

Setup guide for the STUDER Virtual Vista



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Modes of Operation

There are 3 possible modes of operation :

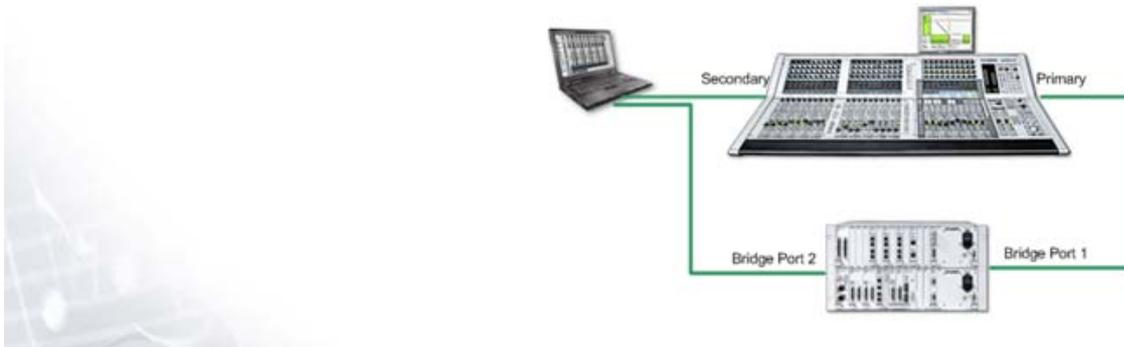
- Offline



- Online with Desk

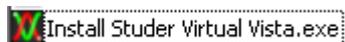


- Online with Desk / Takeover of Core



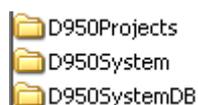
Installation

In any case of usage, the Virtual Vista sw needs to be installed on the notebook, or tablet-pc , or pc. This is done by executing the installer.exe file

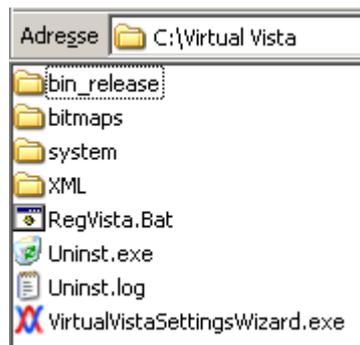


Note : It is strongly recommended that the computer where the Virtual Vista is installed has a minimal screen resolution of 1440x900 pixel.

This installer installs the following on your computers C:\ drive :



The content of this folder looks like this :



There is also the automatic creation of a desktop icon which is used to start the Virtual Vista :



When the Virtual Vista is started it is loading a default title which also has been copied to your computer in the setup process.

Also, there has been written a **D950system.ini** file into the D950System folder - which allows to use the Virtual Vista in the all of the three above shown modes.

This D950system.ini file carries the following entries which are specific for the Virtual Vista - and is different from a D950system.ini which is on a 'real' Vista desk:

```
[d950systeminfo]
```

```
...
```

```
EmulationEnabled=Yes
```

```
EmulationBayCount=5
```

```
EmulationControlbayPosition=3
```

```
RemoteControlEnabled=Yes
```

```
RemoteControlHost=192.168.2.128 <- IP Address of desks network port - where the Virtual Vista is connected to
```

```
RemoteControlPort=9000
```

```
RemoteControlRole=Remote
```

```
RemoteControlBackupPath=C:\Backup\VirtualVista
```

```
RemoteControlBackupInterval=20
```

```
...
```

```
ScoreIp1=192.168.2.60
```

Network setup on the notebook/tablet pc for online modes

Vista5 :

As shown in the drawing above, when connected to a Vista 5 the Virtual Vista computer is always connected to the Vista 5's secondary network port (192.168.2.128) . Therefore the network port address of the computer which runs the Virtual Vista must be in the same subnet - **192.168.2.xxx**

Vista 678 :

When connecting the Virtual Vista to a Vista 6,7 or 8, it depends whether the desk is equipped with one or two network card/ports. Whenever possible it should be avoided to use the networkport where the bridge card of the core is connected to. Set the subnet of the computer which runs the Virtual Vista to the same subnet.

If a wireless network is used to go online with the desk, the above addressing rule applies to the wireless router which then is connected to the desk instead of the Virtual Vista computer directly.

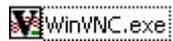
To realise operation mode 3 : "Online with Desk / Takeover of Core" it is necessary to have two separate network ports on the Virtual Vista computer. Since most notebook and tablet-pc's only have one ethernet network port, we recommend to use the wireless network facility of the computer to connect to the desk.

Setup of Vista desk

To run the Virtual Vista in the online mode (online with the desk) the desks D950system.ini file needs the following lines added :

```
[d950systeminfo]
...
RemoteControlEnabled=Yes
RemoteControlHost=
RemoteControlPort=9000
RemoteControlRole=Main
...
```

TightVNC installation



Tight VNC is used to bring the GC from the main side to the remote side.

The server consists of only two files WinVNC.exe and VNCHooks.dll. Place these files into the directory of your choice, eg. C:\Program Files\TightVNC. In addition, some other files should be placed there such as StuderReadme.txt, Licence.txt...

The following settings has to be made (either on the first start or by double clicking the tray-icon):

- Clear the password fields.
- Allow empty passwords.
- Disable HTTP server (since it is not used).
- Choose as display area "Primary Display Only".

Leave all other settings untouched. After setup the vnc server, it starts quiet and is as tray- icon visible. Put a link in the autostart menu to start it automatically on windows start.

Mirror Driver



To meet the performance requirements the Demoforge mirror driver has to be installed. (Just execute the installer. Only on the vnc server required -> desk side.)

Operation of Virtual Vista

In the lower left corner of the Virtual Vista's desk screen, you can find the Online Status area. Here it is indicated that the Virtual Vista is offline at the moment :



Here it is indicated that the Virtual Vista is online with the desk :



Only when there is a second network connection from the Virtual Vista computer to the second port of the SCore Live's bridge card - the Virtual Vista can be connected to the core.

Note : only one instance of Vista can be communicating to the bridge card at the same time.

Therefore when connecting the Virtual Vista to the core, the real Vista desk will be **disconnected** from the core !

It is recommended to use the "connect to core" button only, when the desk is inoperable e.g. due to a power loss.

When pressing the button, the yellow colour states that the takeover process is started :



After a few seconds, the yellow colour goes off again and the green dot next to the text 'Core' indicates that the Virtual Vista is now online with the core - and that it is actually controlling all parameters.



When the desk is restarted again, it will take the connection to the core automatically - letting the Virtual Vista be offline from the core, and also offline from the desk.

To get online with the desk again - the Virtual Vista needs to be closed and restarted again.