

iBoardTouch - IWB - Tech Doc - Permissions For All Users

This tech note describes how to enable the IWB application to be accessible by all users under Windows 7 Profession.

The document pertains to clients who have Standard user accounts (i.e. non-Administrator) on the PCs running IWB.

On installations where there is only a single, administrator user these steps are not required. However should any users be added then these steps will become necessary if that user needs to access IWB.

If a user runs this software and is prompted for the Administrator password then the steps in this tech note must be performed.

The central cause of this is Windows User Account Control (UAC), which imposes a strict security model on applications that access certain system resources. Unfortunately UAC cannot be configured on a program by program basis; it operates globally.

Simplest Approach - Disable UAC

The easiest way around this issue is to disable UAC. Customers often do this anyway, and where they require additional security tend to do so via security policy approach.

1. Disable UAC - necessary for this non-windows certified software.
2. Install as local administrator
3. Register the software as a normal staff user.

Workaround With UAC Enabled

The following notes describe how to set up IWB application to accommodate UAC. It is important to note that for this to work, after completing the steps the Administrator and standard user will have to run the program together the first time. In other words when each user starts the application for the first time, the Administrator will need to be on hand to key in the password. The credentials are saved (securely) so, on subsequent runs thereafter the admin credentials do not need to be re-entered and the user will be able to run the application without the Administrator's input.

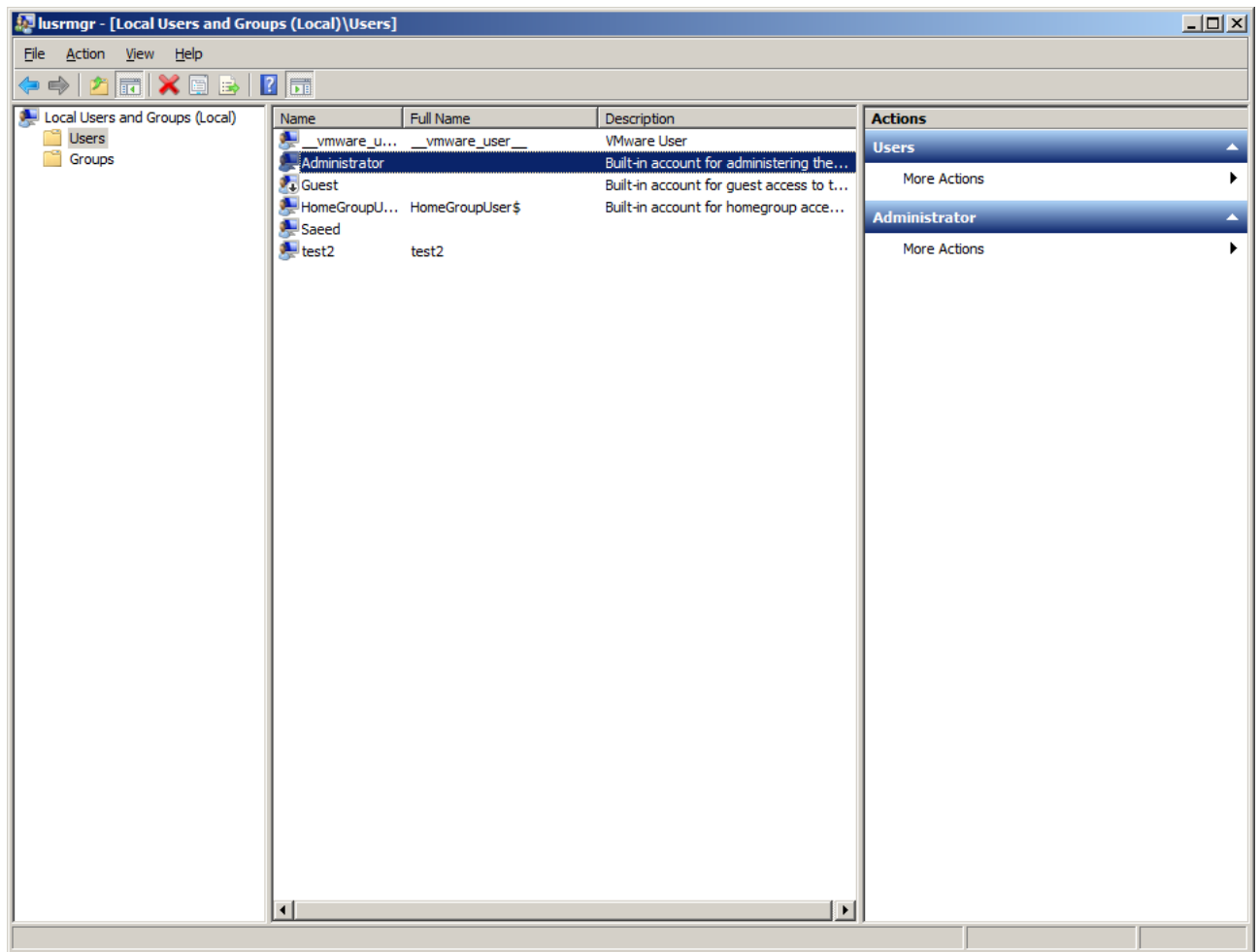
1. Enable The Built-In Administrator Account

The Built-in Windows 7 "Administrator" account must be enabled. Although Windows 7 allows accounts with Administrator rights to be created, for this to work requires the built-in account to be enable.

Press **Start** and in the text box type **lusmgr.msc**.

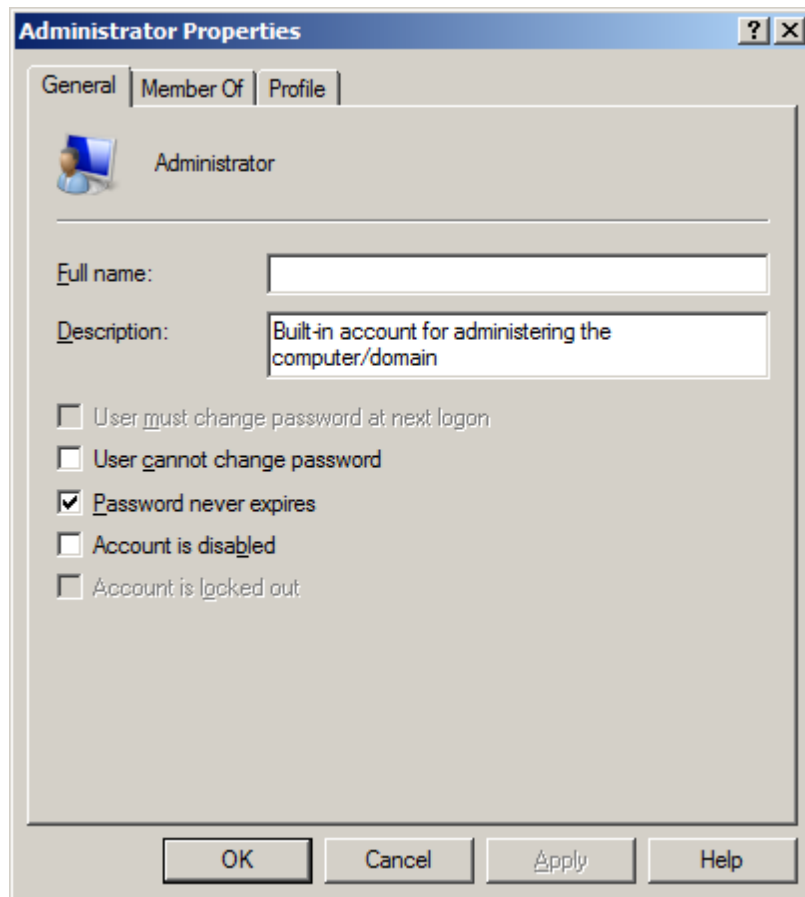
The **lusmgr.msc** program should appear in the programs list.

Right click this and select "**Run As Administrator**".



When the Window appears, select "Users", then the "Administrator" user.

Right click and select "Properties".



Uncheck the "Account is disabled" box to enable the account.

Log out, and the Windows 7 Login Screen will now show Administrator as a user.

Login as this user.

Set the password using the [Control Panel/User Accounts and Family Safety/User Accounts/Change Your Password](#).

Set an appropriate password.

2. IWB Shortcut Creation

Start Windows Explorer

Click [Organize/Layout](#) and enable "Menu Bar" - the menu toolbar should appear.

Click [Tools/Folder Options](#).

Click the [View](#) tab and select "[Show hidden files, folders, and drives](#)".

Click OK.

This will enable the Public Users Desktop to be seen by the Administrator user in Windows Explorer.

In Windows Explorer navigate to "[C:\Users\Public\Desktop](#)".

In the folder's file pane right click and select **Create Shortcut**.

Type the following in "**Enter the location of the item**" text (all one line):

C:\Windows\system32\runas.exe /user:%computername%\Administrator /savecred "C:\Program Files (x86)\iBoardTouch IWB\iBoardTouch IWB.exe"

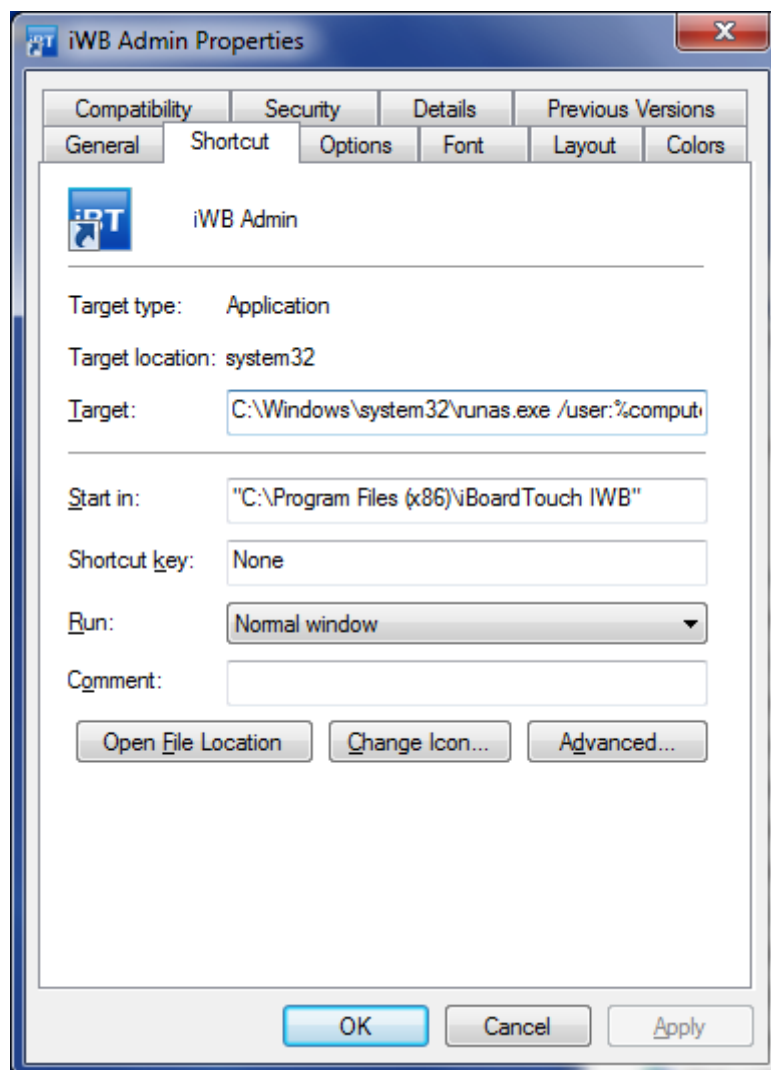
Name the shortcut "**iBoardTouch IWB All Users**" (or whatever else you wish it to be called).

Click OK.

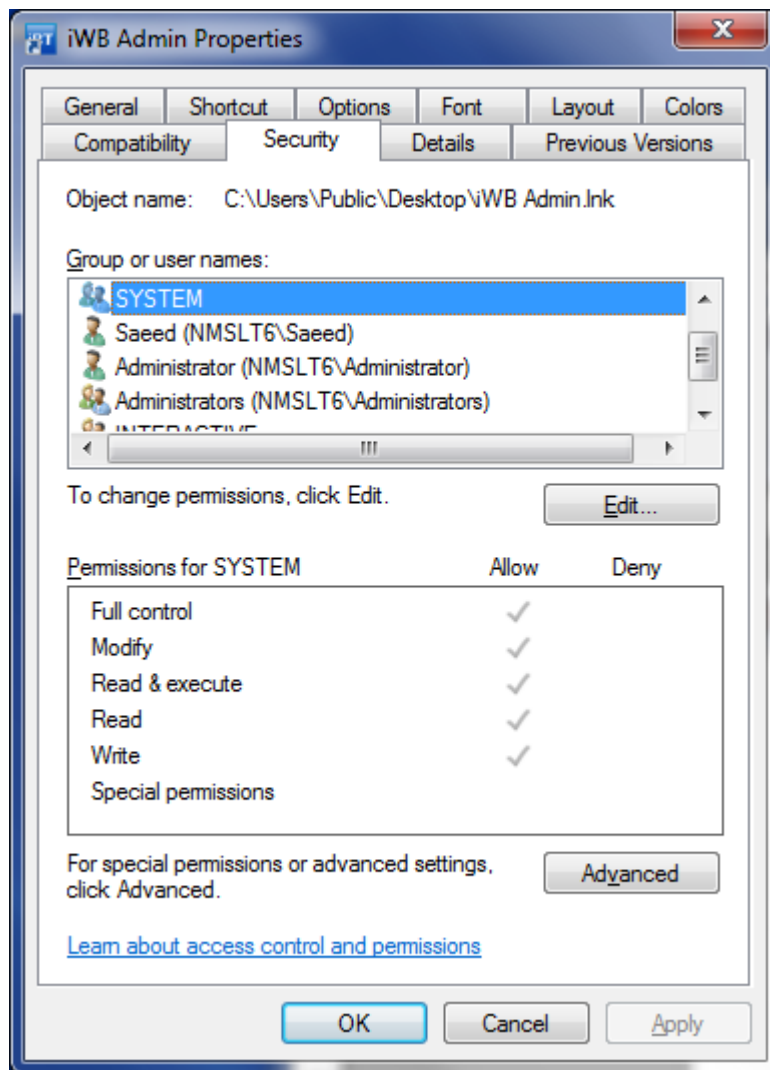
Right click the new shortcut and select "**Properties**".

Change the **Start in** folder to "**C:\Program Files (x86)\iBoardTouch IWB**".

Click "**Change Icon**" and in the Window navigate to "**C:\Program Files (x86)\iBoardTouch IWB**" and select the **ibt.ico** file.

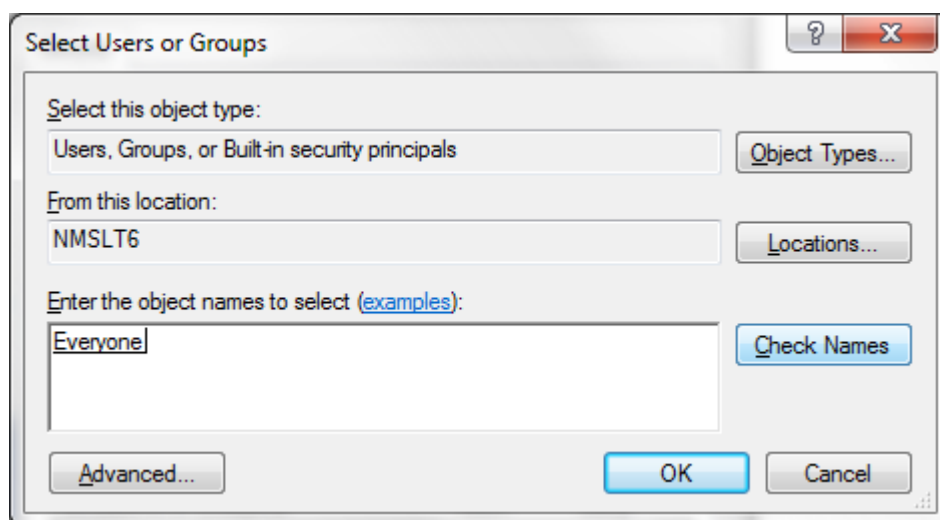


Back in the shortcut properties dialogue, click the **Security** tab, and click "**Edit**" to open the "**Permissions for iBoardTouch IWB All Users**" dialogue.



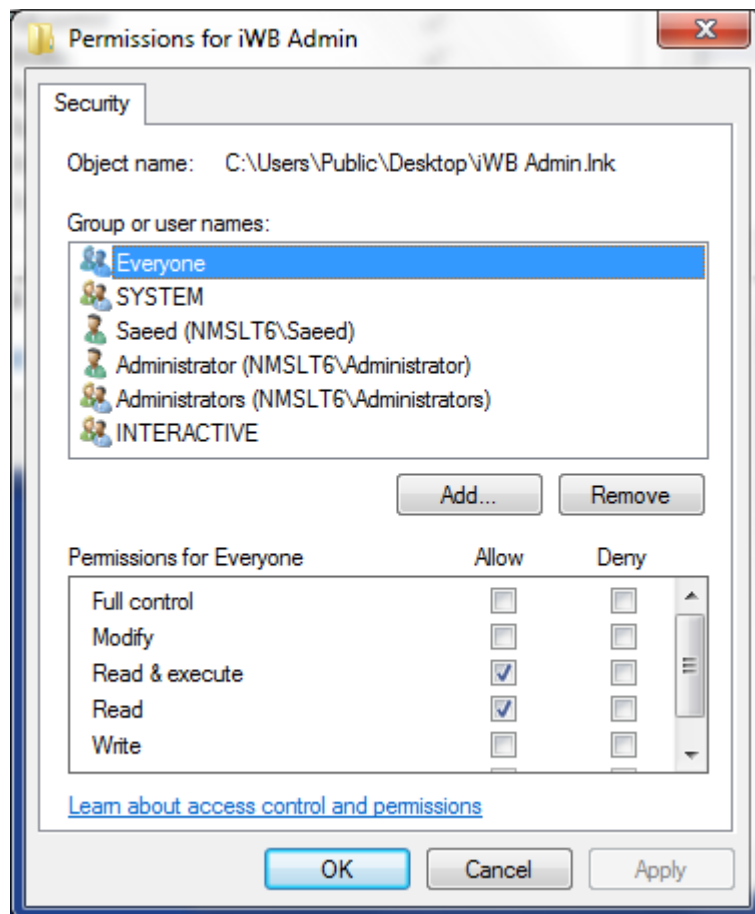
Click the "Add" button to open the "Select Users or Groups" window.

In the "Enter the object name to select" text box type "everyone" then click "Check Names" to get the following result:



Click OK.

Back in the permissions dialogue select the **Everyone** user and set the Permissions to "**Allow**" on "**Read & Execute**" and "**Read**".



Click OK.

Check the shortcut works by double -clicking it. The iBoardTouch IWB program should start.

Exist the program.

3. Run First-Time for Each User

The icon should be present on the desktop of each user on the PC.

The first time the icon is double-clicked, the Admin user should be present to enter the Administrator password. This is only required the first time each user executes. Thereafter, because of the "/savecred" flag, the program will execute without prompting for the Admin password.