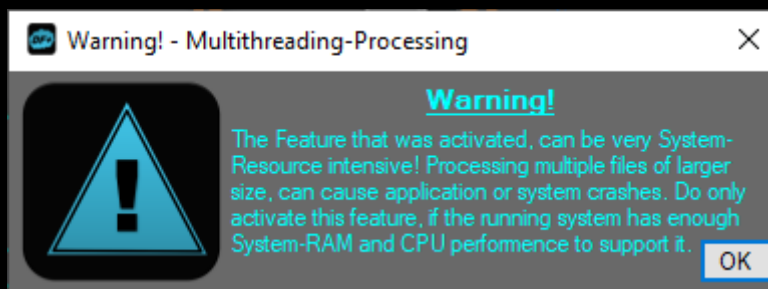
4 = Shows the functionality of all Dark-Fog's encryption features

6.5 Options Menu





- 1 = Close Options-Menu and go back to the main-menu (Windows client only)
- 2 = position of the main-menu (Windows client only)
- 3 = enables to move the main-menu freely around (Windows client only)
- 4 = activates or deactivates Multithreading processing (will be saved instantly on the Android client)



- 5 = deletes the source file after the encrypted/decrypted file has been created (on Android only for **Folder(content)** selection as the source)
- 6 = relocates all created files (encryption and decryption) to "Internal Storage/Dark_Fog_Output" (Android only for **Folder(content)** selection as the source)
- 7 = creates a new folder "Key_Files" at the target destination of the encryption process and places all generated Key, K4y and K6y files in there. The Key/K4y/K6y files will no longer be generated next to the processed files
- 8 = activates the automagically copy of generated Passwords into the clipboard, so it can be pasted out of the memory anywhere.
- 9 = Standard Save-Path (Standard (empty) = same directory as the source-file) (Windows client only)
- 10 = Save settings and go back to the main-menu (Windows client only)



7.0 Copyright & Usage

The base clients of Dark-Fog are completely free for the non-commercial/private use purpose. The premium (full feature) client version of Dark-Fog, a license is required that comes with a commercial use permission. This license must be purchased and given by the IT-Huskys Dev-Group.

All rights of this software and use permit are solely subject to IT-Huskys.

The use of this software is only permitted under the EULA of Dark-Fog.

In the case of problems or questions, these must be submitted in writing to <https://www.dark-fog.net/contact.html> .

8.0 Download & Source

8.1.1 Dark-Fog Client (Private User License)

Windows Client (x86, x64) - https://www.dark-fog.net/downloads_shop.html

Android Client (9 - 16) -
https://play.google.com/store/apps/details?id=com.it_huskys.dark_fog_android

8.1.2 Dark-Fog+ [Premium] Client (Commercial User License)

Windows Client (x86, x64) - https://www.dark-fog.net/downloads_shop.html

Android Client (9 - 16) -
https://play.google.com/store/apps/details?id=com.it_huskys.dark_fog_plus_android

For more information please visit:

<https://www.dark-fog.net/>



IT-Huskys Dev-Group

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