Protect Box

Mobile encryption solution for file(s) and workspace(s)

Use Cases

Cryptocurrency: wallet protection

Securing shared storage

Inoperability of compromised or stolen data

Architecture

INES encryption
French-developed solution capable of rapidly encrypting large volumes of data and large files, resistant to brute-force and post-quantum type attacks

Hosted on an encrypted dongle
Multiple form factors available

Technical Specifications

INES encryption
French dynamic and randomised symmetric cryptography solution
Modes:
- MUX MONOMORPHIC
- MUX POLYMORPHIC

4 levels per mode

Compatibility
All file types supported (audio, video, documents, etc.)
No size limitation

Environment
Windows 10, 7, XP

Resource usage
CPU: 1.6 GHz
RAM: 4 GB
Minimum resolution: 1600×900

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Key features

Encryption and decryption of individual file(s) or workspace(s)
Workspaces defined as sets of folders and subfolders

Protect Desk
- Creation of multiple workspaces
- Customisation of protection levels based on data sensitivity
- One-click workspace protection

Dongle-based mobile solution
- Protects files across all equipment
- Secures mobile use cases
- Encrypted digital vault hosted on the dongle, visible and accessible exclusively to the application for physical transfer of sensitive data

Secure data wiping
Source data shredding when required, to anticipate the theft of physical media

Operation timestamping
Timestamping of encryption operations