

## 1 Introduction

The package `lsga-secure` comprises a program for securing, by encryption, all the files and folders that you want to protect from strangers, and decrypting them when you want to modify them. You simply place every file and folder that you want to secure into the one default folder.

It runs on any Linux and OpenBSD computer with suitable encryption/decryption and file-deletion programs. After installation you enter a passphrase to protect your data. This should be a memorable sentence in any language, the longer the better — but never forget it: you cannot recover your encrypted data if you do. This passphrase is used from then on, and you should choose the same one if you install the package on other computers, because you might transfer the secured files between computers.

## 2 Installation

To install the system on your computer, follow these steps as an ordinary user.

- Point your mouse at a terminal icon on the Desktop and click it to open a terminal.
- Type these three commands (after each `$` prompt, then press ENTER key).
- `$ wget linuxlsga.net/lsga-install` (to get the latest installer for Linux), or  
`$ wget linuxlsga.net/openbsd/lsga-install` (to get the installer for OpenBSD.)
- `$ chmod +x lsga-install` (to make the installer executable.)
- `$ ./lsga-install secure` (to get and install the secure package from our website.)

Respond to the prompts as they occur. Don't forget to press ENTER afterwards.

## 3 Using the Program

When installed, drag the files and folders you want protected into the folder named `secure` in your home directory; then type any of these commands after the prompt (`$`) in a terminal emulator:

`secure` (which prints the program options and secure folder status.)

`secure store` (which encrypts all your files and stores them in one file.)

`secure restore` (which decrypts all your files from the stored file.)

`secure update` (which checks for the latest version of the program on our website, fetches it, verifies that it was created by the LSGA and has not been tampered with, and installs it.)

Use at your own risk for experimentation. Check later to see if changes have occurred.

---