Jan 25, 2010

How to Setup and Use
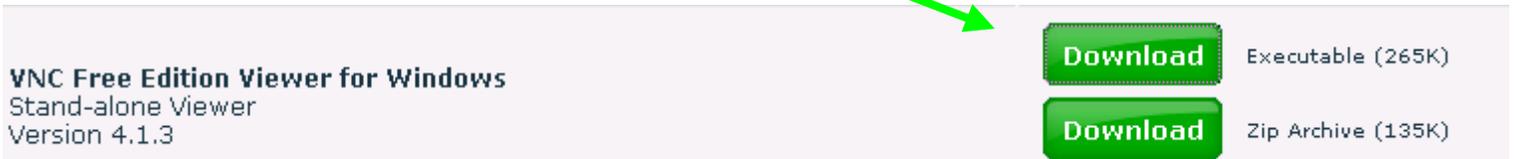# VNC with
Process Control's Touch Screen

Rev A

What is VNC?

VNC is an acronym for **V**irtual **N**etwork **C**omputing. It allows you to remotely control computers or other electronic devices such as the B&R touch screen used on Process Control's blenders.

How do I use it?

The first step is to download a VNC viewer application. There are a number of free viewer applications available on the internet. We have certified RealVNC with our blenders. You can download a free version of their VNC software at http://www.realvnc.com/cgi-bin/download.cgi. Select the **VNC Free Edition Viewer for Windows** and follow the installation instructions.

VNC Free Edition Viewer for Windows
Stand-alone Viewer
Version 4.1.3

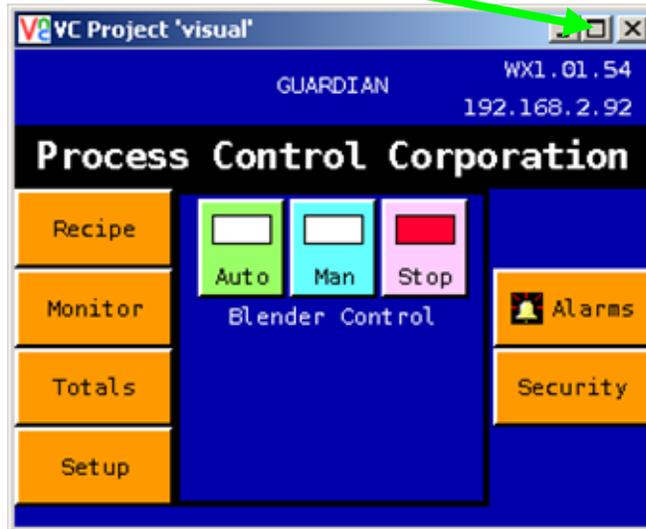Download   Executable (265K)

Download   Zip Archive (135K)

During the setup you will need the IP address of the blender touch screen. This is displayed on the main touch screen page on the top right corner (format is XXX.XXX.XXX.XXX). You will need to enter the address as shown below. When you enter your IP address add :5902 to the end as shown below.

VNC Viewer : Connection Details

Server: 192.168.2.92:5902

Encryption: Always Off

About...   Options...   OK   Cancel

When you click OK you will be prompted for a password. The default password is vnc_pcc.

VNC Viewer : Authentication [No Encryption]

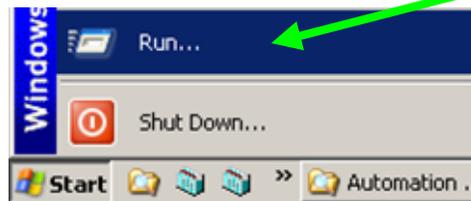Username: OK

Password: |||| Cancel

Click OK to log on to the blender touchscreen. You now have full control of the machine just as if you were standing in front of it. The mouse cursor looks like a small black dot. To exit the viewer click on the X in the top corner. Note that this will not shutdown the blender.
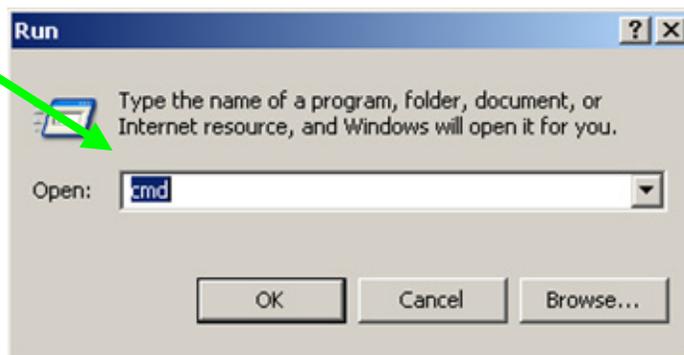
Troubleshooting

If the VNC viewer fails to connect to the blender touchscreen, you need to verify that the IP address you are using for the blender is visible to the computer you are connecting from.

To do this, click on the Start button from the Windows desktop and click on Run…
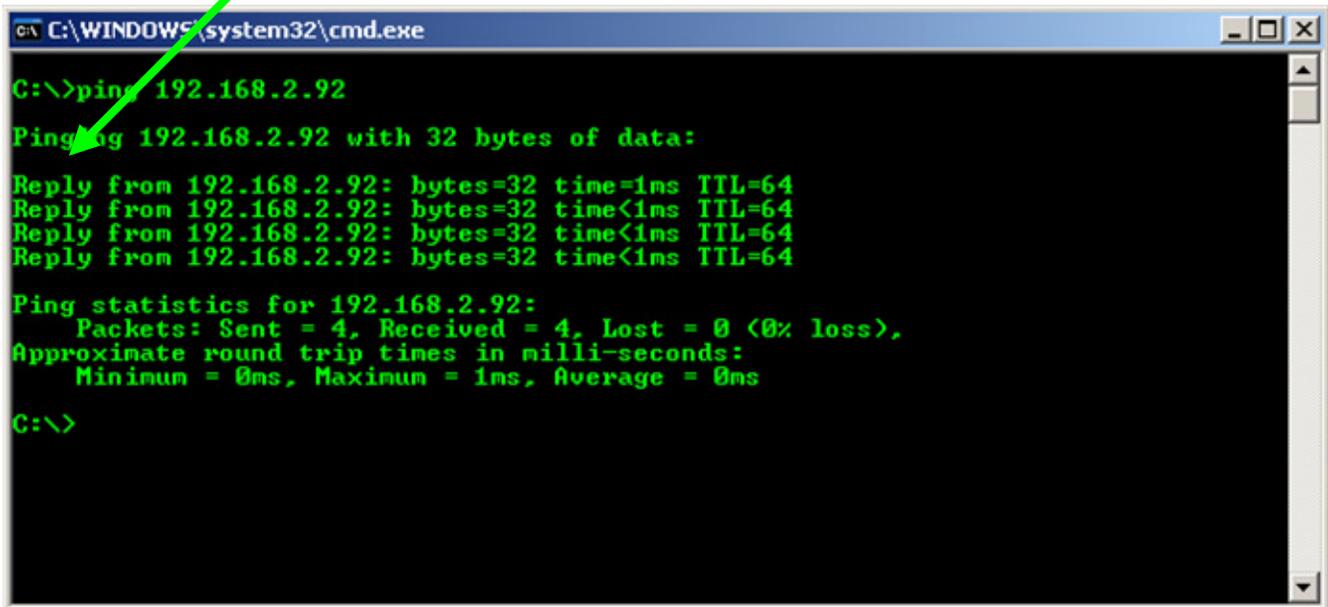
Type in cmd and press OK button.

Type in ping XXX.XXX.XXX.XXX where XXX.XXX.XXX.XXX is the IP address of the blender touch screen. If you don't see a reply from the blender you need to contact your IT department.

```
C:\WINDOWS\system32\cmd.exe

C:\>ping 192.168.2.92

Pinging 192.168.2.92 with 32 bytes of data:

Reply from 192.168.2.92: bytes=32 time=1ms TTL=64
Reply from 192.168.2.92: bytes=32 time<1ms TTL=64
Reply from 192.168.2.92: bytes=32 time<1ms TTL=64
Reply from 192.168.2.92: bytes=32 time<1ms TTL=64

Ping statistics for 192.168.2.92:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 0ms, Maximum = 1ms, Average = 0ms

C:\>
```