

User Account Control and BioEx Software

What is the User Account Control (UAC)?

On Windows Vista, 7 and 8 Microsoft implemented the UAC. By default it is activated on these operating systems. With the UAC on any write made to the Program Files or any of its subdirectories will be redirected to directories unique to the current user.

What does that mean, how does that affect my BioEx Software?

If you install your software to the default directory under the Program Files folder any changes made by the user or the program to the database and/or the configuration file will only be for that user and will not be reflected on any user account.

What are some of the common issues that are caused by this?

Users do not see the same data or end up pointing at a local database, unique to their account, not the network database. Data is not shared properly. In some cases the users are forced to register multiple times or may receive configuration errors.

How can I fix this issue? (Any of the three options below will fix the problem)

1. Turn Off the UAC on the Computers
2. Install your BioEx Software to a directory that is not under Program Files
3. Make sure the default configuration file is correct so all user accounts get the correct information. This step primarily fixes the problem for network installs.
 - a. Install your software and register the program. Start the program and go to File/Settings (or User/Settings) and push Alt-Z. Verify that the database and picture path are correct (in most cases they should be pointed at a network drive). See below if they are incorrect to fix:
 - i. Go to `c:\users\\appdata\local\virtualstore\program files\bioex\ (Note <username> is the username of the person logged on and <install directory> is the directory where you installed your software.) (Note: appdata is hidden by default you will have to show hidden files and folders to see this directory.)`
 - ii. Open the `bioex.ini` file. Modify the `DBMPath` and `PicPath` to be the correct path, make sure the path ends with a `\`. (i.e.
`DBMPath=\\myserver\bioex\exp6\`
`PicPath=\\myserver\bioex\exp6\`)

- iii. Verify that there is a line that begins with Serial. If there is not restart the program and register again. When you reopen the file there should be a line that begins with Serial.
- b. Go to c:\users\\appdata\local\virtualstore\program files\bioex\

Note: If a user has tried to start the program without a valid configuration file an invalid file will be created under their profile. Until this file is deleted the user will not pick up the correct configuration file. To delete go to c:\users\\appdata\local\virtualstore\program files\bioex\

Note: All path information is given for a 32 bit machine. If your machine is 64 bit please replace all references above to Program Files with Program Files (x86).

Exercise Pro V6 Note: If you are always prompted to enter the database, new users are always prompted to enter a registration code, or you do not see pictures when you search we recommend you edit the bioex.ini in the users virtual store (see step 3a), fix the DBMPath and PicPath to be valid paths that end with a \ (i.e. DBMPath=\\myserver\bioex\expro6\
PicPath=\\myserver\bioex\expro6\). Test the software. Once that is done and it works follow the step 3b, paying attention to the first Note, to fix your problem.