ENCRYPTION AND EMAIL SECURITY

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Web development

GIVE A LIST OF SOME OF THE BEST ENCRYPTION SOFTWARE FOR ENCRYPTING HARD DRIVES AND USB KEYS.

TrueCrypt

TrueCrypt is a award winning , open-source encryption program. It includes support for secure hibernation. It might be a bit hard at first. Users who want serious full drive encryption will find it to be a solid program.

DiskCryptor

DiskCryptor is specially designed to encrypt hard-drives, partitions, and external storage devices including USB flash drives. It offers simplified operation and performance advantages over TrueCrypt.

I found a surprising number of DiskCryptor reviews online, and they are all positive.

CompuSec

CompuSec is specifically designed to protect desktops and notebooks, using pre-boot authentication and full hard disk encryption.
Access control requires you to enter your user ID and password before the system will boot up. Free CompuSec is free to use.
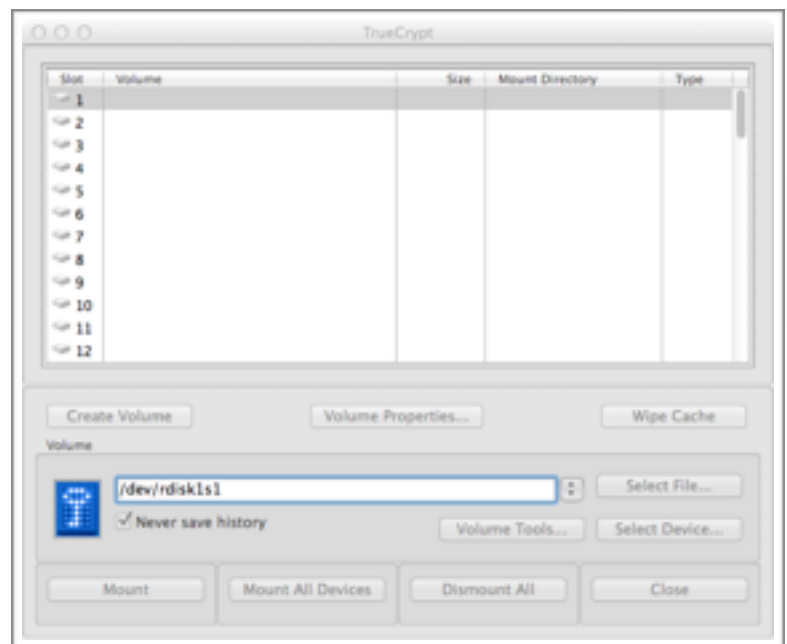
Show how you would use one of these software packages to encrypt your hard drive and also a USB key.

TrueCrypt (Note below is a usb drive. As a hardrive would have taken 15 hours. I said this to you)
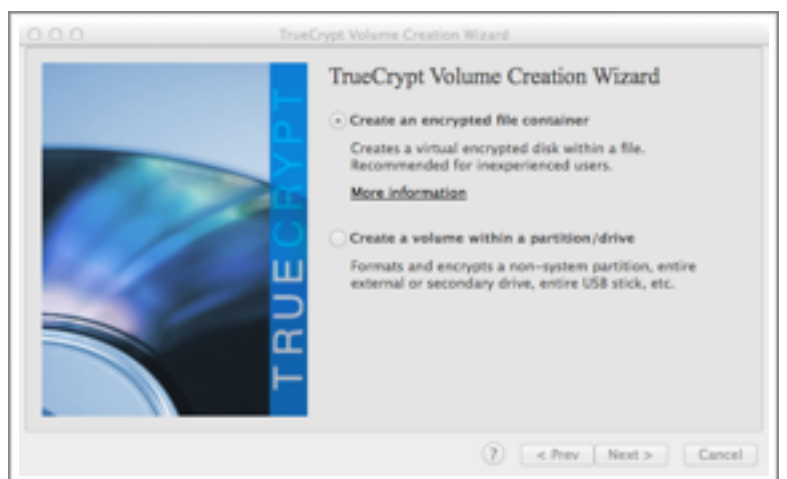
Step 1:

Select Mount

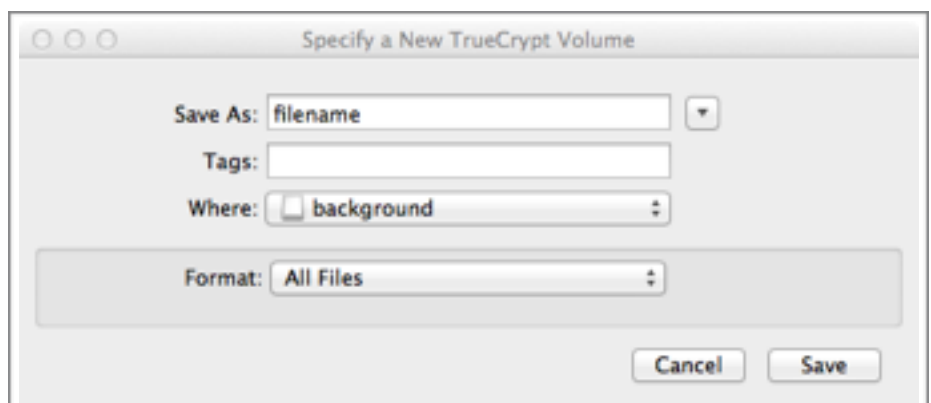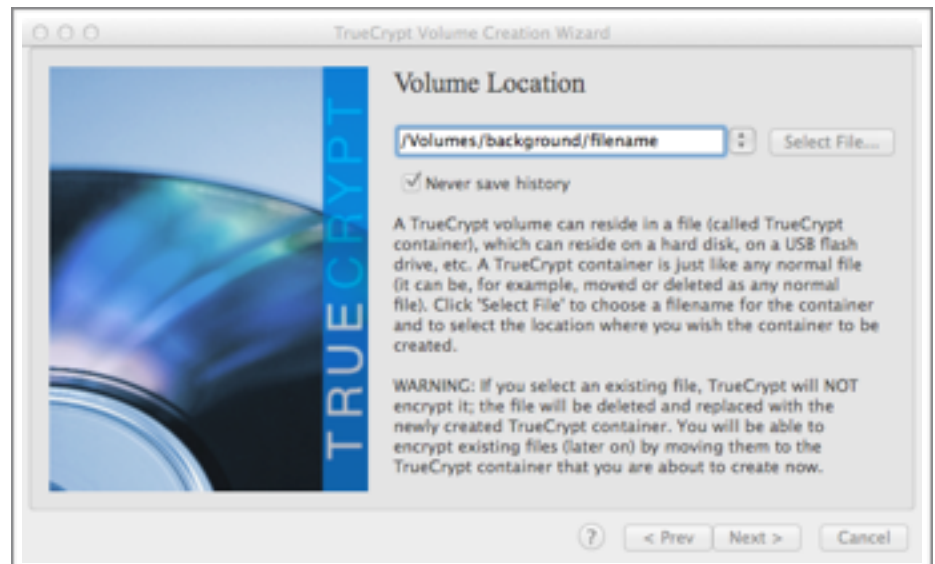
Step 2

Select create an encrypted file container

Step 3

Select filename and click save

Step 4

Click next and pick the file or usb stick you want to encrypt.

Step 5

Select the encryption alrgothims, you want to use.

Step 6

Select the size of the encryption.

Step 7

Click next and input a password for your file.

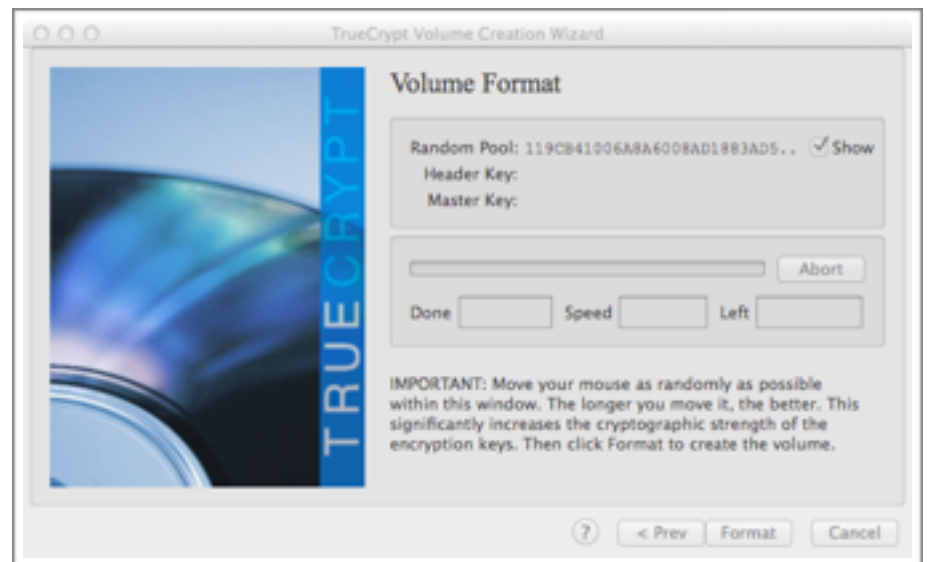## Step 8

Click the file system types. And click next.

Step 9

Choose Cross-Platform Support you want to use. Click next
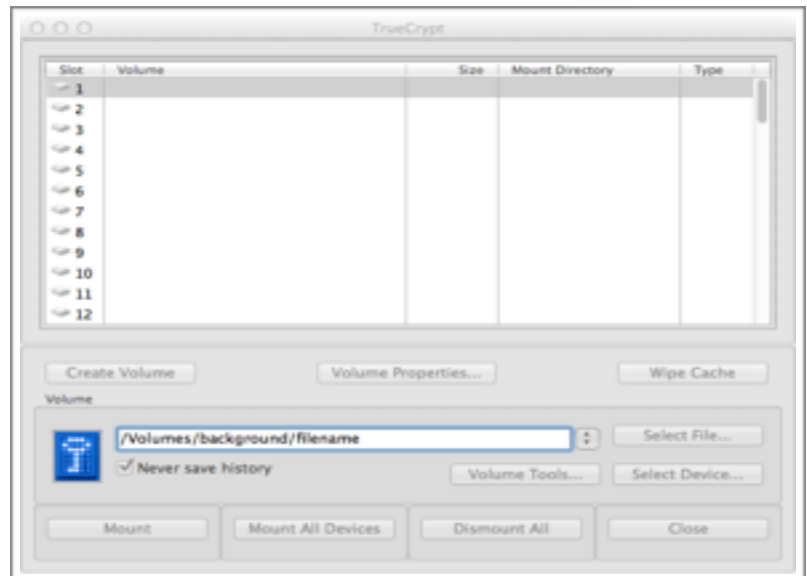
Step 10
Click Format

Step 11
Wait for it to finish encrypting.

Step 12

Click finish, then click mount and enter your password. The usb is open to view and when finished click dismount.

Research various email encryption software, both paid and freeware.

Infoencrypt

Infoencrypt is a free, web-based service for easily securing your messages. Simply enter the text of your message and the encryption password that will be used for both encryption and decryption. The program encrypts your message using a strong encryption algorithm, making it secure to send to users.

SafeGmail

SafeGmail is a free extension for Google Chrome that allows you to send encrypted emails to anyone using gmail. The messages are encrypted and decrypted within the browser and remain encrypted in both the sender's and receiver's email inboxes. The messages automatically expire after a random amount of time.

Trend Micro Email Encryption Client

Trend Micro Email Encryption Client is a plug-in for Microsoft Outlook that enables secure, confidential and private email communications between you and any of your Outlook contacts.Trend Micro Email Encryption Client ensures that no one except you and your recipients can read your encrypted email messages and attachments.

Show how you would use one of these software packages to send an encrypted and signed message to one of your classmates.
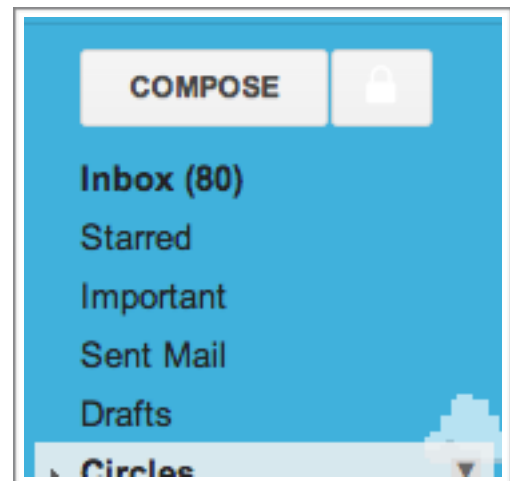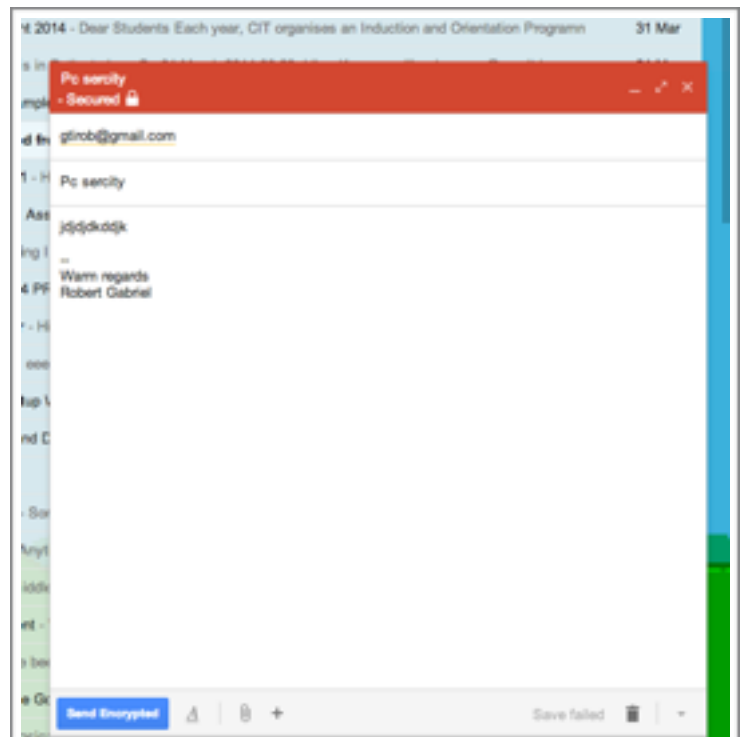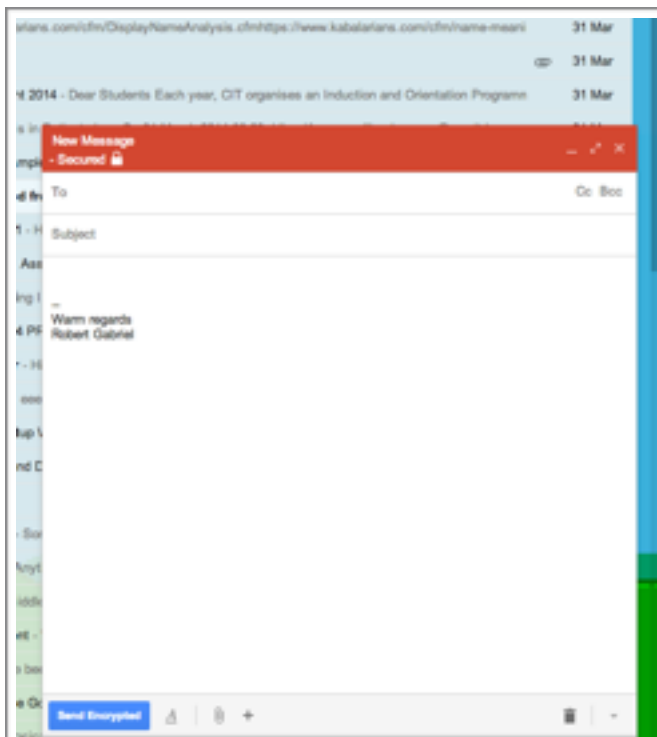
SafeGmail

Step 1:

Install safe Gmail though the Google chrome app store.
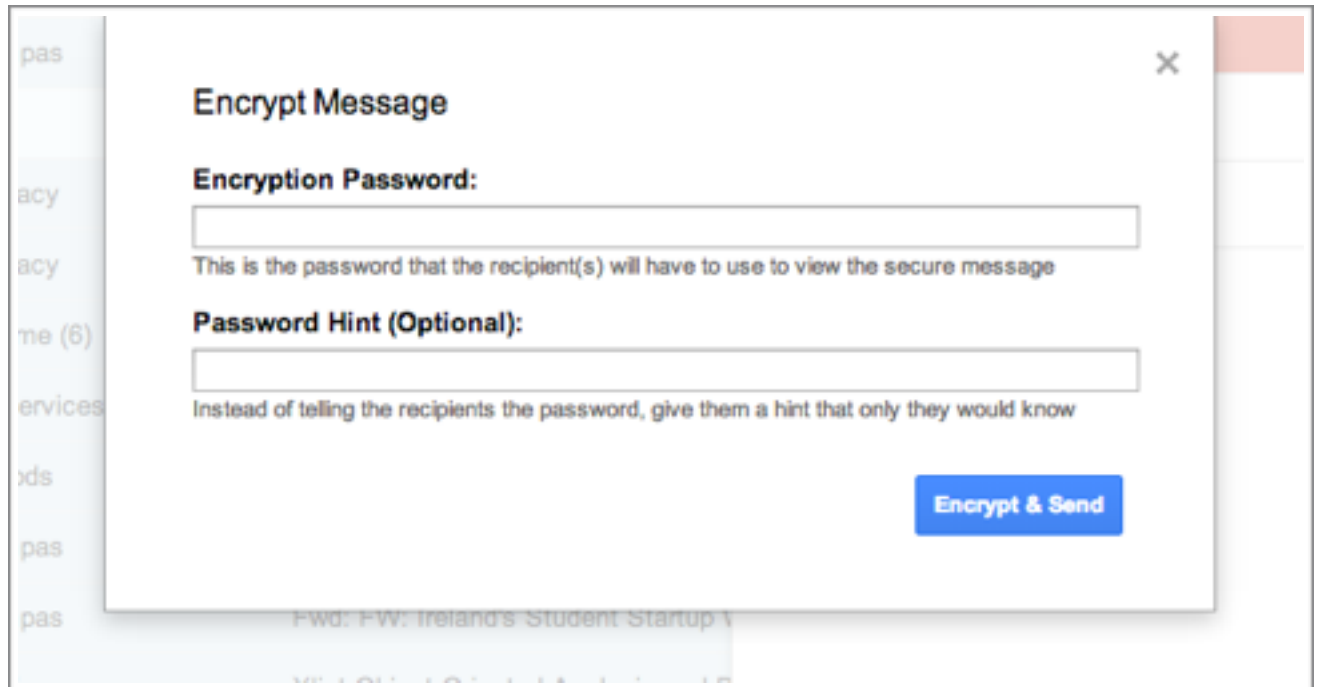
Click the log pad next to compose message

Step 2:

Type your message, and who you want to send the message too.

Step 3:

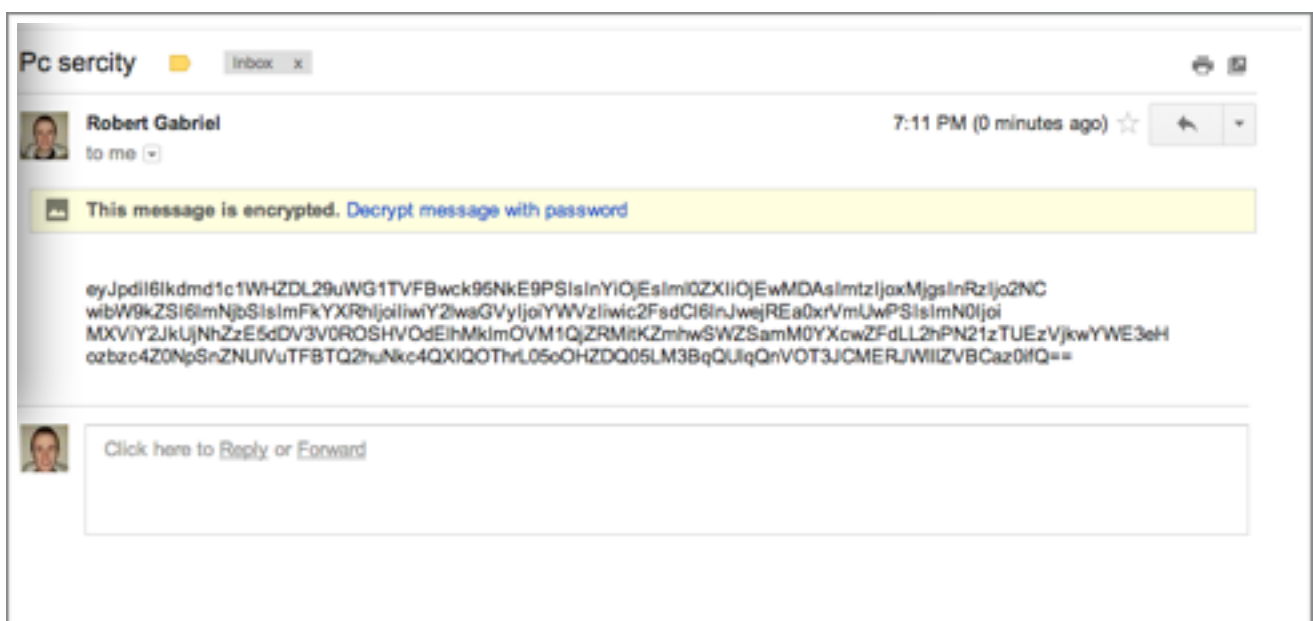Clicks send, and the password you and the person you want to send to. Enter this password.

Click Encrypt and send.

Step 4:

This is what the person receives.

It's all encrypted. Click decrypt message and input the password.

Step 5:
Finished