

# [TOOL] TrueCrypt – Open–Source Disk Encryption Software

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TrueCrypt – Open–Source Disk Encryption Software

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## SUMMARY

## DETAILS

TrueCrypt is on–the–fly disk encryption software that can create a virtual encrypted disk within a file and mount it as a real disk. It can also encrypt an entire hard disk partition, or a storage device such as USB memory stick. The product also supports plausible deniability.

### Main Features:

- \* It can create a virtual encrypted disk within a file and mount it as a real disk.
- \* It can encrypt an entire hard disk partition or a device, such as USB memory stick, floppy disk, etc.
- \* Provides two levels of plausible deniability, in case an adversary forces you to reveal the password:
  - 1) Hidden volume.
  - 2) No TrueCrypt volume can be identified (TrueCrypt volumes cannot be distinguished from random data).
- \* Encryption algorithms: AES–256, Blowfish (448–bit key), CAST5, Serpent (256–bit key), Triple DES, and Twofish (256–bit key). Supports cascading

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(e.g., AES–Twofish–Serpent).

\* Based on Encryption for the Masses (E4M) 2.02a, which was conceived in 1997.

ADDITIONAL INFORMATION

The information has been provided by ennead.

To keep updated with the tool visit the project's homepage at:

<http://www.truecrypt.org/>

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