

Becrypt Media Client

Becrypt Media Client is a software based file encryption solution that protects data whilst in transit on email 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, USB stick or sent as an email attachment 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 and USB sticks offer a relatively low cost and easy to use storage solution, whereby data can be easily copied or downloaded with no regard to the security implications. Similarly, sensitive data can be easily attached to an email and sent off hoping for the best.

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 and on email. The data can be very quickly encrypted and saved to removable media or attached to email, 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, or email, 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, or email, as a small executable program, or Zip file. 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.

When the authorised recipient receives the encrypted attachment they will see a Zip file containing the encrypted content and the Encrypted Media Reader. After extracting the Zip file, the recipient runs the media reader, which will prompt for a passphrase to gain access to the encrypted content.

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 and USB devices
- Protects Data on email
- 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
Files can be created as email attachments	Create encrypted email attachments, removing the need to copy the data to physical media
Zip Creation & Compression	Allows Media Client to be used for day-to-day achieving as well as allowing standard compression to reduce file sizes
Recipient Certificates	Files can be protected by recipient certificate, removing the need for passphrases without compromising security

Certification

CESG Claims Test Mark (CCTM) approved

CESG Approved Product Scheme (CAPS) approved to RESTRICTED (Impact Level 3)

FIPS 140-2 as it uses Becrypt's Cryptographic Library which is FIPS 140-2 certified



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