

USING PEARL WITH THE WINDOWS VISTA OR WINDOWS 7 OPERATING SYSTEM

Summary: Before opening Pearl for the first time, you must change the Owner and set Write permissions for C:\Windows\System32 and C:\Windows\Help folders on each workstation. Other Word, Access, operating system or printer settings may also need to be changed for Pearl to work correctly.

Contents:

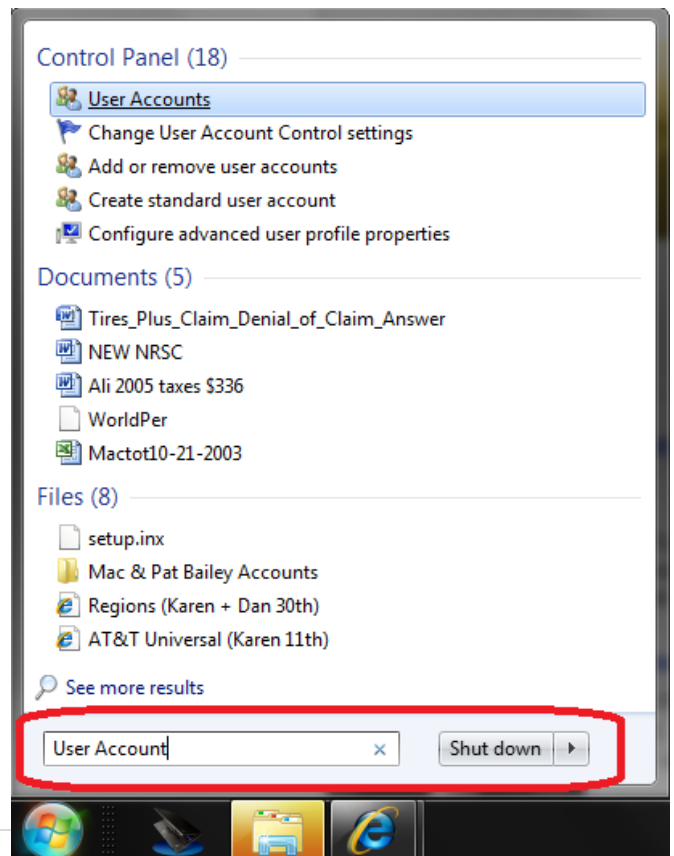
- A. Windows 7 users **must** turn off UAC to make the changes.
- B. Vista users can proceed directly to the section on changing the folder owner.
- C. Once folder ownership is changed, folder permissions must be changed.
- D. Vista users can proceed directly to the section on enabling macros.
- E. Reconnect Pearl to security file if applicable.
- F. Check code references in Pearl.
- G. Test Pearl functionality with UAC off.
- H. Once Pearl opens correctly, Windows 7 users **must** turn UAC back on.
- I. Test Pearl functionality with UAC back on.
- J. Windows Vista printer setup tip

WINDOWS 7 USERS ONLY - TURN OFF UAC (WINDOWS VISTA USERS CONTINUE TO NEXT SECTION)

The first step for you is to turn off the UAC (User Account Control) setting. It is EXTREMELY important that you remember to turn this back on as soon as you have completed the rest of the steps described in this document. To turn off this control:

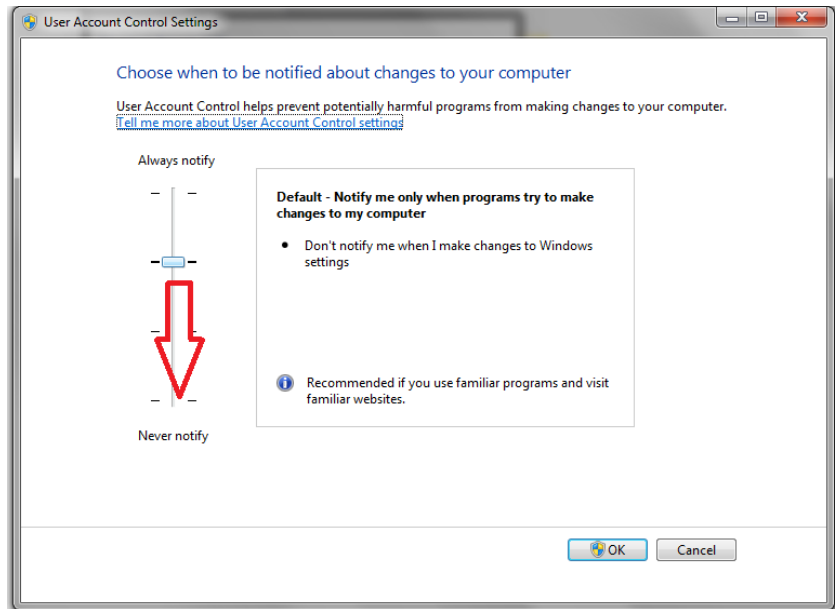


1. Click on the **Start** button in the lower left corner of the start bar on your computer:
2. In the **Search** box, type **User Account**; You should see a list display that looks something like the screen example below.
3. Pick the **Change User Account Control Settings** option



4. Slide the **Notify** button from the mid-position down to the **Never Notify** position. Click the **OK** button.

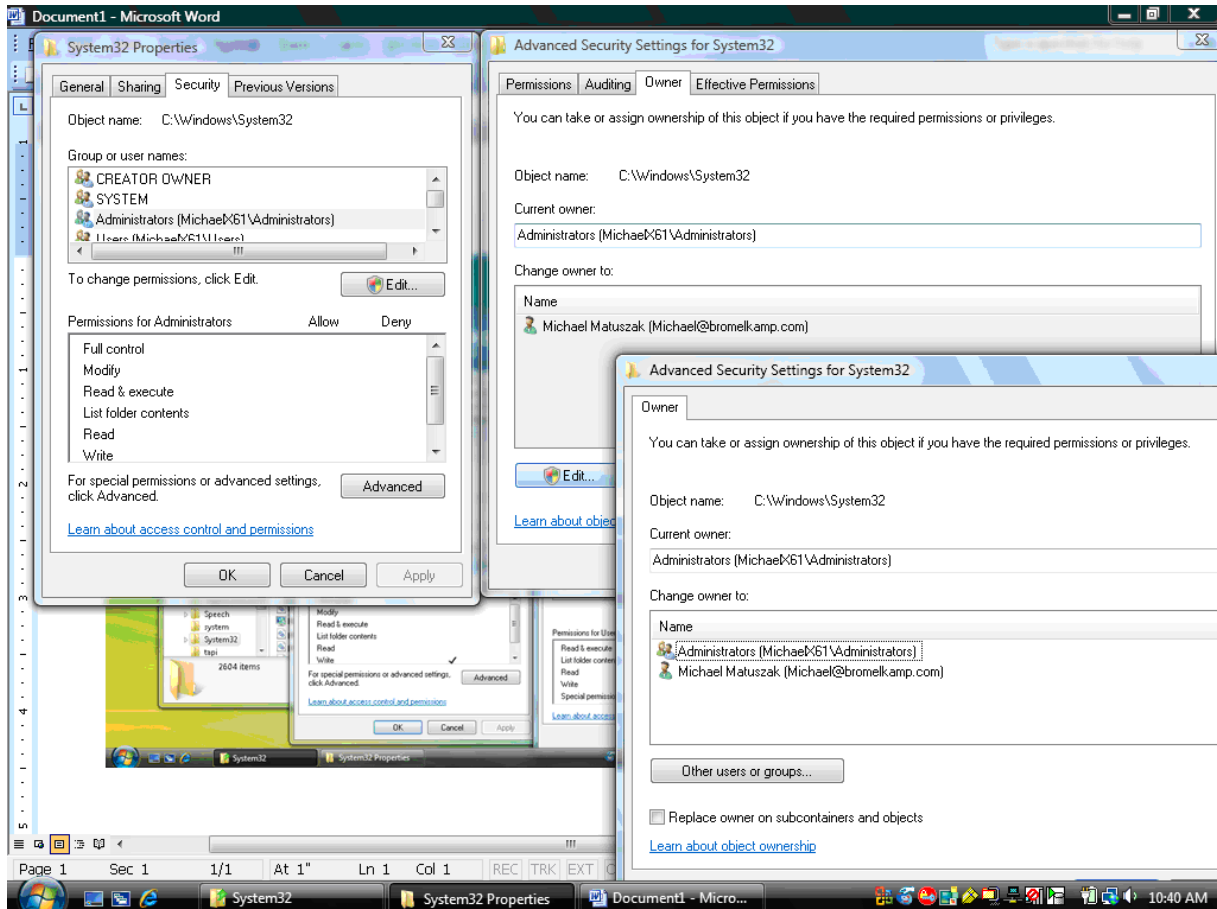
5. **Reboot your computer.** Then continue on with the rest of this document.



SET THE ADMINISTRATORS GROUP AS OWNER OF SYSTEM32 FOLDER AND HELP FOLDER

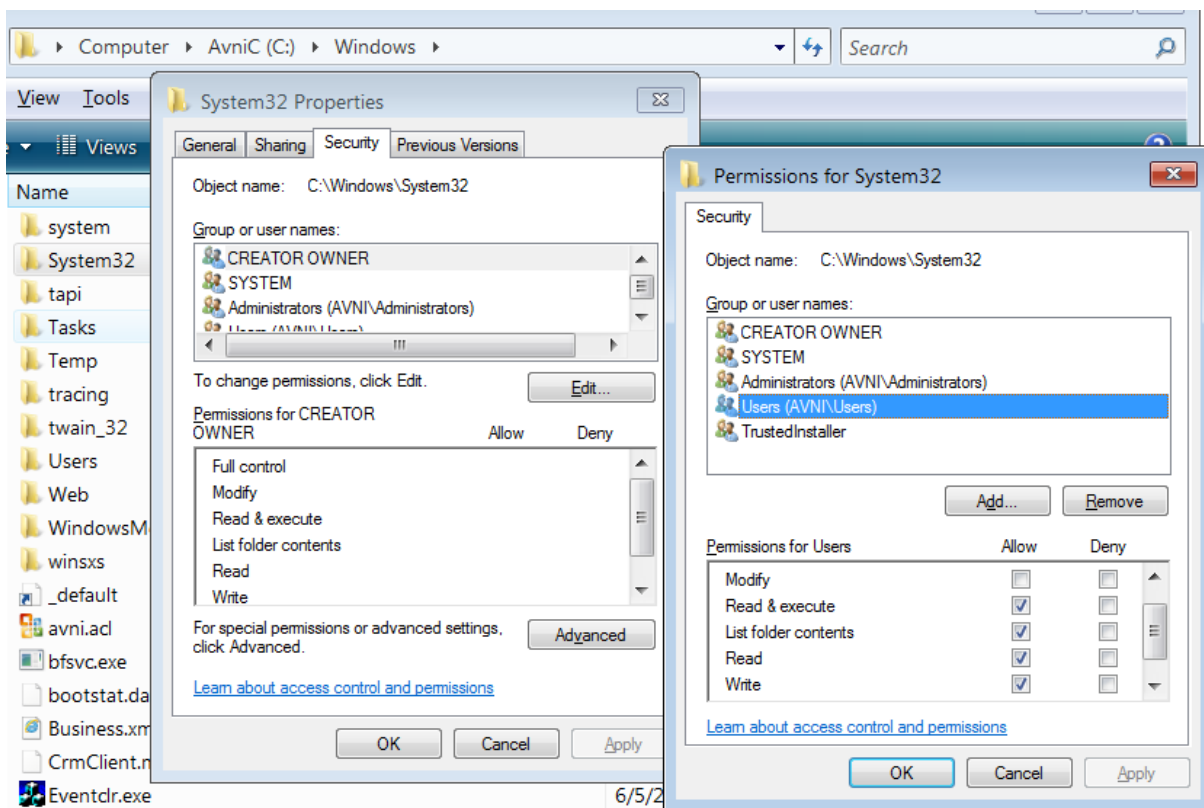
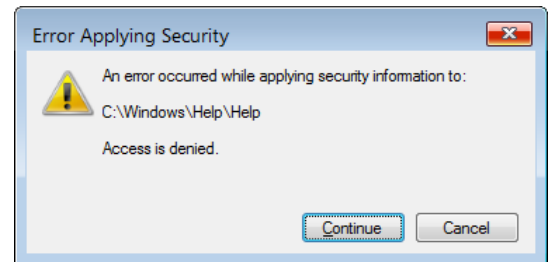
IMPORTANT: Later in this document you will be instructed to turn the UAC back on. It is imperative that you do not forget to do this once the following changes have been made.

1. Be sure you are logged on to the workstation as an **Administrator**.
2. Go to **Start > Computer**.
3. Navigate to **C:\Windows**.
4. Right-click on **System32** and select **Properties**.
5. In **System32 Properties**, click on the **Security** tab.
6. On the **Security** tab, click the **Advanced** button.
7. In **Advanced Security Settings** for System32, click on the **Owner** tab.
8. **Current owner** should be **Administrators**. If not, Change owner to Administrators and click **Apply**. If Administrators is not on the Change owner to list, click **Edit** and click on **Other Users or Groups** to add it to the list.
9. When you have assigned the **Administrators** group as the owner, close **all dialog boxes** for System32.
10. Repeat these steps for **C:\Windows\Help** as well.



CHANGE PERMISSIONS FOR THE USERS GROUP FOR THE SYSTEM 32 FOLDER AND HELP FOLDER

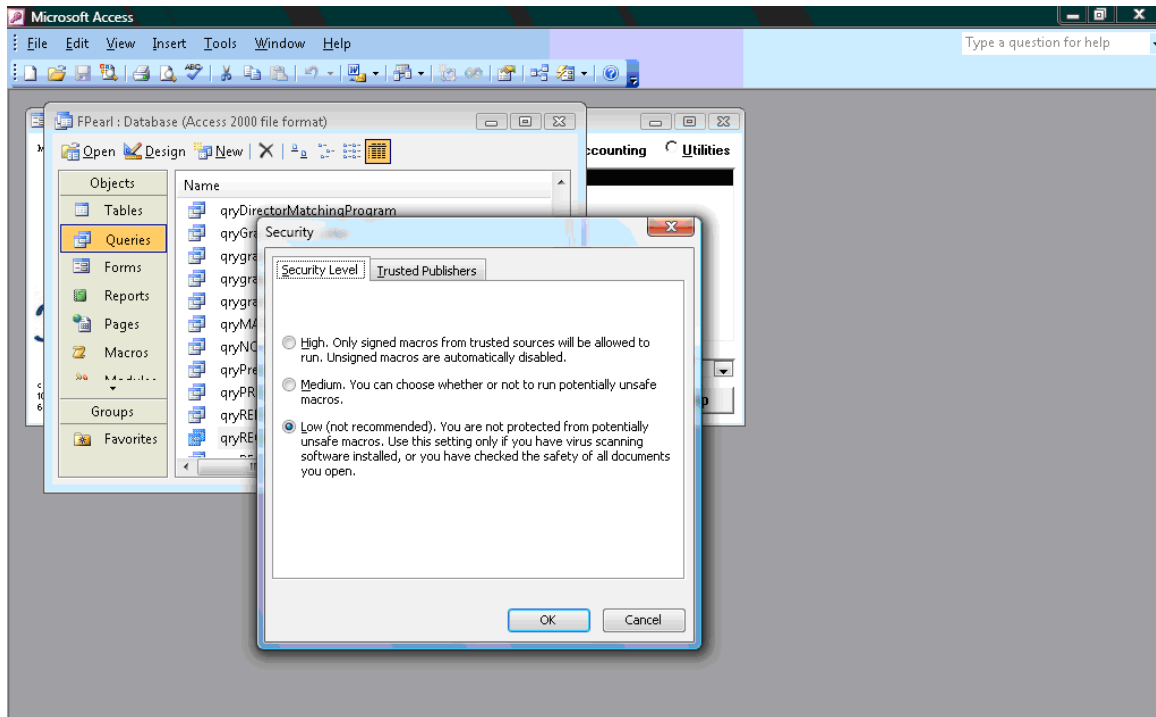
1. Be sure you are logged on to the workstation as an **Administrator**.
2. Go to **Start > Computer**.
3. Navigate to **C:\Windows**.
4. Right-click on **System32** and select **Properties**.
5. In **System32 Properties**, click on the **Security** tab.
6. On the **Security** tab, click the **Edit** button.
7. In **Permissions for System32**, select the **Users** group and be sure **Read & execute, List folder contents, Read and Write** are all checked (you may need to scroll down to see Write). Click **Apply** and then click **OK**.
8. Windows may display a Windows Security warning. Click **Yes**.
9. Windows may display Error Applying Security messages. Click **Continue** on all messages (you may hold down the Enter key on your keyboard to move rapidly through multiple messages if necessary).
10. Repeat these steps for **C:\Windows\Help** as well.



SET THE MACRO SECURITY LEVEL TO LOW IN MICROSOFT ACCESS

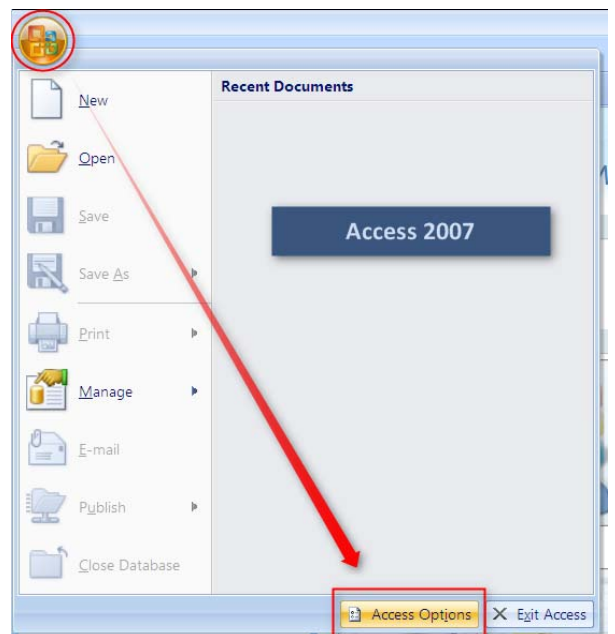
IF YOU ARE USING ACCESS 2003:

1. Open Access 2003 without opening Pearl.
2. In the **Tools** menu, select **Macro: Security**.
3. Change the setting from **Medium** to **Low**.

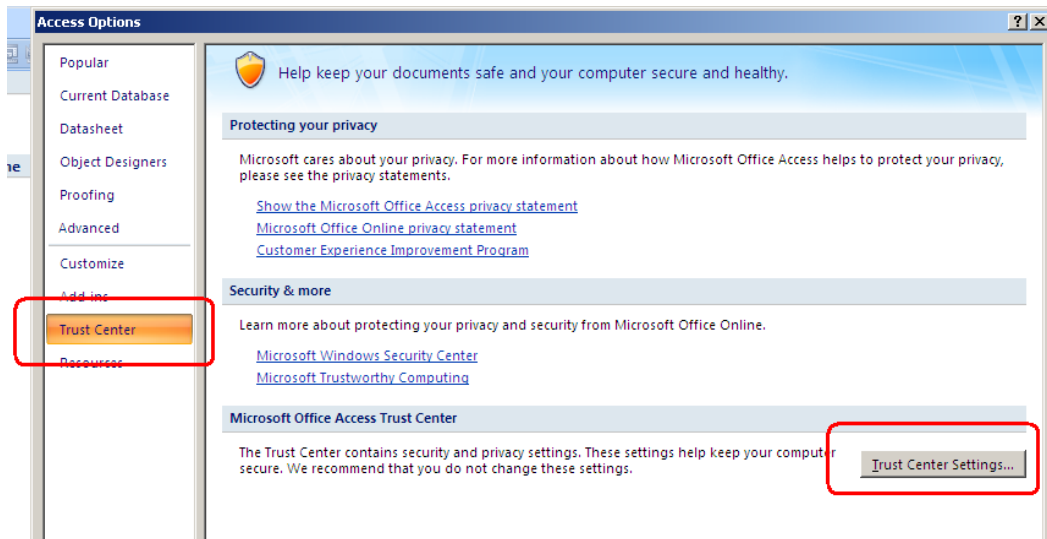


IF YOU ARE USING ACCESS 2007 OR ACCESS 2010:

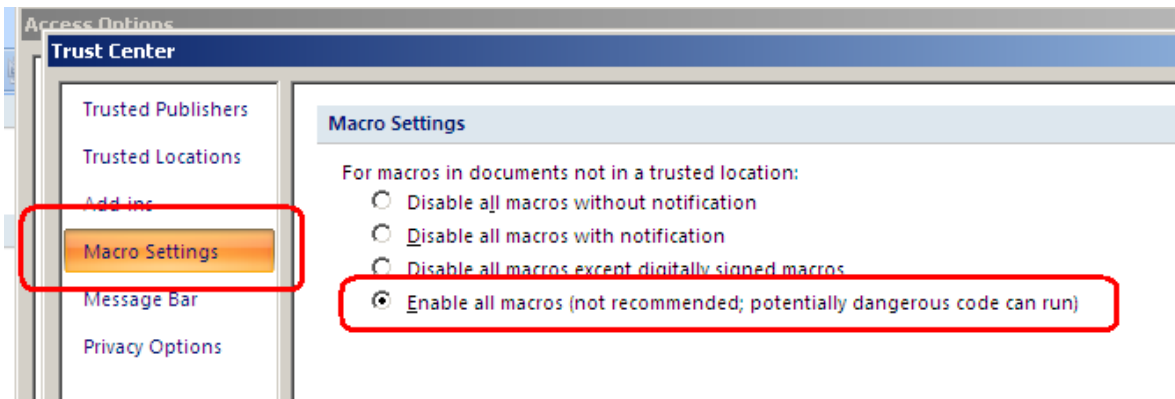
1. Open **Microsoft Access** without opening Pearl.
2. Open **Access Options**
 - a. For Access 2007 - Click on the **Office Button** in the upper left corner, then click on the **Access Options** button.
 - b. For Access 2010 – Click on the **File Tab** on the left side of the screen, then select **Options**.



3. Select **Trust Center** and click on the **Trust Center Settings** button



4. In **Macro Settings**, select 'Enable all macros'



5. Click **OK** twice to close the Trust Center and Access Options menus and save the changes

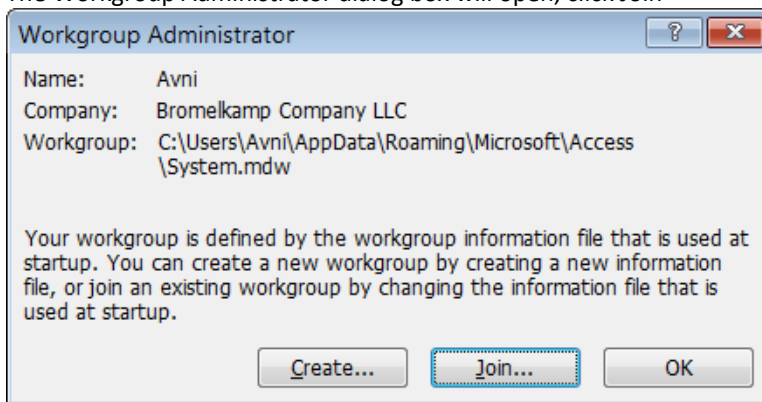
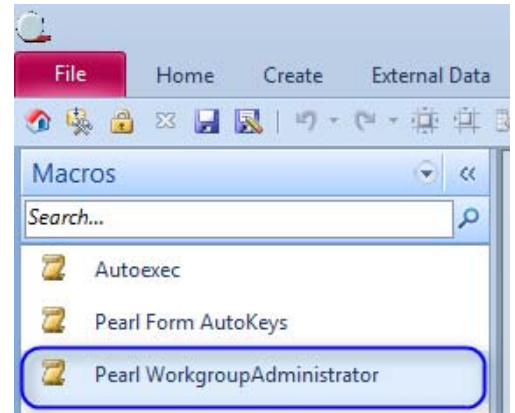
RECONNECT USERS TO THE WORKGROUP FILE (IF APPLICABLE):

Pearl users will become disconnected from Pearl.mdw any time they open an Access database and the Pearl.mdw file is not available. Common situations include:

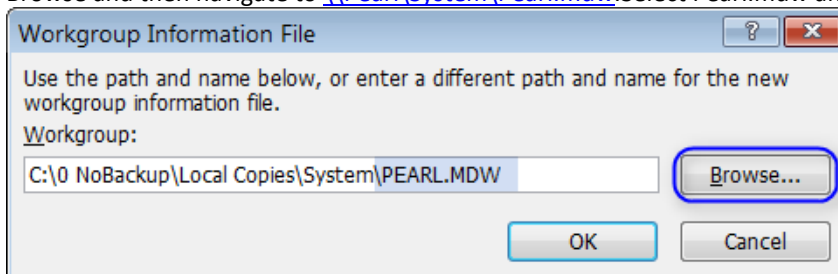
- Working on an off-line copy of Pearl at home over the weekend.
- Changing/installing Windows or Office on the computer.

Steps to reconnect to workgroup for each user:

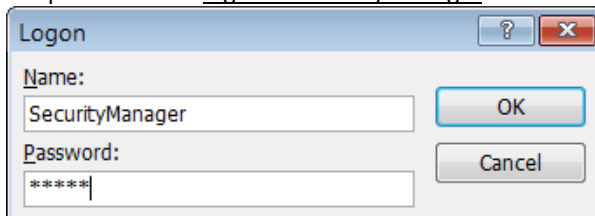
1. Press F11 to reveal the Navigation Pane.
2. Scroll down to the Macros
3. Find the macro Pearl WorkgroupAdministrator. Double-click on it.
4. The Workgroup Administrator dialog box will open, click Join



5. Browse and then navigate to <\\Pearl\System\Pearl.mdw>. Select Pearl.mdw and click Open.

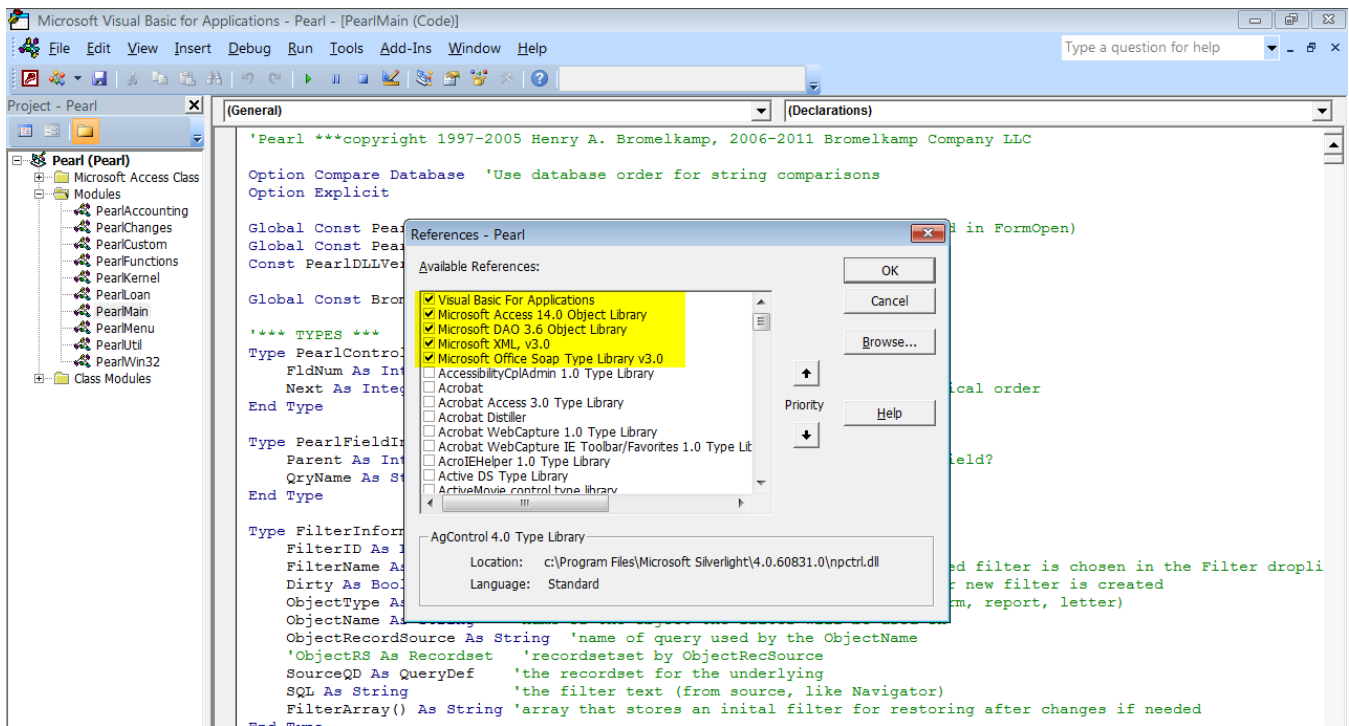


6. Click OK. You should get a message that you have successfully joined the workgroup.
7. Reopen Pearl and log in as SecurityManager so that Pearl can copy necessary files to the workstation.



SET CODE REFERENCES IN PEARL

1. Open Pearl exclusively – you must be the only person in the Pearl Database to make these changes.
2. Press **Ctrl+G** to open the code window.
3. In the **Tools** menu, select **References**.
4. Set references to include only (and in this order – use Priority arrows to change order)
 - Visual Basic for Applications.
 - Access 2003 Users: Microsoft Access 11.0 Object Library.
Access 2007 Users: Microsoft Access 12.0 Object Library.
Access 2010 Users: Microsoft Access 14.0 Object Library.
 - Microsoft DAO 3.6 Object Library.
 - Microsoft XML , v3.0. *It is very important that XML v3.0 be selected and **not** version 2.0.* You may need to scroll down the list of references to find Microsoft XML, v3.0.
 - Microsoft Office Soap Type Library 3.0. *To install this reference, please download and install the latest Pearl update from the Software Updates page on the Bromelkamp website.*



TEST PEARL FUNCTIONALITY (WINDOWS 7 USERS: UAC IS STILL OFF AT THIS POINT)

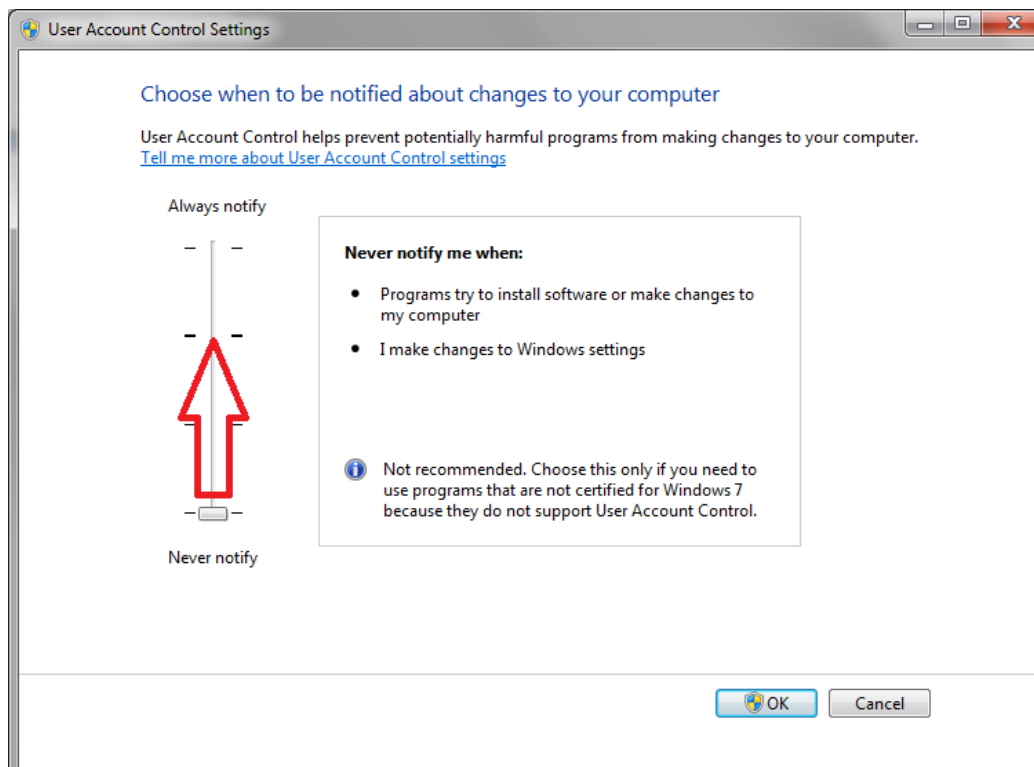
1. Open Pearl
2. If applicable, the user should login with their own Pearl username and password (type over SecurityManager)
3. Test your usual tasks, which may include data entry, reports, accounting, etc.
4. If you have any difficulties with Pearl, please reference the additional information on the remaining pages of this document.
5. Please contact Bromelkamp Support if you need assistance at (877) 767-6703 or support@bromelkamp.com.

FOR WINDOWS 7 USERS ONLY – TURN UAC ON (WINDOWS VISTA USERS CONTINUE TO NEXT SECTION)

The last step for you is to turn the UAC (User Account Control) setting back on. It is EXTREMELY important that you remember to turn this back on as soon as you have completed the rest of the steps described in this document. To turn on this control:



1. Click on the **Start** button in the lower left corner of the start bar on your computer:
2. In the **Search** box, type **User Account**; You should see a list display that looks something like the screen example below.
3. Pick the **Change User Account Control Settings** option
4. Slide the **Notify** button from the **Never Notify** position back up to the mid-position (**Notify me – Only when Programs try to Make changes to my computer**). Click the **OK** button.



5. Reboot your computer.

TEST PEARL FUNCTIONALITY WITH UAC ON

1. Open Pearl
2. If applicable, the user should login with their own Pearl username and password
3. Test your usual tasks, which may include data entry, reports, accounting, etc.
4. If you have any difficulties with Pearl, please reference the additional information on the remaining pages of this document.
5. Please contact Bromelkamp Support if you need assistance at (877) 767-6703 or support@bromelkamp.com.

PRINTER SETUP TIP

You may find that you are unable to add a network printer in Windows Vista. Instead, create a local printer using a Local Port with the name [\\machine\printshare](#). For example, in our office, this was [\\hpserver\OKIC7350](#).