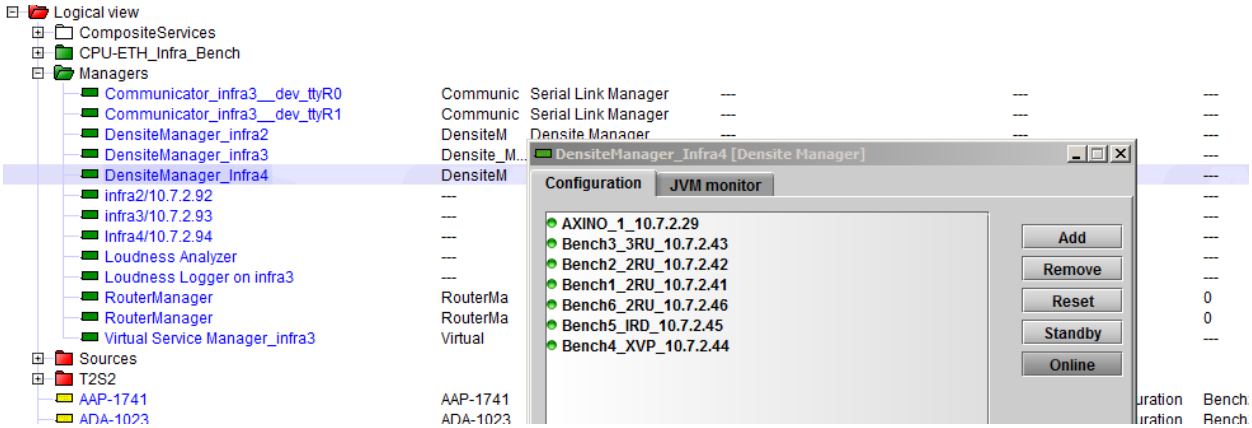
Updating a Densite card's firmware using the Miranda Interface Updater

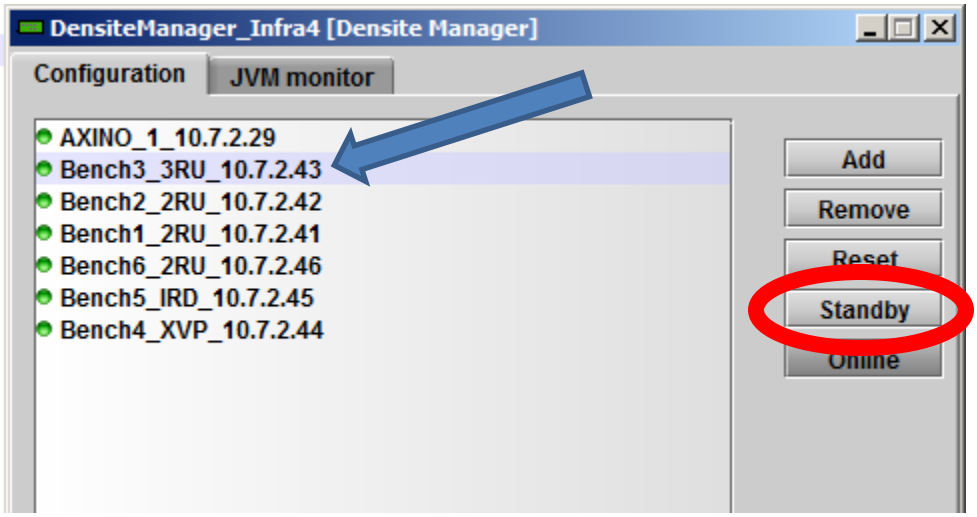
1- Using the iControl installed on your app server, bring the card's frame in standby. DO NOT WORRY, the cards installed in the frame are still operational. It just that you are not able to control them while you are updating the firmware:

To do so, you need to find the correct DensiteManager. In my case, it is DensiteManager_Infra4:

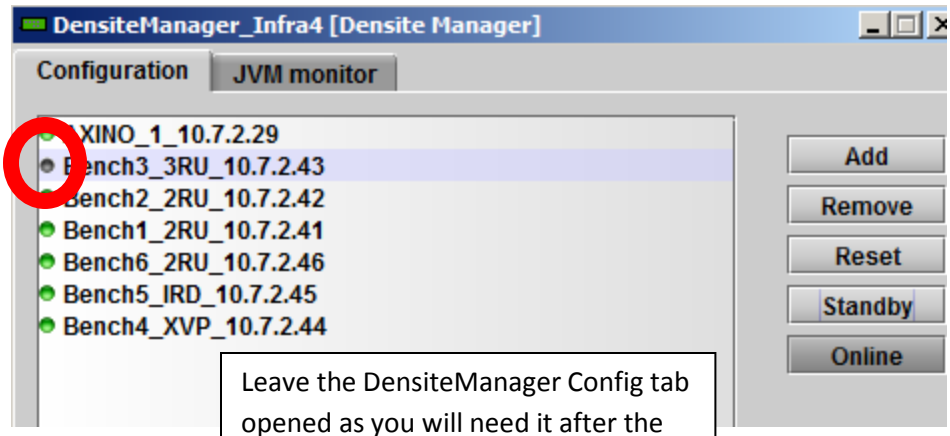


On my system, the card I need to update is installed in Bench3. Make a note of the ip address of the frame (Bench3 in my case). We will need it in the Miranda Interface Updater (MIU) later.

2- Now, you need to bring your frame into Standby mode. Again, this is only the ability of controlling the cards in iControl that will be affected. Cards will still work as they should:

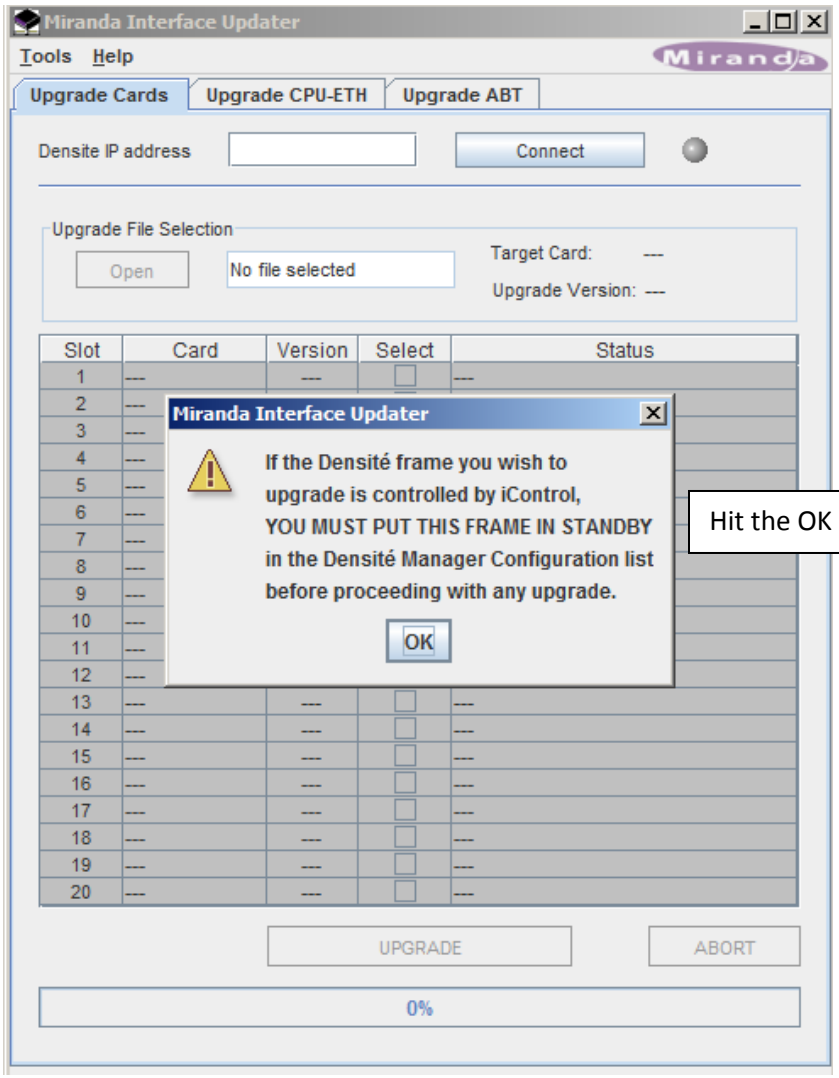


Your frame is now offline as you see the green dot is not black:



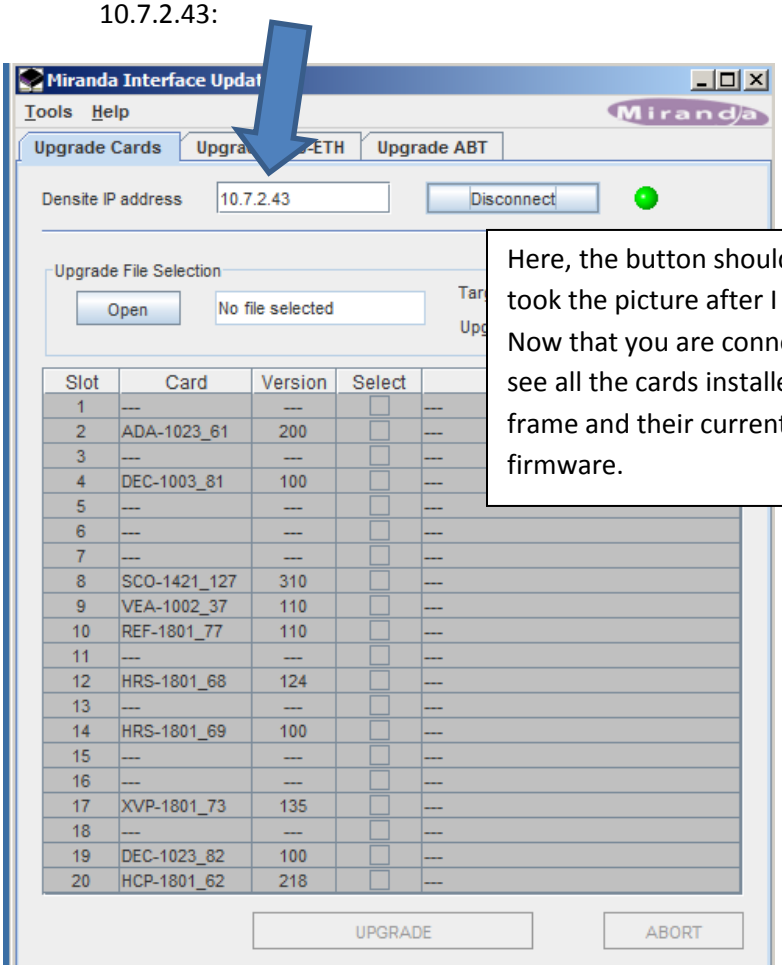
Leave the DensiteManager Config tab opened as you will need it after the upgrade has completed.

3- You can now start the MIU java app that was included in the ftp link provided. As you can see, we really want to make sure that the frame is set to StandBy! :



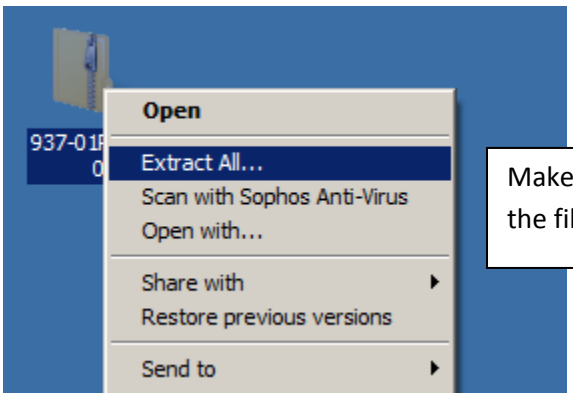
Hit the OK button to get rid of the warning.

4- Connect to your frame's ip address, the one that you took note of in step 1, in my case 10.7.2.43:



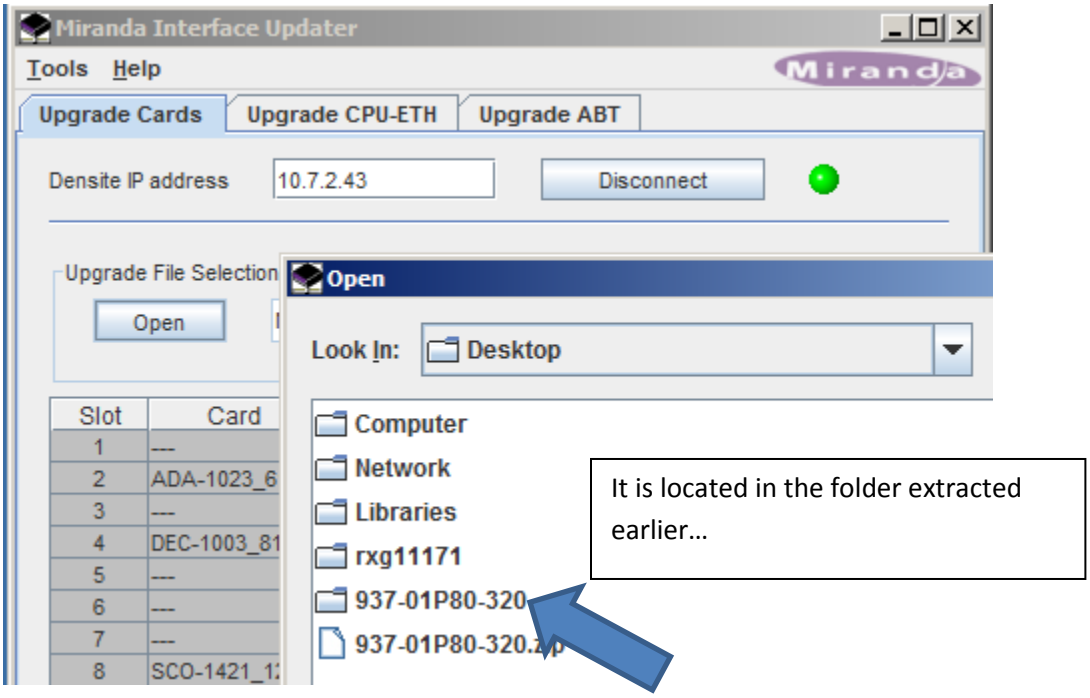
Here, the button should say connect… took the picture after I connected… Now that you are connect, you can see all the cards installed in this frame and their current installed firmware.

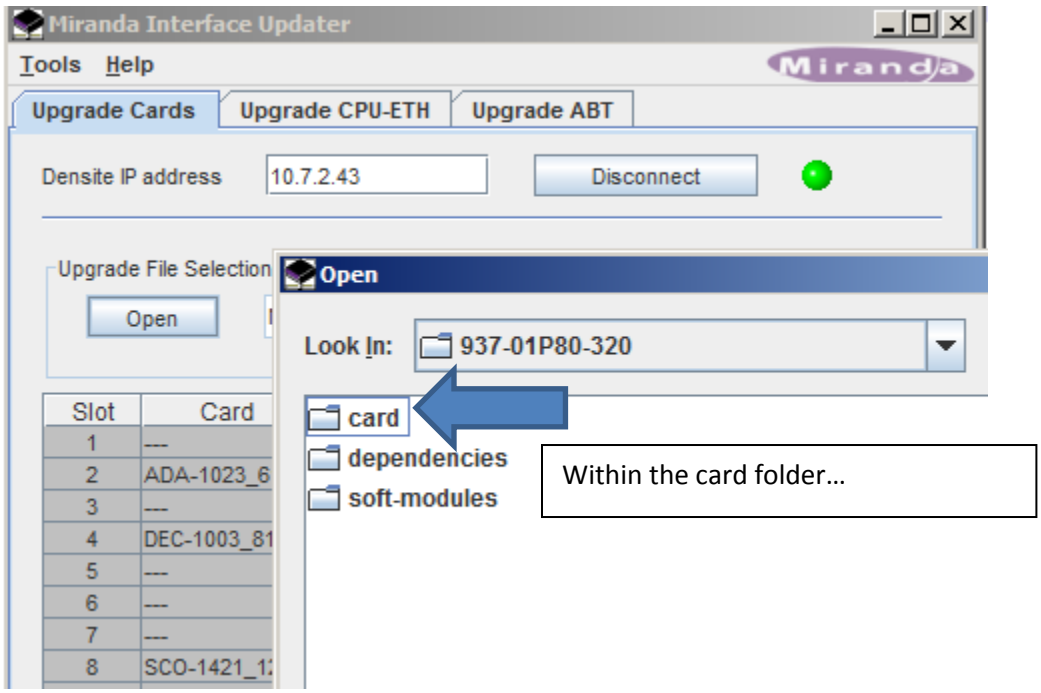
5- Extract the firmware's zip file that was in the ftp link:

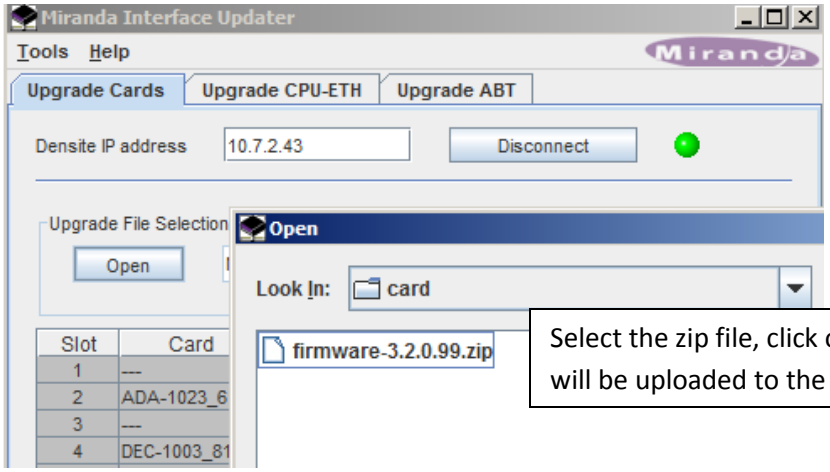


Make sure to note the location where the file is extracted as we will need it.

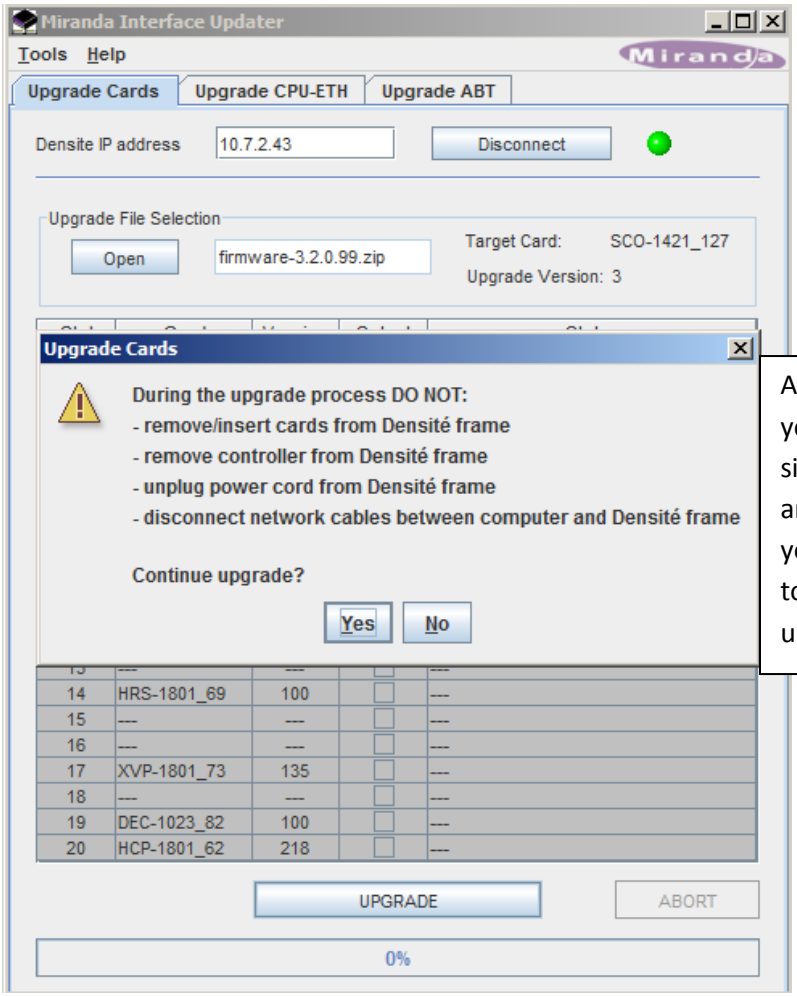
6- Open the firmware in the MIU:

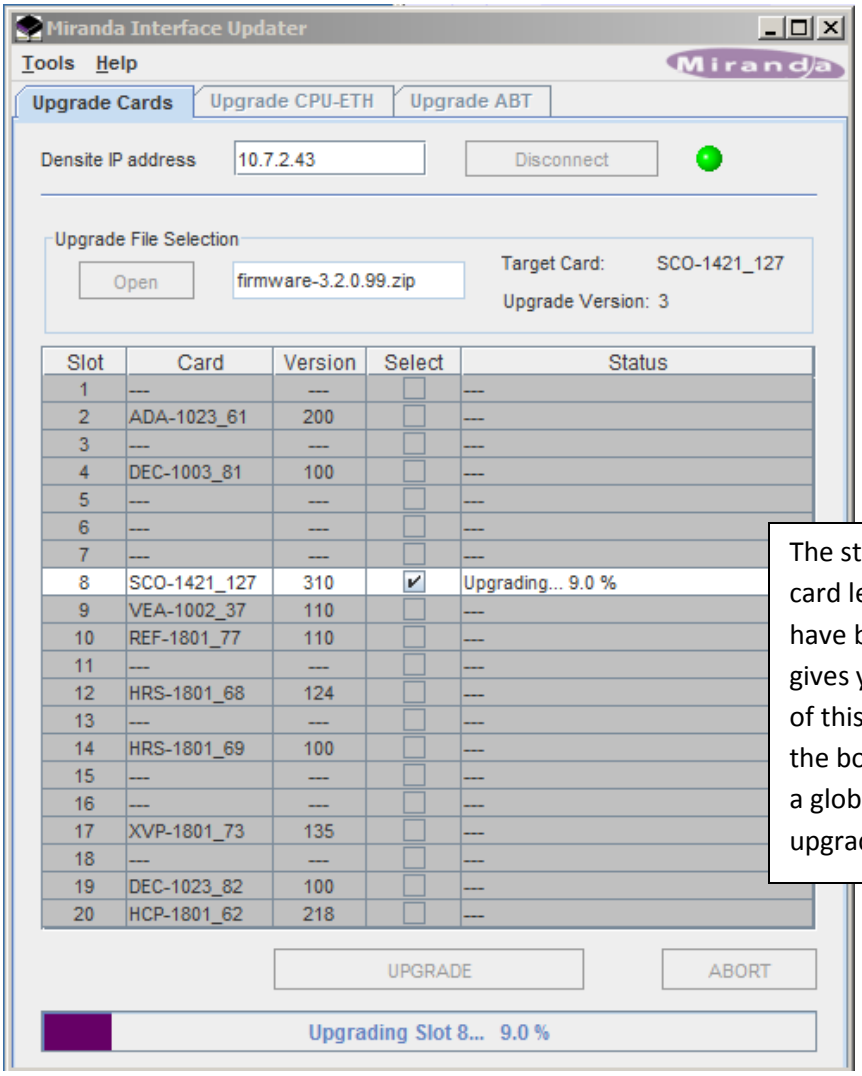






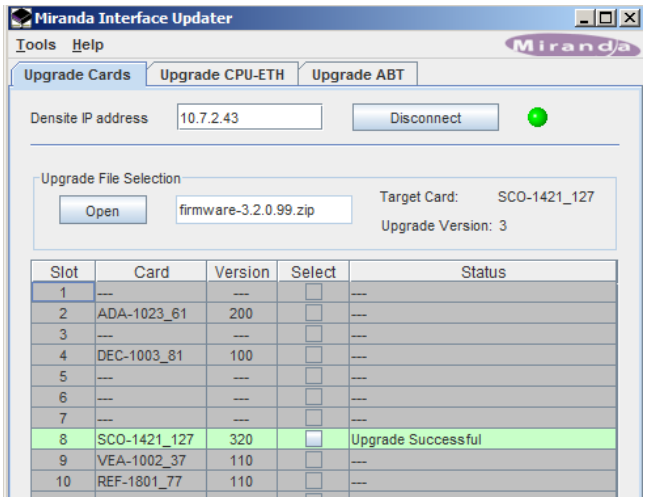
7- MIU is intelligent enough to know which cards are compatible with this firmware. You SCO-1421 should be outlined in white. Just tick the box to select the card to which you want to update and click upgrade. The reason why we have the select box is in case you have multiple cards that can be updated, you can select only the ones that you really want to update. So if you had 4 of them, but can or want to update only 2 of those, you select the ones you want and voilà!



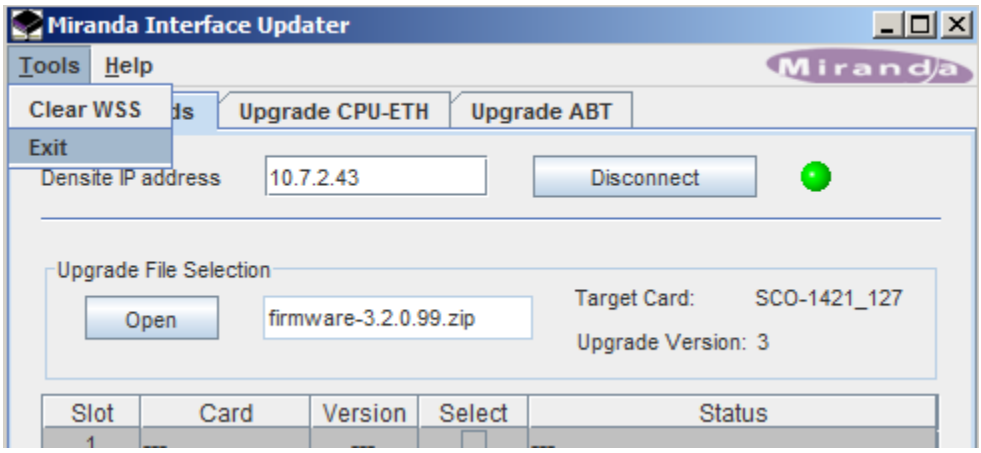


The status will update at both the card level and at the bottom. Why have both, the one at the card level gives you an indication for the update of this particular card as the one at the bottom of the interface gives you a global status in case you are upgrading multiple cards at once.

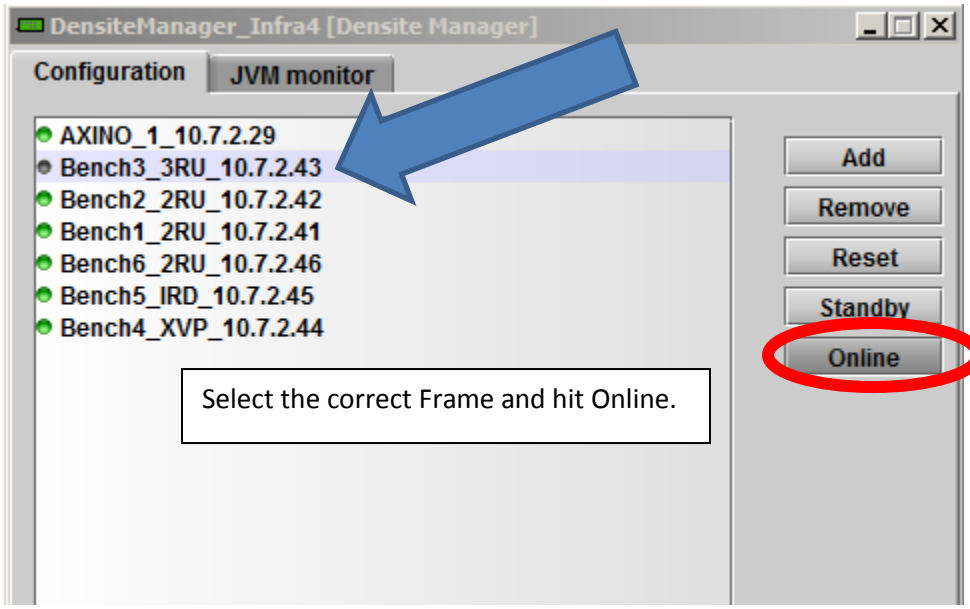
If successful or not, the interface will let you know. In my case, it was. So we know that the firmware I gave you is working…



8- Now, you can exit out of the MIU. Again, no quit button, so it's the old Windows X! And yes, I have set my Windows 7 to look like Windows XP… Loved XP! … but I digress… Or you go in Tools and select Exit…



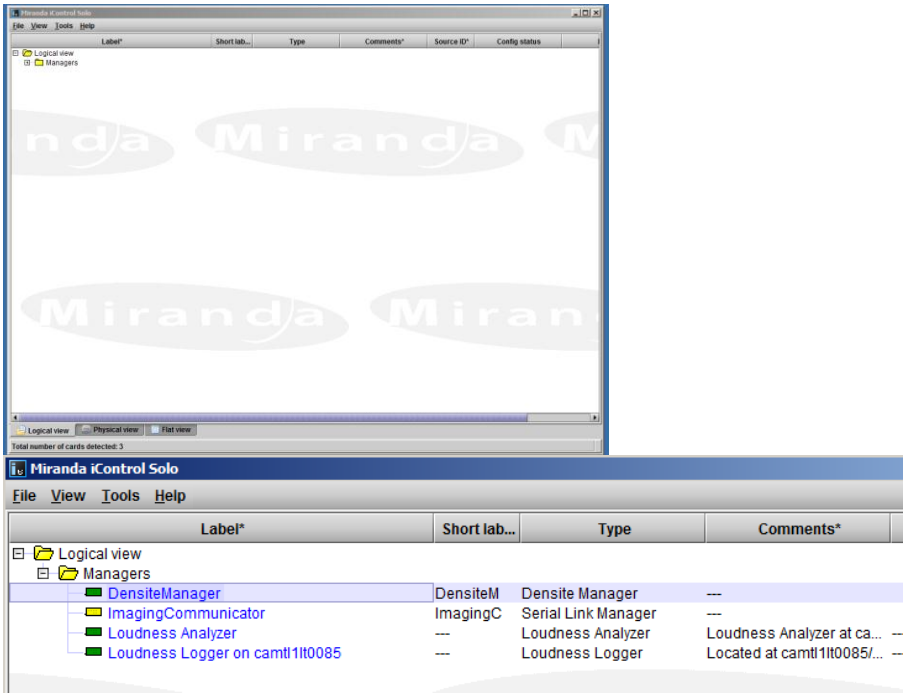
9- The last step you need to do is to bring your frame back online within your iControl:

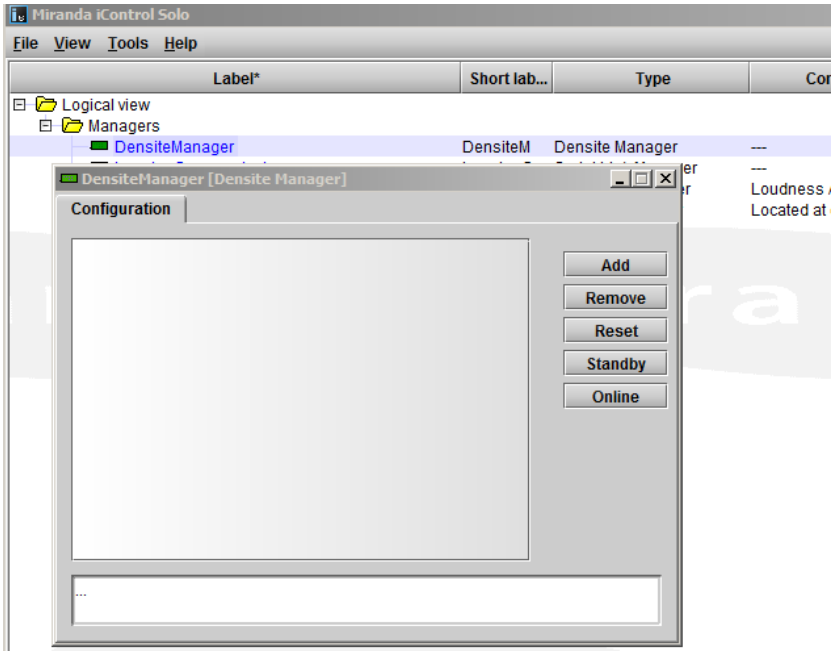


Now that the frame is back online, you will see all the cards repopulate your iControl. Even the SCO-1421 will be available. It shouldn't show up all the features available though, as you are running an older version of iControl. You will be able to really control the card within iControl Solo, that we will configure to now.

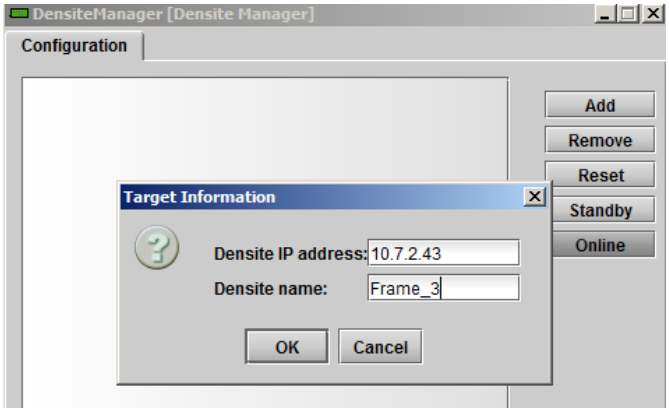
Configuring iControl Solo

1- At first launch of iControl Solo, you will have a blank canvas. Click on Managers, as you will need to get to the DensiteManager to control your frame:





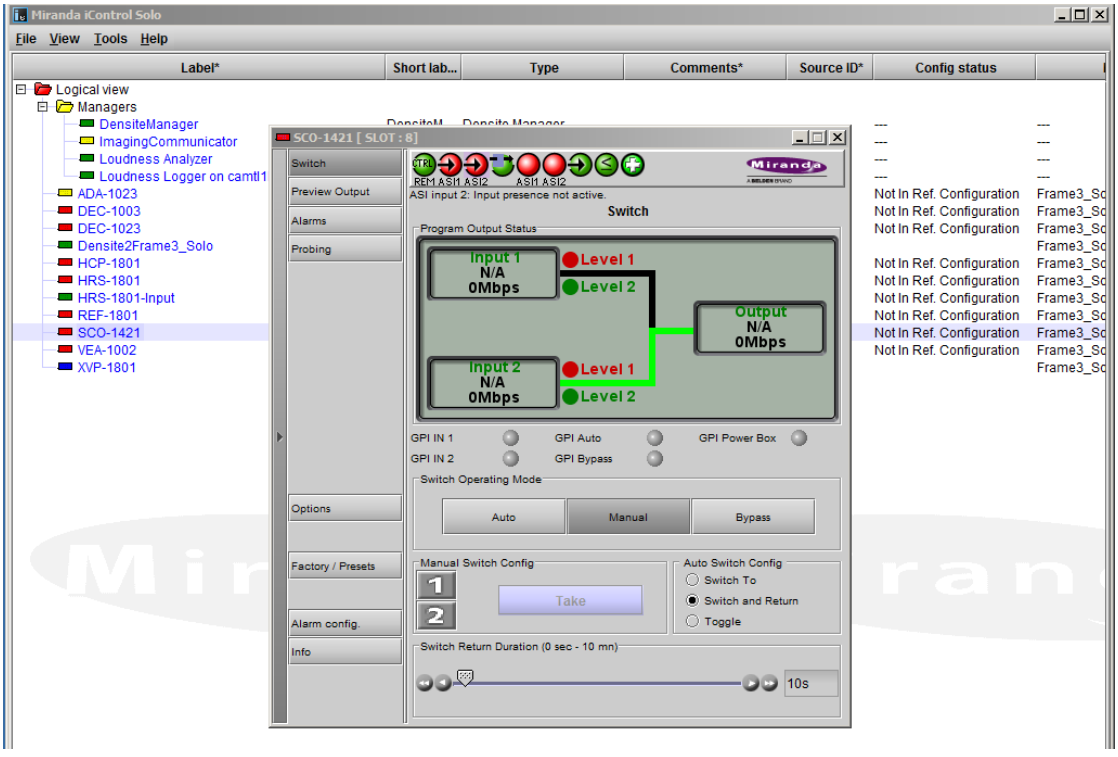
2- Add the frame's IP address and a name. I suggest that you use a different name than the one used in your regular iControl:



Now, iControl Solo will populate with all the cards installed in that specific frame.

If you are looking at your regular iControl, you may see duplicates of your cards. Do not worry, this is normal and will not cause in troubles. This is why having set a different name is a good idea. You can exit the configuration window (there is no quit, so hit the Windows X)!

You are now set to control your card with its new firmware.



If you have any questions, please contact Grass Valley Support.