

Secure data on DropBox with BoxCryptor

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BoxCryptor uses AES-256bit algorithm to encrypt data, the encryption process will not affect the backup and synchronization of data, as well as the storage capacity, this application works very well in the background Windows platform and good protection for data on DropBox.

In addition, an advantage of the AES-256bit encryption method is that it is compatible with EncFS system files so the data encrypted by BoxCryptor is fully viewable on Linux and Mac OS.

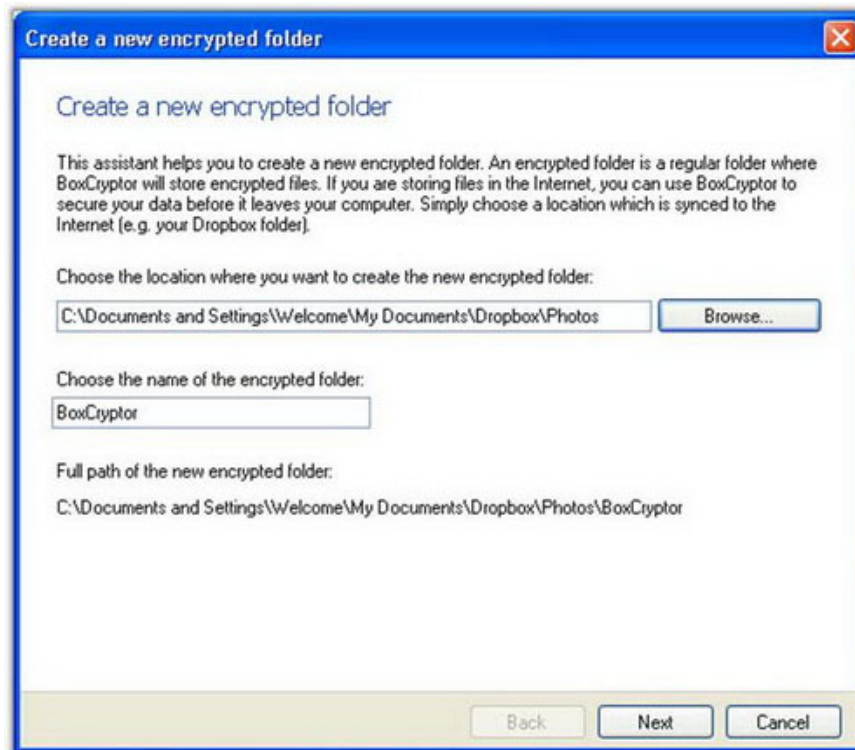
The BoxCryptor home page has three versions : *Free, Unlimited Personal, Unlimited Business* for you to choose from. For the free version, you can encrypt folders up to 2GB in size and create a virtual drive. Two paid versions allow unlimited data encryption and support many advanced features.

To use it, download the software **here** . The article will introduce BoxCryptor features in the free version, 3.15MB of installation file size.

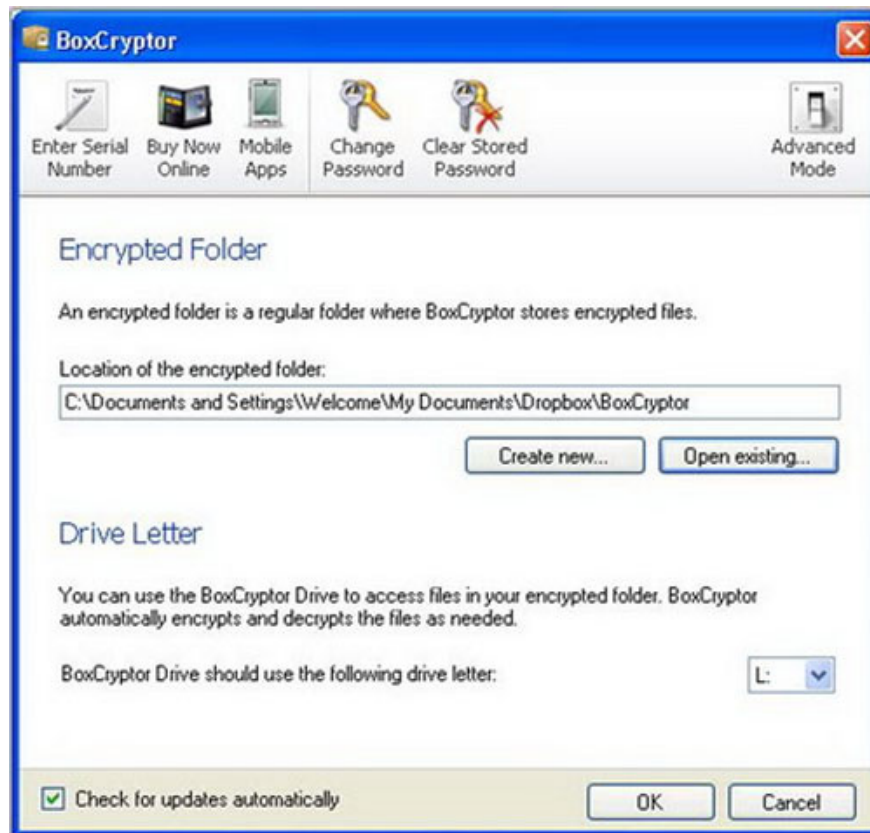
Installation use

During the installation process, BoxCryptor will ask to create a new data security folder. In the *Welcome to BoxCryptor* dialog box, check the *Create a new encrypted folder box* and click **Next** . Next, click the **Browse** button to browse to the drive or folder to create a secure folder, enter the folder name below the words *Choose the name of the encrypted folder* , default to **BoxCryptor**.

* **Note** : The BoxCryptor folder needs to be in the Dropbox directory system.



Go to **Chosse the drive letter**, select *the drive letter* in the *Chosse the drive letter of BoxCryptor* line. The **Create a password** step is quite important because it makes the data safe, no one can see it (except for you) even if you have login information to your Dropbox account, you enter the password into two *Password* and *Confirm* boxes , length of at least 6 characters including symbols and numbers.



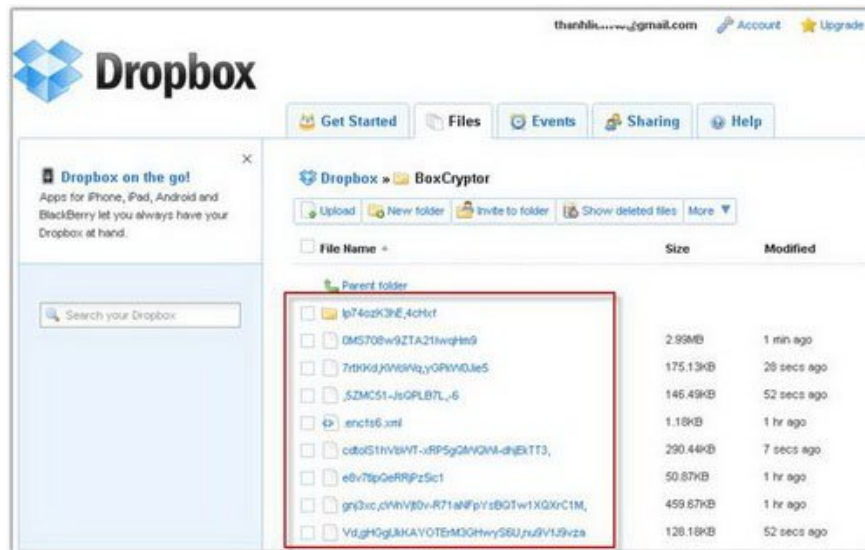
At the last step, you can click the *Create a backup of my configuration file* button to create a backup xml file of the program's settings.

To check the settings during the installation, right-click the lock icon in the system tray (next to the clock), select **Show BoxCryptor**. You can change the settings in *Encrypted Folder*, *Drive Letter*, *Change Password*.

If at the time of setting the data protection password, select the *Remember this password* feature (the feature is selected by default), then click **Change Password** to remove this option. Removing this option enhances security, because if someone gets into your computer, when BoxCryptor saves the password, the BoxCryptor software will no longer work.

Sync encrypted data with DropBox

After the installation is complete, Windows Explorer appears with a drive and a folder called BoxCryptor in the Dropbox folder. You can proceed to copy your important data to the drive, for example, BoxCryptor (L :). Files and folders in this drive will be encrypted and updated quickly to Dropbox's BoxCryptor folder. Now, in the directory the data (including files and folders) is encoded into a series of characters including alphanumeric, very complicated.



Data has been encrypted on Dropbox thanks to BoxCryptor

When using another computer, you let the data sync process between that computer and Dropbox complete. You start BoxCryptor and select *Open an encrypt folder*, browse to the **.encfs6.xml** file during installation to open the created settings.



BoxCryptor version for mobile

In addition, BoxCryptor has a free version for mobile devices, but it only supports reading files in encrypted folders on Dropbox. After installing BoxCryptor on the device, the program will ask you to log in to your Dropbox account and enter the password you set to decrypt the encrypted files.

* **Note:** There are two rules in the process of using BoxCryptor: do not copy data to the BoxCryptor folder because the files and folders copied here will not be encrypted; Do not delete the .encfs6.xml file in the BoxCryptor folder because it is considered a key to opening data in BoxCryptor.

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