Using a TrueCrypt Encrypted USB Flash Drive

If in any doubt about any part of this process, seek advice from your local IT support, or the IT Services Helpdesk.

This guide describes the steps taken to use an encrypted USB flash drive.

Step 1

Insert your USB flash drive. When you insert your USB flash drive you will notice that it will be assigned a drive letter and be shown in applications and Windows Explorer but you will not be able to access the drive, you must perform the following steps to use the encrypted drive.

Step 2

Launch the TrueCrypt application. Select the drive letter you want your USB flash drive to be assigned, in this case G: and then click the Auto-Mount Devices button. You will only have to do this once each time you use the drive in a different system.



Step 3

Type in the password then click OK.

Enter TrueCrypt Volume Password							
Password:	****	ОК					
	Cache passwords and	Cancel					
	Use keyfiles	<u>K</u> eyfiles	Mount Options				

Step 4

You will see that the USB flash drive has been made available on that drive letter.

📰 Tru	eCrypt								-	×
<u>V</u> olumes	S <u>y</u> stem	<u>K</u> eyfiles	T <u>o</u> ols	Settings	<u>H</u> elp				Home	<u>p</u> age
Drive G: H:	Volume \Device\	Harddisk1\	Partition	1		Size 983 MB	Encryption a AES	lgorithm	Type Normal	
→ J: → K: → L: → M:										
 N: O: P: Q: 										
≪R: ≪S: ≪T:										•
	<u>C</u> reate Vo	olume]		<u>V</u> olume Proper	ties		<u>W</u> ipe C	lache	
Volum	•						•	Select	<u>F</u> ile	
		<u>N</u> ever sav	ve histor	У		Volume <u>T</u> ool	ls	Select D	<u>e</u> vice	
	<u>D</u> ismount		Auto	-Mount De	evices	Di <u>s</u> mour	nt All		E <u>x</u> it	

This can now be accessed via applications and also by Windows Explorer, like any normal drive.

Save As			? ×
Save in: Trusted Templates My Recent Documents Desktop My Documents My Computer My Ny Network Places	 Local Disk (G:) Shared Documents 3½ Floppy (A:) Local Disk (C:) DVD-RW Drive (D:) Removable Disk (E:) Removable Disk (F:) Iccal Disk(G) homes on 'Samba Server Version 3.0.28-0.el5.8 (130.209.17.37)' (T:) My Network Places 	▼ ③ • □ ▲ ▼	
	File name: USB Flash Drive Encryption.docx Save as type: Word Document (*.docx)	1	• •
Too <u>l</u> s 🔻		<u>S</u> ave	Cancel

.

😂 Local Disk (G:)	- 🗆 🗙
Eile Edit View Favorites Tools Help	27
3 • 5) - 🦻 🗈 🏷 🔑 🛄 •	
Address 🖙 G:\	💌 🄁 Go
Folders ×	Name A
🞯 Desktop 🔺	USB Flash Drive Encryption.docx
Hypocuments	
E 31/2 Floopy (A:)	
E Social Disk (C:)	
E S DVD-RW Drive (D:)	
Removable Disk (E:)	
1 objects (Disk free space: 980 MB)	0.98 MB 🛛 🚽 My Computer 🛛 🏸

When you have finished using the USB flash drive you must first dismount the drive from TrueCrypt before removing it from the computer.

📑 Tru	eCrypt									-	. 🗆 🗙
<u>V</u> olumes	System	<u>K</u> eyfiles	T <u>o</u> ols	Settings	<u>H</u> elp					Home	epage
Drive	Volume						Size	Encryptio	n algorithm	Туре	
G G	\Device\	Harddisk1\	Partitior	1			983 MB	AES		Normal	
(
i in the second											
≪>M: ≪>N:											
O :											
See E = 10 million											
≪≥R:											
S: T:											-
	⊆reate Vo	olume			<u>V</u> olume (Properties			<u>W</u> ipe	Cache	
_ Volume	ə										
								•	Select	: <u>F</u> ile	
		<u>N</u> ever sav	/e histoi	ry		Volu	ıme <u>T</u> ool	s	Select [D <u>e</u> vice	
	Dismount		Auto)-Mount D	evices		Di <u>s</u> mour	nt All		E <u>x</u> it	

Select the drive that you wish to remove from the computer then click Dismount.

You may receive a warning if any of the data on the drive is being used by an application; this also includes browsing the contents via Windows Explorer. Close all open documents before dismounting and try again. Forcing a dismount may lead to corrupted data, depending on the application.



Remember that the drive is also mounted by the system and you will still have to remove the USB drive from the system in the usual way, i.e. via the system trays safely remove hardware icon.