

Chameleon Applications and Examples

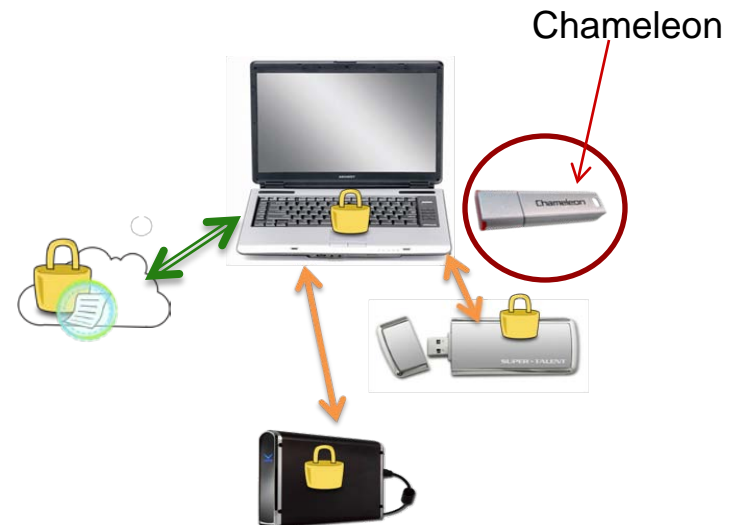


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Objectives

- A general purpose data protection device with strong encryption can be used anywhere,
 - supports multiple computers
 - storage devices including external flash drive and hard disk
 - Cloud computing
- Easy to use
- Secure







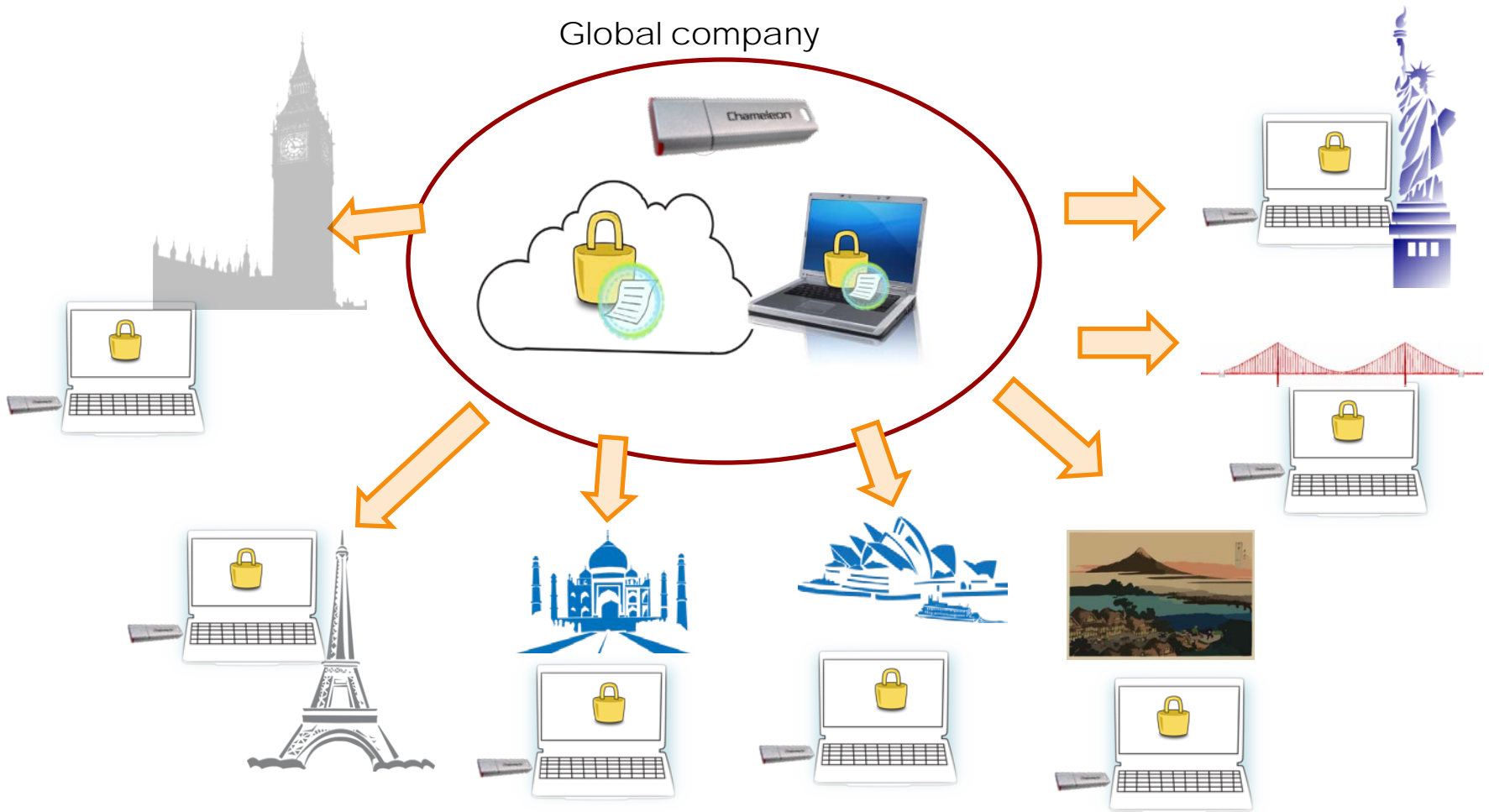
Individual file and folder encryption

- Create secure email attachments or encrypt files for cloud storage and VPN network server
 - Right click on any file or folder, then select “Encrypt here”
 - Creates an encrypted file with .CGE suffix
 - Right click on any encrypted file or folder then select “Decrypt here”
 - Creates a copy of the original files and folders
 - Encrypted paste, Decrypted paste
 - Cut or copy original file, then right click on the destination folder, select option
 - Requires matching Chameleon for decryption
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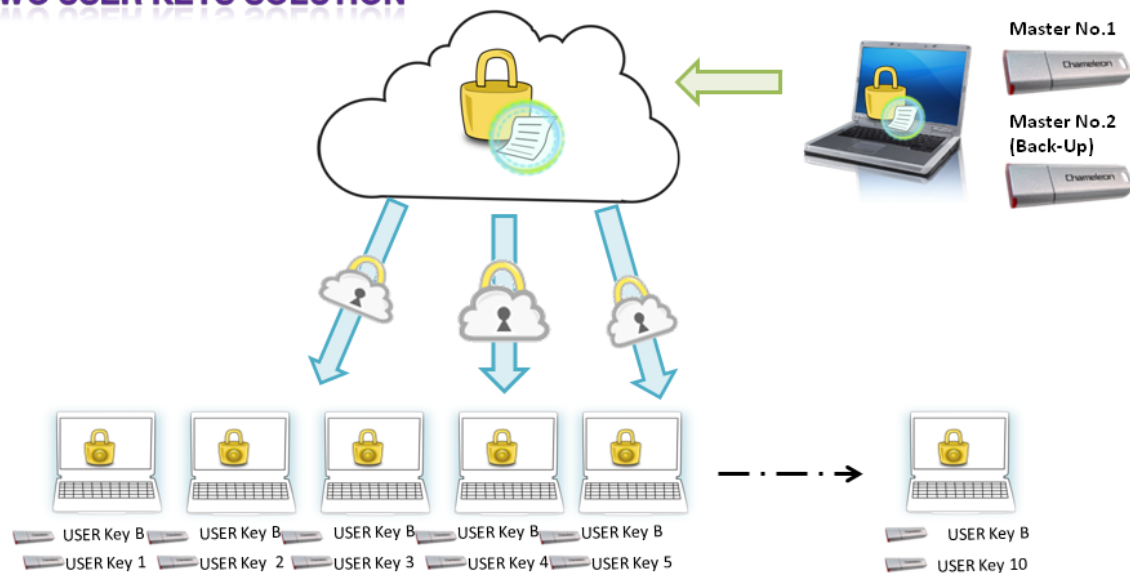
Applications

- Transfer and store sensitive information, such as bank account information, driver license numbers, social security numbers, employee records, customers, patient information or IP.
- Encrypt internal or external drives (Hard drives or USB Flash drives)
- Encrypt E-mail attachments
- Store data to cloud storage
- Store emails, web login passwords, such as, Social networks accounts(Facebook, Twitter, LinkedIn, YouTube)

Chameleon secures Global company



TWO USER KEYS SOLUTION



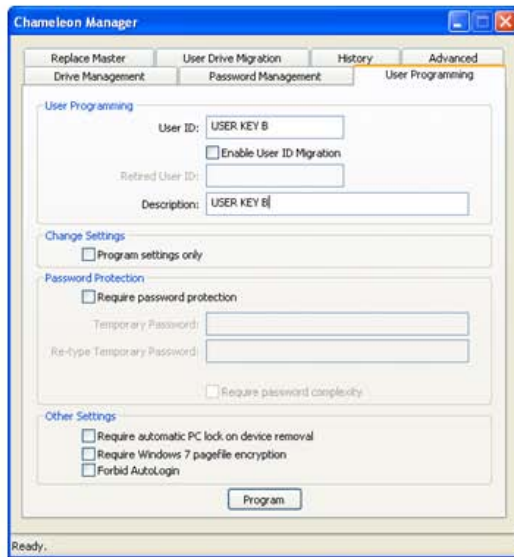
Broadcasting key secures messages from Master Key.

Note: Broadcasting Keys (USER Key B) are sharing the same message.

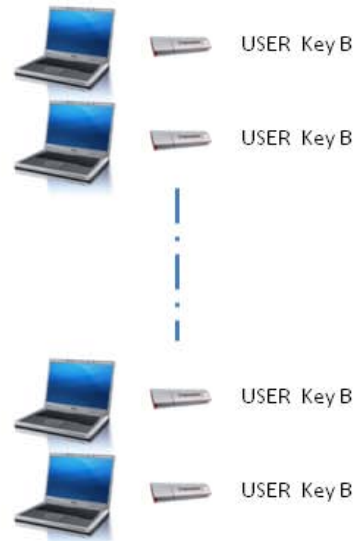
Two user keys Solution

1. Prepare two Master keys. (One for backup)
2. Create User key B as broadcasting key. Everyone can open the same file with broadcasting key. Good for simultaneous updates for every User, but content is secured when distributed.
3. Create Individual User key for each User. Everyone has their unique key to decrypt/encrypt files. Master can communicate with each User, but each User cannot access to anybody else data.

HOW TO CREATE BROADCASTING KEY



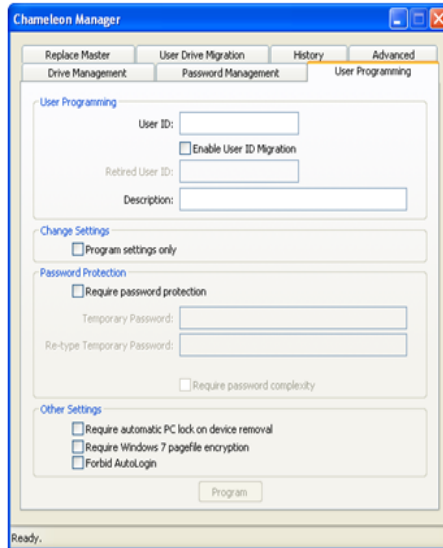
Set up same User keys by duplicating the keys.



Creating Broadcasting Key

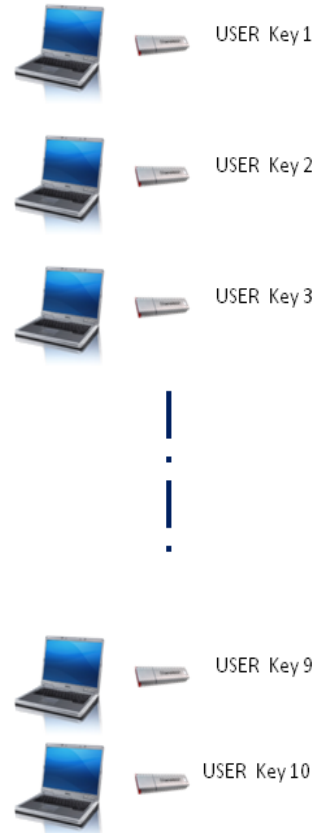
1. Open Chameleon Manager, select User Programming tab.
2. Use Master key to create a USER KEY B (Broadcasting key). Duplicating 10 identical USER KEY B and these 10 USER KEY B can open the same encrypted file.
3. These keys share the same encryption keys, therefore they can access the same file.

User Chameleon Manager User Programming feature to create User keys for each User



Note:

1. All ten keys can not share files and data.
All Users have their own privacy.
2. Only Master key can access to USER key 1-10.



Creating Individual User Key

1. Open Chameleon Manager and select the User Programming tab.
2. Use Master key to create individual User key with different User ID. (User Key 1-10)
3. Master can choose to set features such as required password, required password complexity, automatic PC lock, automatic pagefile encryption, or forbid AutoLogin.
4. These User keys cannot access to other Users' data.

Chameleon User Keys distribute to world-wide offices



Chameleon Pro
Master Keys

Chameleon Master Key to setup
User Keys for world-wide market



USER Key
US Market



USER Key
US Market



USER Key
Europe Market



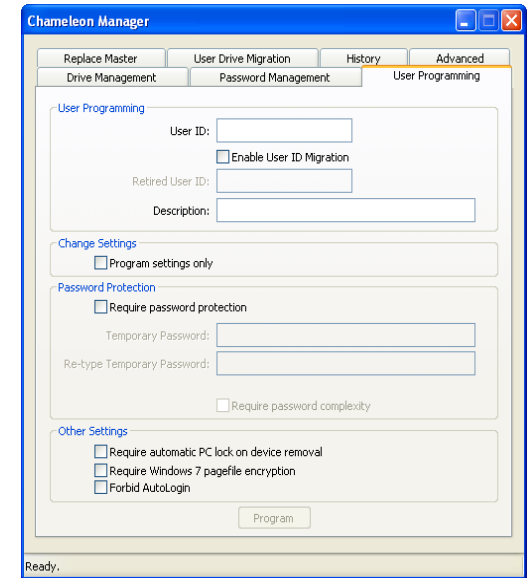
USER Key
Asia Market



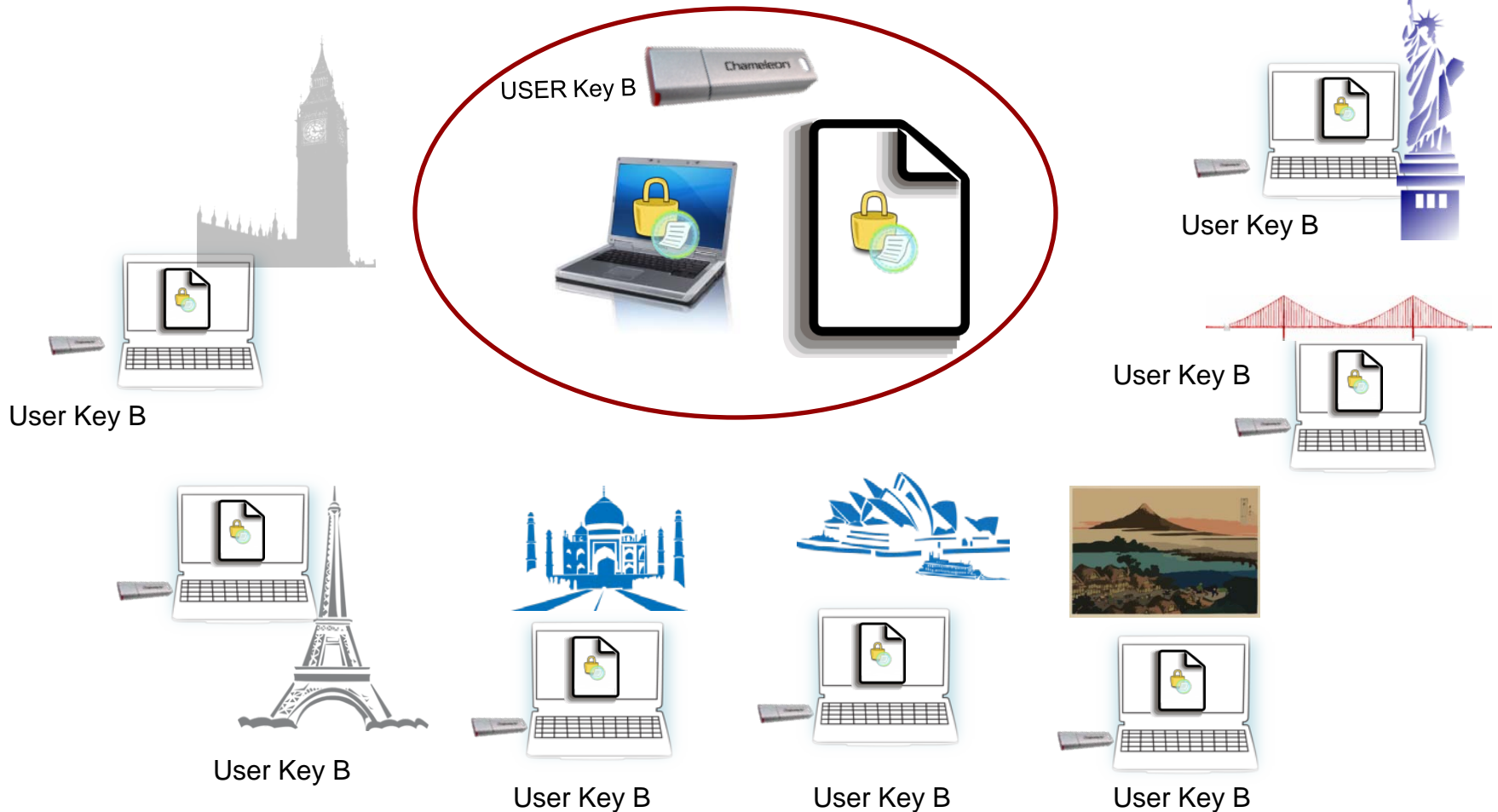
USER Key
Europe Market



USER Key
Asia Market

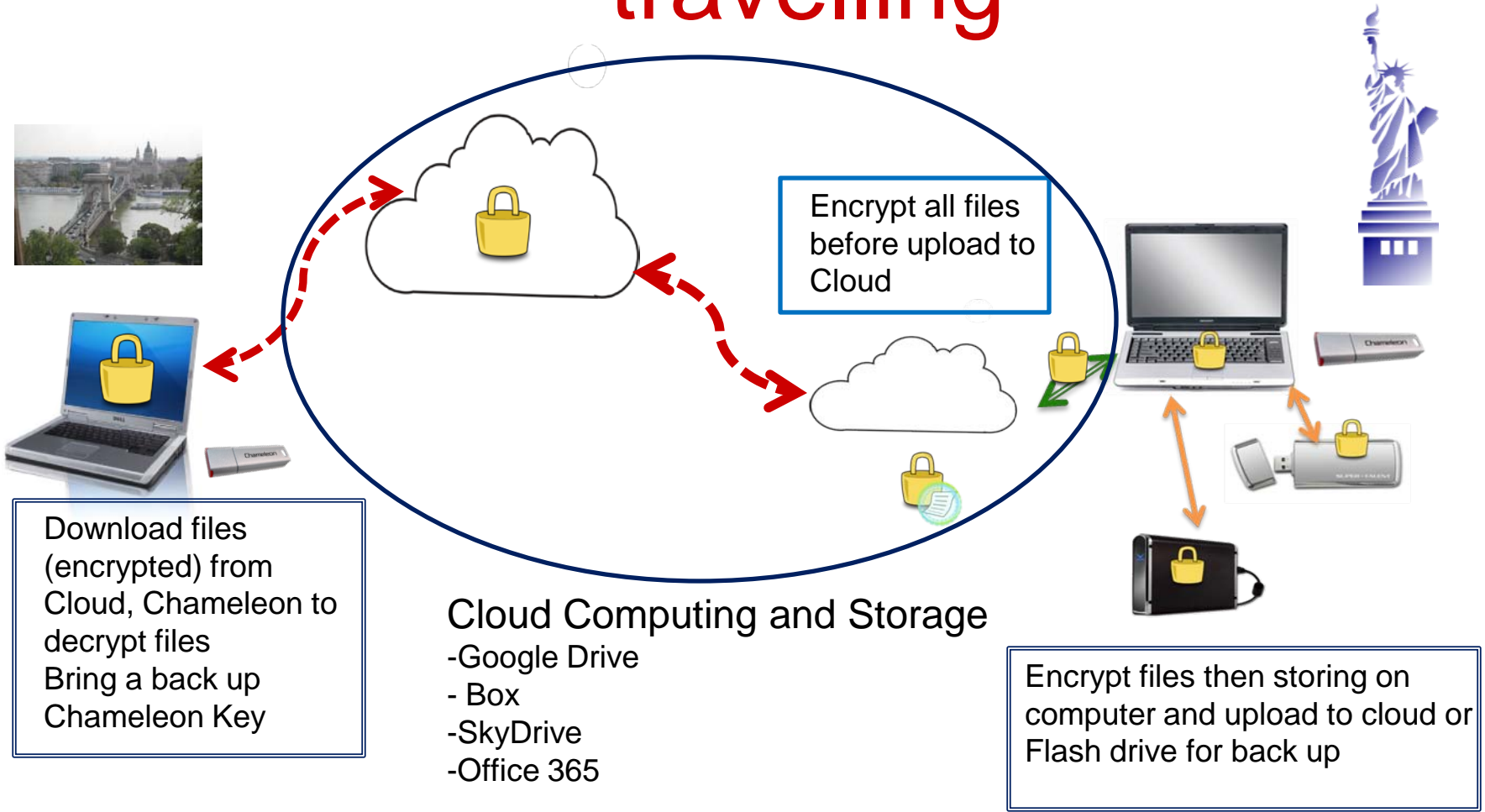


Using Broadcast keys to communicate world-wide offices through Cloud, VPN or Email



Note: User Key B is a Broadcast Key allowing all Key holders to access each other's files

Secure your files when you are travelling

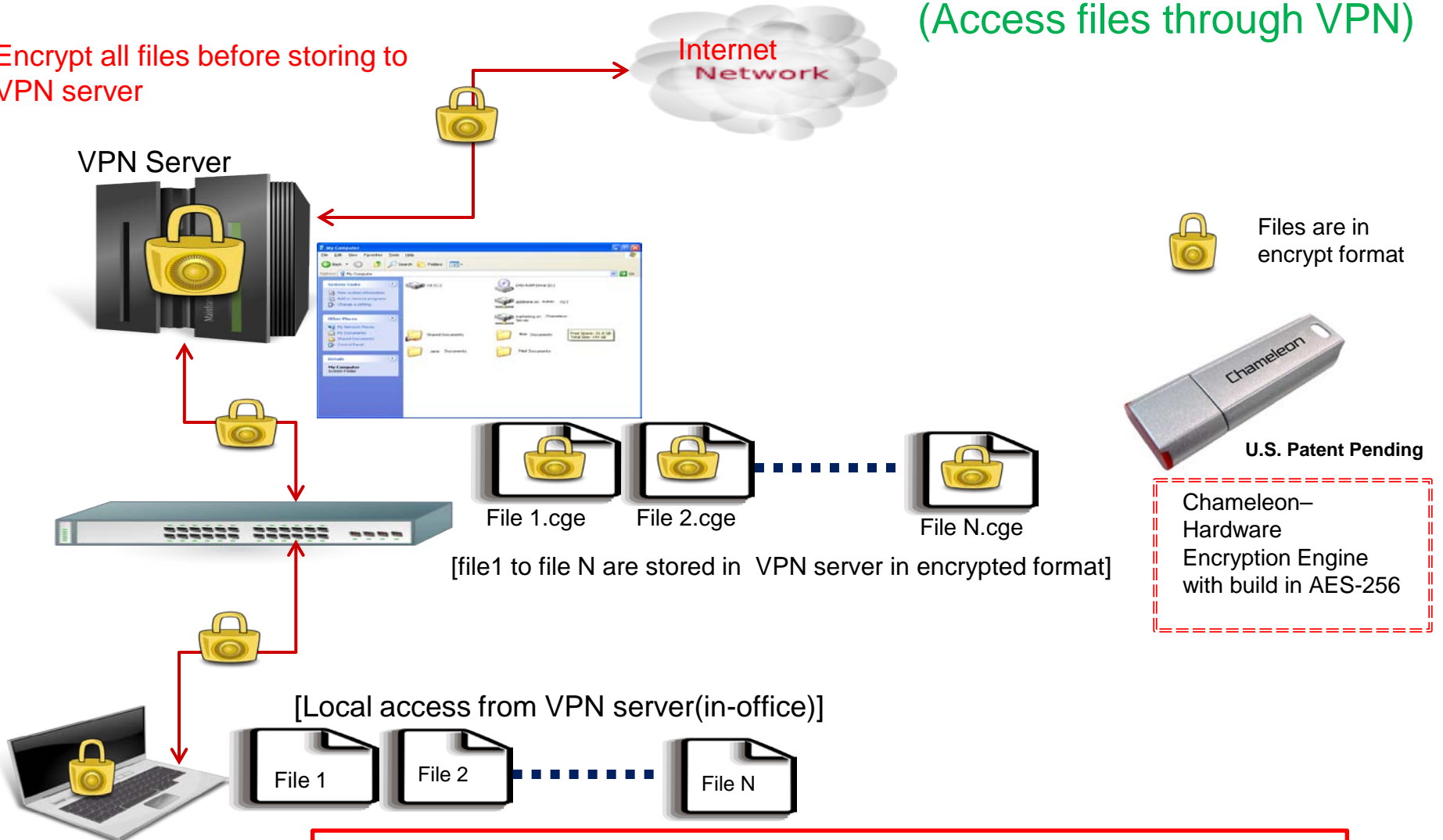


 Files are encrypted by Chameleon and secure.

Secure your files when you are travelling

(Access files through VPN)

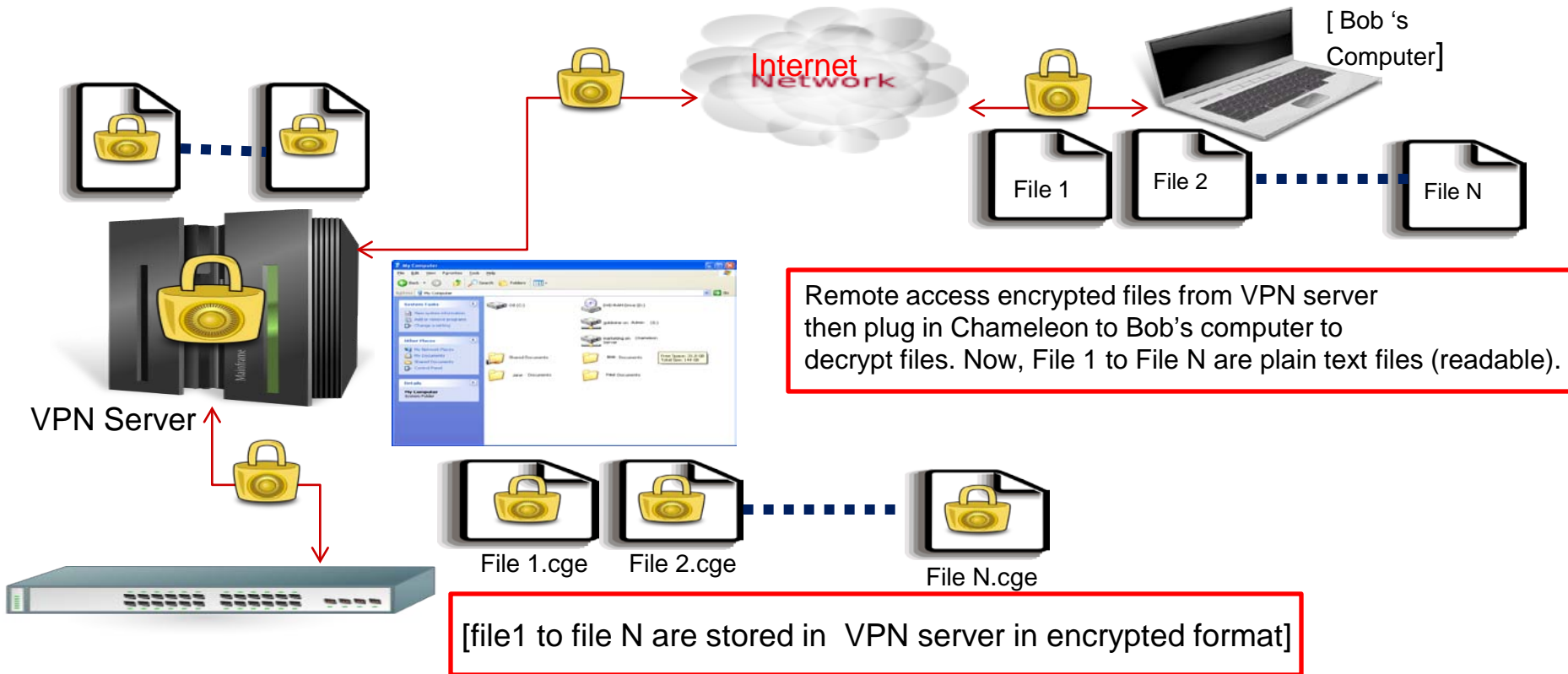
Encrypt all files before storing to VPN server



[Bob's Computer]

1. Chameleon encrypts all files on Bob's computer before sending to VPN server
2. Accessing files from VPN server, all files are in encrypted format, plug in Chameleon to decrypt file 1 to fine N return to plain text form.

Remote Access files from VPN server



Secure Remote access encrypted files from VPN server

1. Accessing files from VPN server, all files are in encrypted format, plug in Chameleon computer to decrypt file 1 to fine N from encrypted format back to plain text form.
2. Using Chameleon encrypts all files on Bob's computer before sending to VPN server
3. Chameleon encrypts single file, multiple files and folders.

Notes:

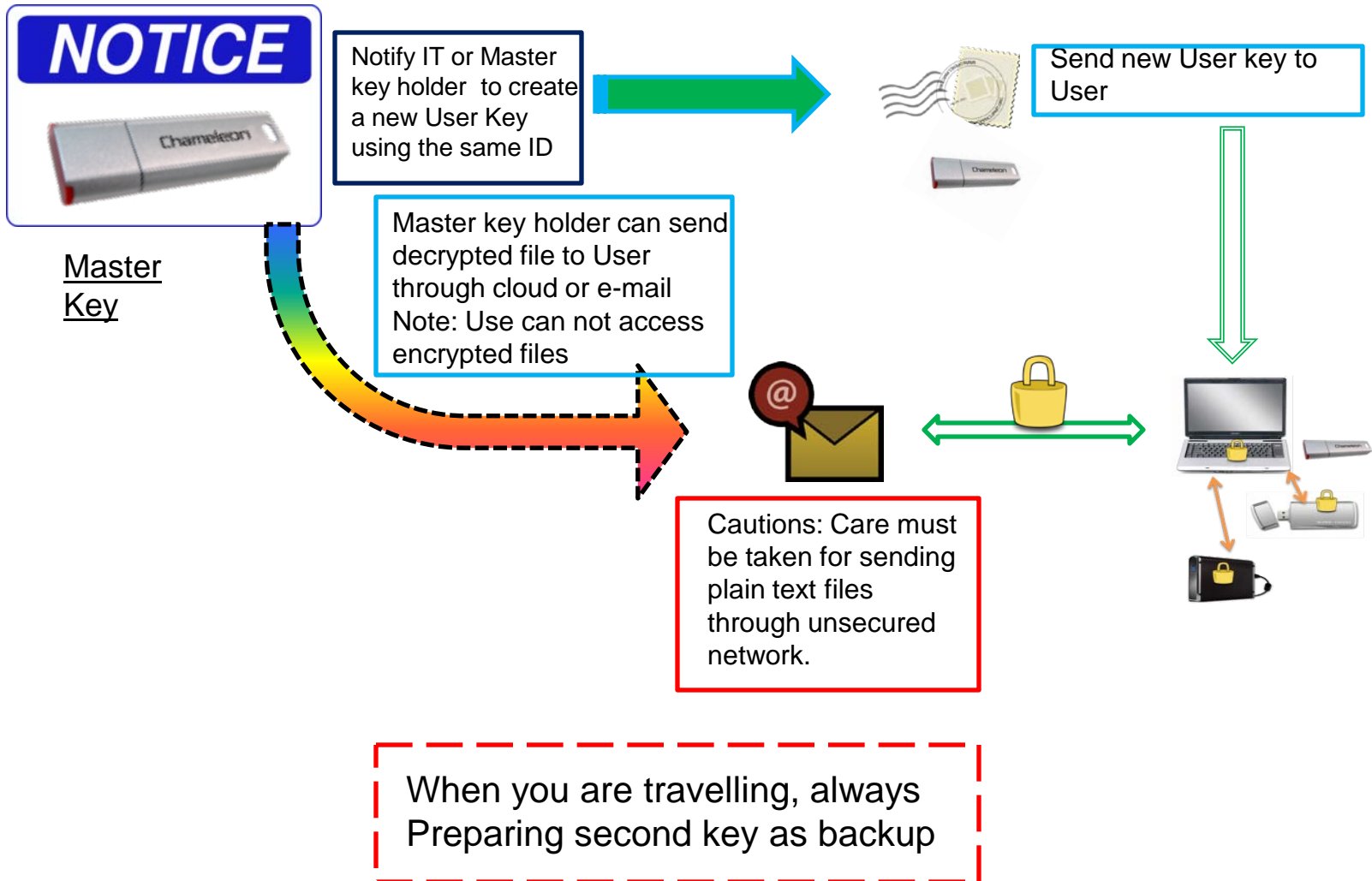
Remote Access files from VPN server

- Use Chameleon to encrypt all files (single file, a group of files or folders) then “save” to VPN server
- Use remote access to download files to your local computers, desktop or notebook and to use Chameleon to decrypt files either from your encrypted drive or plain text folders
- You don't need to plug-in Chameleon to computers to remote access files from VPN server, you do need to plug-in Chameleon to decrypt files that were encrypted by Chameleon

If you lose your User Chameleon

- Admin creates a duplicate User Chameleon
 - Insert the master Chameleon key.
 - Create a user key, enter the user ID, specify if a password is required
 - Unplug the master key then insert a user key
 - The user key will be programmed with the specified user ID
- Locking out the lost Chameleon
 - Insert the master Chameleon key into the PC with the Chameleon drive
 - Select “Change Encryption”
 - Assign a new user ID to the Chameleon drive
 - Chameleons with the old user ID can no longer access the drive
 - The old user keys can re-programmed with the new user ID

If you lose your User Chameleon during travelling?



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