

Becrypt Media Client

Becrypt Media Client is a software based file encryption solution that protects data whilst in transit or on removable media such as CDs, DVDs or USB devices

Becrypt Media Client offers a simple and easy way of protecting data in transit. Data that is stored on a CD, DVD or USB stick can be vulnerable if unprotected, particularly if the device is lost or stolen. Media Client resides on any removable device with a zero footprint, allowing a recipient to access protected data without needing to install software.

Protecting data in transit

Data is most at risk of being lost when taken outside of the physical boundaries of the organisation.

Increasingly, mobile working employees are required to work offsite and data needs to be transported on removable media. CDs also offer a low cost, easy to use storage solution, whereby data can be easily copied or downloaded with no regard to the security implications. Similarly, data can be easily transferred to a USB stick and taken off the premises.

With data being easily accessed and copied, organisations are increasingly finding that they need to put in place security measures to protect information. Furthermore, with new legislation requiring compliance with data protection measures, never has the issue of data security been more important to address.

Media Client Overview

Media Client is a software based file and folder encryption solution that protects data while in transit on removable media. The data can be very quickly encrypted and saved to removable media, and shared with a recipient with no further need for Becrypt software to be installed on the recipient's computer.

Password protection built into the software ensures that access to the data is authorised. In the event of the password being forgotten or unknown, data remains totally secure – files or folders can be seen, but no filenames or extensions revealing the data type.

How is it different?

Unlike some solutions, Media Client is very easy to deploy and has zero footprint. Protected data can be easily shared with a recipient, with no need for them to have Becrypt software on their computer.

How it works

Files are encrypted and written to disc using the Encrypted Media Writer. As part of the process, the disc is passphrase-protected by the user with a passphrase that conforms to a passphrase policy set by the system administrator, and a copy of the Encrypted Media Reader is written onto the disc as a small executable program. Password/passphrases can be configured to the required complexity to meet the organisation's individual requirements.

When the authorised recipient of the protected disc inserts it into his or her computer and auto run is enabled, the reader application is launched automatically. If auto run is disabled, the user can open the disc and launch the reader manually.

The media reader prompts the user to enter the disc passphrase. If the passphrase is entered correctly, the user may decrypt the files and then open and view them in the normal way. If the passphrase is entered incorrectly, the reader remains locked and, although the user can see the files via Windows Explorer, all filenames, including the file extensions, are hidden.

Should a passphrase or password be lost or forgotten a system administrator with access to the corresponding certificate that contains the private key that was used to perform the encryption, will be able to access the data without knowing the password.

Writing the encrypted files and folders to the CD/DVD/USB device is performed by Media Client, so there is no requirement for third party CD/DVD burning software.

Fast Facts

- File encryption
- Protects Data in transit on CDs, DVDs or USB devices
- Easy to use and easy to handle & share data safely
- Zero footprint
- CAPS approved – secures data at RESTRICTED

Becrypt Media Client

At a glance

| Features | Benefits |
|--|---|
| Simple easy to use interface enables folders/files selected by the user to be encrypted and written to the media with a passphrase | Non-technical users can easily secure data to the chosen removable media |
| Event log generates automatic audit trail | Provides a transparent view of data being exported by the user |
| Files (file extensions) and folder names are hidden for data confidentiality | Unauthorised viewers (with incorrect password) can see files but are prevented from knowing the data type |
| Zero footprint design and extractor application on protected media | Data can be encrypted quickly by the sender and read by the recipient's PC (with passphrase) with no need to have Becrypt software installed |
| Data recovery facility using certificates | Enables straightforward access to data by administrator if the password is forgotten or unknown |
| In built integrity/verification of media content | Protects content from being tampered with while in transit. If the file contents have been altered the recipient will not be able to extract the data |
| Files are written to CDs/DVDs/USB media from within Media Client | No need for additional third party CD/DVD burning software |

Certification

CAPS approved to RESTRICTED (Impact Level 3)

For more information please call 0845 838 2050 or +44 (0) 20 3145 1050, or visit www.becrypt.com

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