

VNC Installation

Y **Download Site** : <http://www.realvnc.com/download.html>

Y **Software Tested** : VNC 3.3.6 (full version incl. a server & a viewer)

Procedure:

- 1) Install both server and viewer to a computer (e.g. 100.100.100.13), which is to be configured as a **VNC server**
- 2) Install only viewer to another computer (e.g. 100.100.100.16), which is to be configured as a **VNC client**
- 3) Start VNC server: **Start** \Rightarrow **Programs** \Rightarrow **Real VNC** \Rightarrow **Run VNC Server**
- 4) Configure VNC server by doing the following:
 - \Rightarrow Double click on the *VNC icon* in system
 - \Rightarrow Enter a chosen password in the password section (e.g. "biomed")
 - \Rightarrow Select **OK**
- 5) Start VNC client on the computer which has only the viewer installed by:
 - \Rightarrow Double click on the *VNC icon* on the desktop
 - \Rightarrow Enter the assigned password (e.g. "biomed")

Once the remote desktop of the server is displayed in a window:

 - \Rightarrow Move the cursor around the *virtual desktop* to take control of the server
- 6) More Information is available from the following links:
 - \Rightarrow Windows VNC Server: <http://www.realvnc.com/winvnc.html>
 - \Rightarrow Windows VNC Viewer: <http://www.realvnc.com/winvncviewer.html>

Traffic Simulation:

- 1) Connect LinkRunner to the hub where the two computers are connected
- 2) Run both **VNC server & client** to begin remote accessing
- 3) Monitor the network traffic on LinkRunner Display by:

Performing some normal operation (i.e. opening files, running executables, etc.)

- \Rightarrow A constant 2.5% network usage traffic can be observed
- \Rightarrow A delay on the *virtual desktop* window can be observed

Running MultiSim (for real-time simulation)

- \Rightarrow !! Have not yet been tested !!