This application note describes the process of setting up a VC series router with the Video Commander 3.x software. This process will include configuring the router, and installing it to the Video Commander software.

Please note: If you are using iNED or Video Commander 4, you don't need to do any of this; simply follow the VC-8 Quickstart sheet for rapid installation.

Configuring the Router

As it was shipped, your VC series router was configured to work with the newer iNED version of Video Commander. Your first task is to configure the router to work with the Video Commander 3.x version instead.

You should already have your VC series router cabled to your PC, along with any other routers you are using. This process was described in the VC-8 Quickstart, and is described in more detail in the "*Connecting IRIS Equipment*" application note available on the IRIS web site.

First, you need to download and run the **IRIS Serial Link Hardware** utility from the IRIS web site. You will be prompted for the serial port (see **Figure 1-1**).

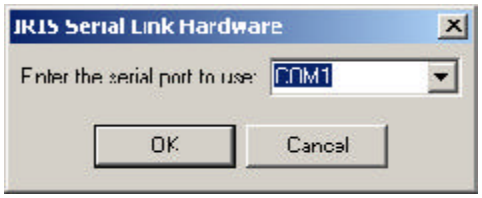

Figure 1-1

Next, choose (or type) the port being used for your routers, then click the "OK" button. The window in **Figure 1-2** appears.

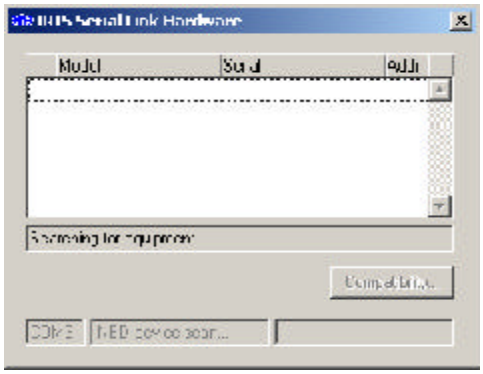

Figure 1-2

The IRIS Serial Link Hardware utility then begins to search for routers and other IRIS equipment, whether configured for iNED or for Video Commander 3.x.

After a period of a few seconds (depending upon how many devices there are to find), the list contains those routers connected to your computer. **Figure 1-3** shows an example.

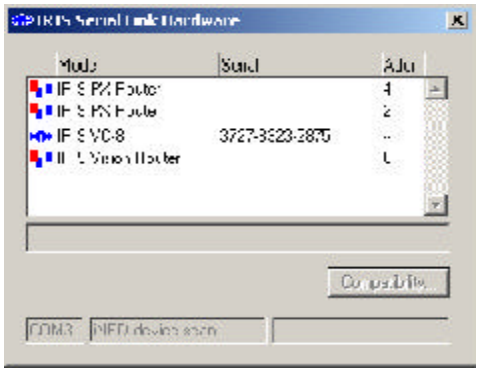

Figure 1-3

Routers that are presently configured for Video Commander 3.x display the colored squares representative of Video Commander buttons. Routers that are configured for use with iNED show the "IRIS Serial Link" icon (arrows in and out of the IRIS logo).

The rightmost column shows the address used by each router. Routers configured for iNED do not have an address, but all routers configured for Video Commander 3.x do.

Your VC series routers will be in the list, and they will show their serial number information (something that older IRIS router models do not know). If you have more than one VC series router and aren't sure which one is which, look at the serial number label on the back or bottom of the router to find a match.

With your mouse, click on the VC series router you wish to configure. Once you do this, the "Compatibility" button is enabled (see **Figure 1-4**); click this button.

A new window appears for setting the router compatibility (see **Figure 1-5**).

Click on the "Video Commander 3.x" button, and then enter an address (see **Figure 1-6**). *This address must be unused* in the list of router addresses already shown. For a multi-plane router like the VC-8, be aware that *each plane* will be assigned an address *starting* with the number chosen. The VC-8 is a three-plane router, so if you pick address "0" you are actually also assigning addresses 1 and 2.

Click the "OK" button. You should see a message indicating a successful change.

The main window clears and searches for routers again. When the list is complete, your VC series router will now show up with the colored squares and the address you assigned (see **Figure 1-7**).

Repeat this process for any additional VC series routers you may have.

When you are done, you may want to write down this information so you have a list of the routers and addresses for use in the software.

Note that if at some future point you want to use your VC series router with iNED, you will need to run the IRIS Serial Link Hardware utility again to change its compatibility back to the "iNED" choice.

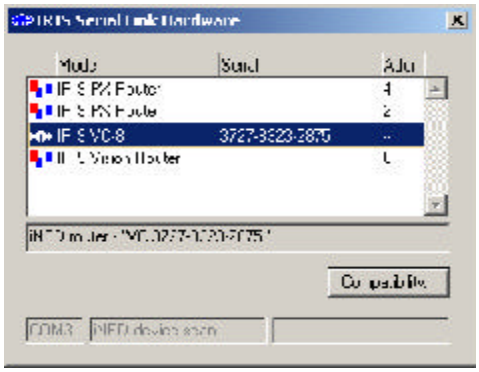

Figure 1-4

Figure 1-5

Figure 1-6

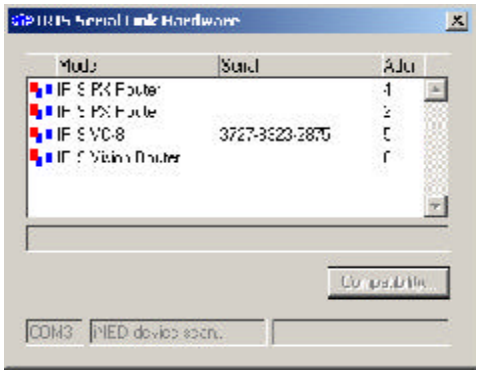

Figure 1-7

Installing the Router into Video Commander

Your second task is to install the router into your Video Commander software. Now that your router is compatible with Video Commander 3 and has an address, the process is no different from installing PX or Vision series routers.

Run "Device Setup." This is in the Video Commander folder under the Start Menu's list of Programs (see **Figure 2-1**).

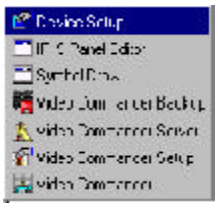

Figure 2-1

When Device Setup starts, it asks you what you will be doing in this session. Select the "Modifying settings" choice and click "OK" (see **Figure 2-2**).

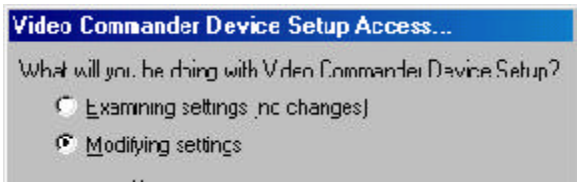

Figure 2-2

In the Device Setup tool bar, click the "+Routr" button to add a router (see **Figure 2-3**).

Figure 2-3

In the Router Properties window that appears, fill in the information for the new router: the name you choose for it, the number of inputs and outputs, the address you assigned in the IRIS Serial Link Hardware utility, the COM port being used, and the signal type(s) to be carried by this router (see **Figure 2-4**).

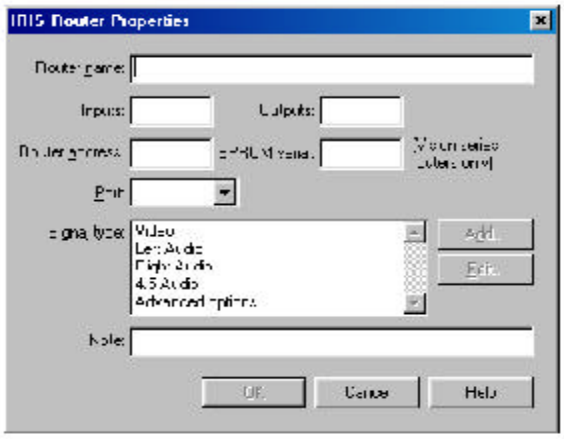

Figure 2-4

Important note: if this is a multi-plane router such as the VC-8, you will need to add a router for *each* plane in the router. On the VC-8, the *video* plane gets the address you assigned, the *left audio* plane gets the address plus one, and the *right audio* plane gets the address plus two. Do *not* assign the video, left and right audio signal types all to the same plane; Device Setup will *not* know what you mean.

The Router Properties window also has space for a note, which is optional, and an EPROM serial, which you leave blank (that only applies to Vision series routers).

When the router (or plane) is filled in correctly, click "OK" to add this to your list (see **Figure 2-5**). Repeat this process for each router you are adding (and each plane for multi-plane routers).

Figure 2-5

When all your routers have been added, save your changes by clicking the "Apply" button at the bottom of Device Setup (see **Figure 2-6**).

Figure 2-6

You are now configured to use your new routers; assign devices to them as appropriate.

Further details of the Device Setup process can be found in the Video Commander 3.5 *Getting Started* guide.