

Procedure to Access The LifeWindow Screen Using VNC

Introduction

VNC stands for Virtual Network Computing. It is, in essence, a remote display system which allows you to view a computing 'desktop' environment not only on the machine where it is running, but from anywhere on the Internet and from a wide variety of machine architectures. VNC was developed by the Department of Engineering of the Cambridge University sponsored by AT&T. This is free software and can be freely distributed.

Items required for this procedure:

- LifeWindow 6000 connected to a network. Please refer to “**Procedure to place the LifeWindow 6000 in a Network**”. Procedure #100.
- PC Keyboard (Note: earlier versions of the LifeWindow 6000 had a DIN connector for the PC keyboard (S/N below V954349), this requires an adapter to convert the keyboard connector PS/2, most commonly used in later PCs, to the old style DIN connector). This adapter is available in computer stores like Compusa and Radio Shack)
- VNC V3.36 or higher Installation Files

B. NETWORKING

The LifeWindow™ Lite can be connected to your local network using Ethernet and wireless LAN. The Ethernet connector is standard in all units.

Note: Digicare can supply WIFI cards for your Life Window Lite. Contact sales and support for more information on this at 561-689-0408.

1 - LIFEWINDOW SETUP

Turn on the LifeWindow monitor

- Move the touch screen mouse pointer to the TRACES icon on the top of the monitor screen.
- Hold down the FREEZE and NIBP Start buttons and touch the TRACES icon simultaneously. (This will cause the LW program to stop and start the Windows Desktop.)

2 - WINDOWS XP SETUP

To change the computer name, to join a domain or workgroup, or to add a computer description for a Windows XP-based computer, use the **Computer Name** tab in the **System Properties** dialog box.

- Click **Start, Settings** click **Control Panel**, double-click **System**.

3 - CHANGE COMPUTER NAME AND JOIN A DOMAIN OR A WORKGROUP

To change a computer name and to join a domain or a workgroup, follow these steps.

Warning Before you change a computer's membership from a domain to a workgroup, be sure that you know the user name and the password for an account in the local Administrators group.

You cannot log on after you remove the computer from the domain

1. Click the **Computer Name** tab, and then click **Change**.
2. Type the new computer name in the **Computer name** dialog box.
3. Type the new domain or workgroup in either the **Domain** dialog box or the **Workgroup** dialog box.
4. Click **More** to change the primary Domain Name System (DNS) suffix.
5. Click **OK** three times, and then restart the computer.

4 - ADD A COMPUTER DESCRIPTION

To add a computer description, type a name or a description in the **Computer description** box on the **Computer Name** tab, and then click **Apply**.

Network ID Wizard

If you do not know how to complete these tasks, you can use the Network Identification (ID) Wizard to help you. To start the Network ID Wizard, follow these steps:

1. In the **System Properties** dialog box, click **Network ID**. (Refer to steps 1-5 under **Change the Computer Name** to find **Systems Property**)

Note This wizard is new to Windows XP. With this wizard, you can add the computer to a workgroup or to a domain.

2. Move backward and forward in the wizard by using the **Back** and **Next** buttons.

The first set of options in the Network ID Wizard is as follows:

- **Option 1**
"This computer is part of a business network, and I use it to connect to other computers at work."
- **Option 2**
"This computer is for home use and is not part of a business network."

If you select option 1, the following options appear:

- **Option 1a**
"My company uses a network with a domain."
- **Option 1b**
"My company uses a network without a domain."

If you select option **1a**, a dialog box appears that requests the following information:

- User name
- Password
- User account domain
- Computer name
- Computer domain

If you select option **1b**, you can also configure the computer as a "Workgroup Member," and you can type the name of the workgroup.

If you select option **2**, you are prompted to click **Finish** to restart the computer. If you follow this step, the computer is configured as a "Workgroup Member." By default, the name of the

workgroup is "Workgroup."

Then, the next page requires the domain name to which the computer is to be added. Also, the next page requires the username and the password of an account that has the rights to add a computer to the domain. Additionally, the next page enables the user account from the previous page to be added to this computer. Finally, the next page enables the new user to have various rights on the local computer.

The user may be added to the following built-in groups on the local computer:

- Administrators
- Backup operators
- Debugger users
- Guests
- HelpServicesGroup
- Network configuration operators
- Power users
- Remote desktop users
- Replicator
- Users

Note If the computer is a member of a domain, the computer also maintains a local domain that has security accounts. If the **Domain** box does not appear, click the **Options** button to display the **Domain** box, and then select the required domain from the menu.

Procedure:

Connect the PC keyboard to the LifeWindow keyboard connector in the rear of the unit.

Stop the LifeWindow program by:

2.1. Using the Ergopointer (Built In Mouse), place the mouse cursor on the icon "TRACES" and leave

it there. The mouse cursor must be on top of traces for the following steps.

2.2. In the LifeWindow dedicate keys, on the right side of the front panel, press simultaneously the key

labeled "**FREEZE**" and "**NIBP START**". Make sure that both keys are pressed simultaneously,

and keep holding them.

2.3. Now press the Ergopointer "**ENTER**" key, (**BLUE BUTTON ON TOP OF THE LifeWindow**).

2.3. The screen will freeze for a moment and the program will stop running. You will see a green screen only.

2.4. Click on the Start menu and select Settings >> Control Panel. Once that screen opens, at the top of the screen click on Folders. On the left side of the screen you should see the different folders, Select Lifewindows (C:).

2.5. Double Click "VNC 3.3.7" Folder>>

2.6. Double Click "vnc-3.3.7-x86_win32" (Installation Icon, NOT Zip file)

2.7. Click "**Yes**" to confirm installation of VNC in your LifeWindow. Then click **Next**, Click **Yes** in the License Agreement (this software is free to be distributed). Let it install in the Program Files folder, click **Next**, leave in **Full Installation** and click **Next**, Click **Next** again, now on the **Select Additional Tasks** screen, check **Register**

VNC Server as a System Service and Start VNC Server System Service. Now click **Next**. Now in the next screen click **Install**.

3. VNC will install and a warning will appear to inform about a password. Click **OK**. In the **Default System Properties Screen** enter the password for accessing your LifeWindow. Make a note to remember this password because you will need it to access your LifeWindow from other computers.
4. Still in the **Default Local System Properties** window, check the **Poll Full Screen** and **Poll On Event Received Only**. Keep the other default checks. You should have **Poll Full Screen, Poll Foreground Window, Poll console Window Only** and **Poll On Event Received Only** in the Update Handling section of this Setup. Keep all others at the default. Click **OK**, and then **Finish**.
5. Now close the Windows Explorer.
6. Now select Start Menu>> Shut Down>> Restart.
7. The LifeWindow will restart and the main program will be running.
8. Now on the PC keyboard press **“CTRL+ALT+DEL”**.
9. Click on the Start menu and select Settings >> Control Panel. Once that screen opens, at the top of the screen click on Folders. On the left side of the screen you should see the different folders.
10. Select on the Left side of Explorer click in the **“WINDOWS”** folder, and then in the **“system32”** folder. Now find the program **CMD** and double click it.
11. The Windows DOS command prompt will open in the middle of your screen.
12. Now type in the command screen **“ipconfig”** and then **enter**.
13. Make note of the IP address of your LifeWindow. If your IP address is static, you will only have to do this once and the address will always be the same. If the address is dynamic, then you will have to do this every time your LifeWindow logs on to your network. Now you can close your command using the **“x”**.
14. Now we will have to install VNC in the network computers that we plan to use to view and control the LifeWindow.
15. Once you have downloaded the VNC on your computer open the **VNC Viewer**.
16. The **VNC Connection Details Screen** will appear. Enter the IP address that you got from your LifeWindow in the task # **21**. The IP address should have a format like this example **“121.12.96.168”**. Then click **OK**. The next screen will ask for the **Session Password**. Enter the password that you selected for your LifeWindow in the task #**9**.
17. Now the LifeWindow Screen will appear and you will have total control of your LifeWindow from this computer. You can also install the VNC viewer in other computers to access the LifeWindow.
18. We only recommend to use the **VNC** feature when remote viewing is necessary. If the remote viewing will not be used for a certain procedure, it should be turned off from the remote computer. Just close the screen in the remote computer using the **“x”**.