Filkrypto

– Certified and approved file encryption

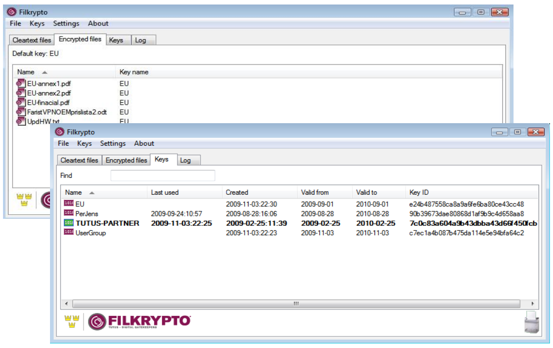
Filkrypto is a file encryption and decryption application for Windows. Files encrypted with Filkrypto are protected against both unauthorized disclosure (confidentiality) and modification (integrity). Depending on key policy, Filkrypto can also provide authenticity.

Filkrypto can be used in many different scenarios, independent of file transfer program, storage media, communication protocol and architecture. Typical usage is secure transfer of sensitive or classified information using standard e-mail programs. Filkrypto can also be used to protect individual files on storage media, such as USB flash drives.

Filkrypto has an intuitive, easy to use graphical user interface, supporting drag-and-drop and registered files for simple encryption and decryption. The user interface is customizable to suit both normal and advanced users.

Keys are easily created and securely protected using Filkrypto's built-in key management. Filkrypto also supports import of both electronic and printed keys from a central key distribution authority. Keys can be stored locally or on separate external media.

Filkrypto is a high assurance software that has been evaluated and certified according to Common Criteria. It is approved to protect national and EU-classified information up to the Restricted-level (specific version) in Sweden and approved to protect sensitive information.


Filkrypto
File Keys Settings About
Cleartext files Encrypted files Keys Log
Filkrypto
File Keys Settings About
Cleartext files Encrypted files Keys Log
Find
FILKRYPTO

Default key: EU

Name	Key name
EU-annex1.pdf	EU
EU-annex2.pdf	EU
EU-finacial.pdf	EU
FaristVPNOEMprislista2.odt	EU
UpdHW.txt	EU

Name	Last used	Created	Valid from	Valid to	Key ID
EU		2009-11-03:22:30	2009-09-01	2010-09-01	e24b487558ca8a9a6fe6ba80ce43cc48
PerJens	2009-09-24:10:57	2009-08-28:16:06	2009-08-28	2010-08-28	90b39673dae80868d1af9b9c4d658aa8
TUTUS-PARTNER	**2009-11-03:22:25**	**2009-02-25:11:39**	**2009-02-25**	**2010-02-25**	**7c0c83a604a9b43dbba43d66f450fcb**
UserGroup		2009-11-03:22:23	2009-11-03	2010-11-03	c7ec1a4b087b475da114e5e94bfa64c2

Key Features

- Confidentiality -files are protected against unauthorized disclosure.
- Integrity -files are protected against undetected unauthorized modification.
- Authenticity -only users with access to correct keys can create valid encrypted files.
- Works with all major e-mail programs including Lotus Notes, MS Outlook, Gmail, Eudora and cc:Mail.
- Secure file erase
- Emergency key erase
- Formally certified and officially approved
- Easy to use, customizable user interface
- Made in Sweden

Technical specifications

Platforms

- Windows 2000, XP, Vista and Windows 7
- Can be run directly from USB flash drive without prior installation

Cryptography

- Encryption algorithm: AES in CBC-mode
- Keys: Symmetric, 256-bit
- Integrity hash function: HMAC with SHA-256

Assurance

- Formally evaluated and certified according to Common Criteria for IT Security Evaluation (ISO/IEC15408:1999) with assurance package EAL3
- Swedish national crypto verification
- Approved for protecting HEMLIG/Restricted and EU Restricted/Restreint UE (specific version) in Sweden
- Second party evaluation within EU (ongoing)
- Approved for sensitive but unclassified information (*KSU -Krypto för skyddsvärda uppgifter*)

Security functions

- Encryption
- Decryption with integrity verification
- Secure file erasure
- Emergency key erase
- Password quality meter and enforcer
- Searchable log

Key management

- Built-in key generation
- Export with password protection
- Import with support for electronic and printed keys
- Password protected key storage and distribution
- Support for external storage of keys

User interface

- Drag-and-drop
- Always-on-top (optional)
- Customizable
- Languages: Swedish and English

Government reference

PGBI: M3184-095901

KGAI / FKA-KSU: M3184-097401

Our policy of continuous development may cause the information and specifications contained herein to change without notice.