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How secure is our member data?

Security is Essential

Every day there is some item in the news about a data breach. No one wants sensitive, private, or personal data to be accessed, exposed, stolen, or shared without authorization. Most data breaches happen when data on a website is compromised. Donarius keeps all data on your computer but protecting your data is still essential. So Donarius has the option of encrypting all donor and donation files. Those files will be encrypted on your computer and also on your backups.

Encrypting your Data

Your data will be encrypted with your administrator password, using a quantum proof encryption method. Since there is no *backdoor* means of decrypting your files it means it is critical to never forget or lose your administrator password. Since it is so important, you will have the option of saving the password on our server. Your password will be saved in an encrypted format. This is a free service so that you will always be able to recover your data. Your administrator password is also stored in a Donarius file in an encrypted format that can be decrypted only by knowing your password in the first place. i.e. when a user signs into Donarius, the software encrypts the password they gave using the same password as the encryption key. If that encrypted version matches what is saved in the file then the user gave the correct administrator password and is allowed to access the software.

Encryption Facts

As quantum computing advances, one day many of the encryption methods in use today (such as RSA) will be broken. Many of those methods rely on Shor's Algorithm which a quantum computer can quickly break. We use a method that does not use Shor's Algorithm, so having a quantum computer won't help an attacker. It also means there is no *backdoor* means to decrypt your files without your administrator password. Even a brute force method of trying each password, would require millions of years. All of this means your data is secure but you also have to make sure you don't lose or forget your administrator password.

To setup encryption in Donarius, do this:

1. Go to the **Setup** menu and choose **Users…**
2. For the administrator settings enter a password.
3. Put a checkmark on **[ ] Encrypt Data Files**
4. You'll be asked if you want your password to be saved on our server in case you ever lose or forget it. This is because your files cannot be recovered without your password. Choose what you want to do. If you choose not to save your administrator password, you'll be responsible for keeping track of it.
5. Click the **Save** button.
6. Your files will now be encrypted.

If you change your administrator password the encryption on your files will be changed to use the new password.

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Sources:

https://www.donarius.com (Accessed Nov 9, 2026)

https://www.donarius.com/Help/hs225.htm (Accessed Nov 9, 2026)