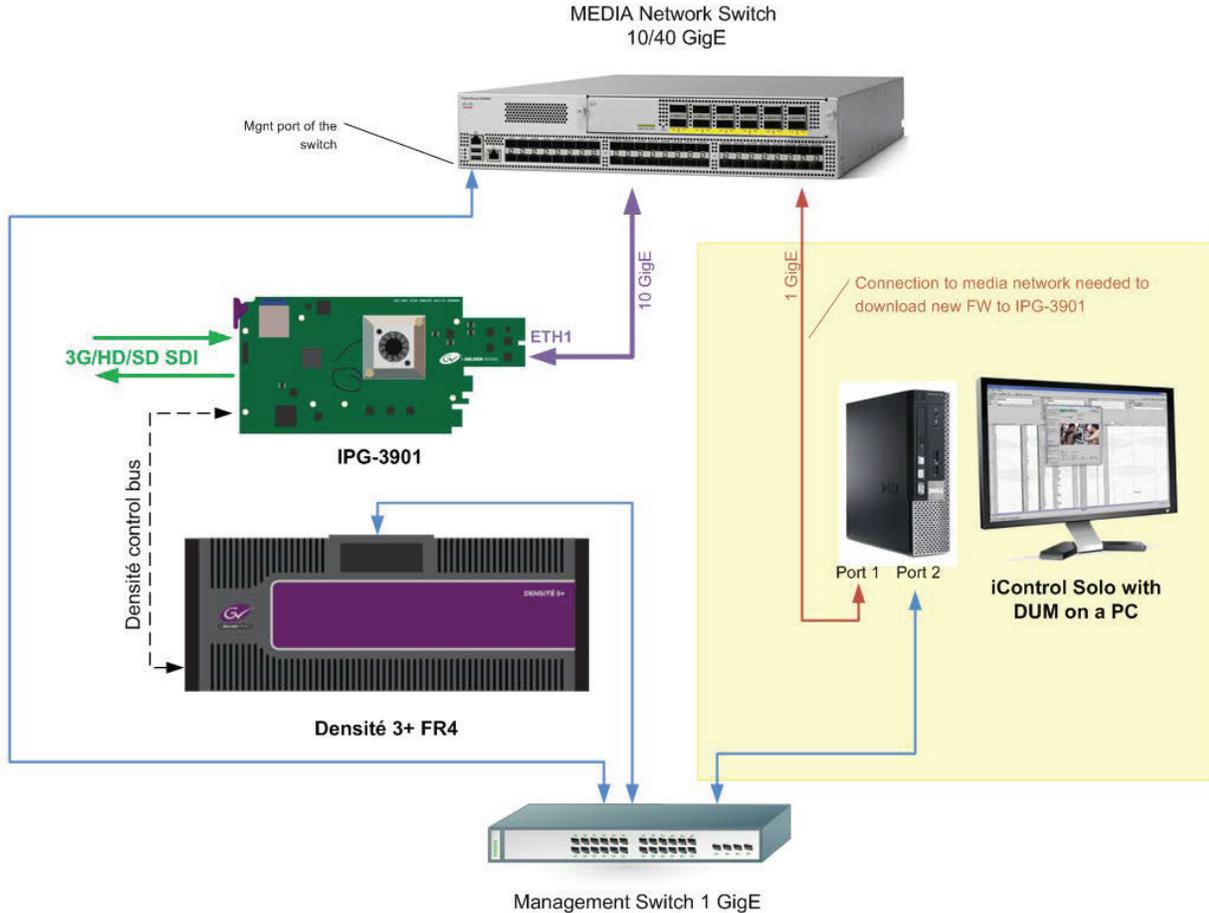


## ANNEX 2 – Firmware upgrading

The IPG-3901 firmware can be updated using the Densité Upgrade Manager (DUM) in iControl Solo. Unfortunately, we need an additional installation setup to proceed with the upgrade. The firmware package transfer is done using an ftp connection from PC to the IPG-3901 through the media Network Switch.

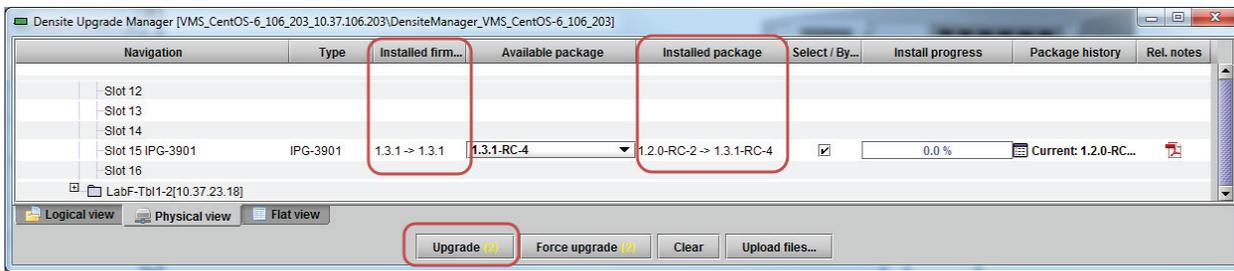


For the upgrade, you need to connect a PC to the MEDIA Network Switch and use iControl Solo (Yellow zone). When you are done with the upgrade, the PC connection to the switch is no longer required

Please consult the iControl User's Guide for information about the iControl Densité Upgrade Manager.

If you using an appserver with iControl to control and monitor the IPG-3901 card, you will be required to install the new iControl service package on the appserver, once again using the (DUM).

Make sure that the card has already the good firmware, and select the "Upgrade" option on (DUM), that will upgrade the iControl service only.



If you don't have the proper installation to upgrade the firmware, you can update the SD card manually

- De-zip update package iControl package
- To update the SD card content, copy "firmware-x.x.x.xx.zip" file to SD card and rename it to "ipg3901-upgrade-vx.x.x.x.zip"

Ex : "firmware-1.3.2.23.zip" will change to "ipg3901-upgrade-v1.3.2.32.zip"

- Shut down and de-slot the IPG board;
- Remove SD card from IPG board;
- Copy "ipg3901-upgrade-vx.x.x.x.zip" file to the update partition;
- Put back the SD card into the IPG board;
- Re-slot the IPG board and let it boot;
- It should upgrade by itself using the IPG DUM upgrade scripts;