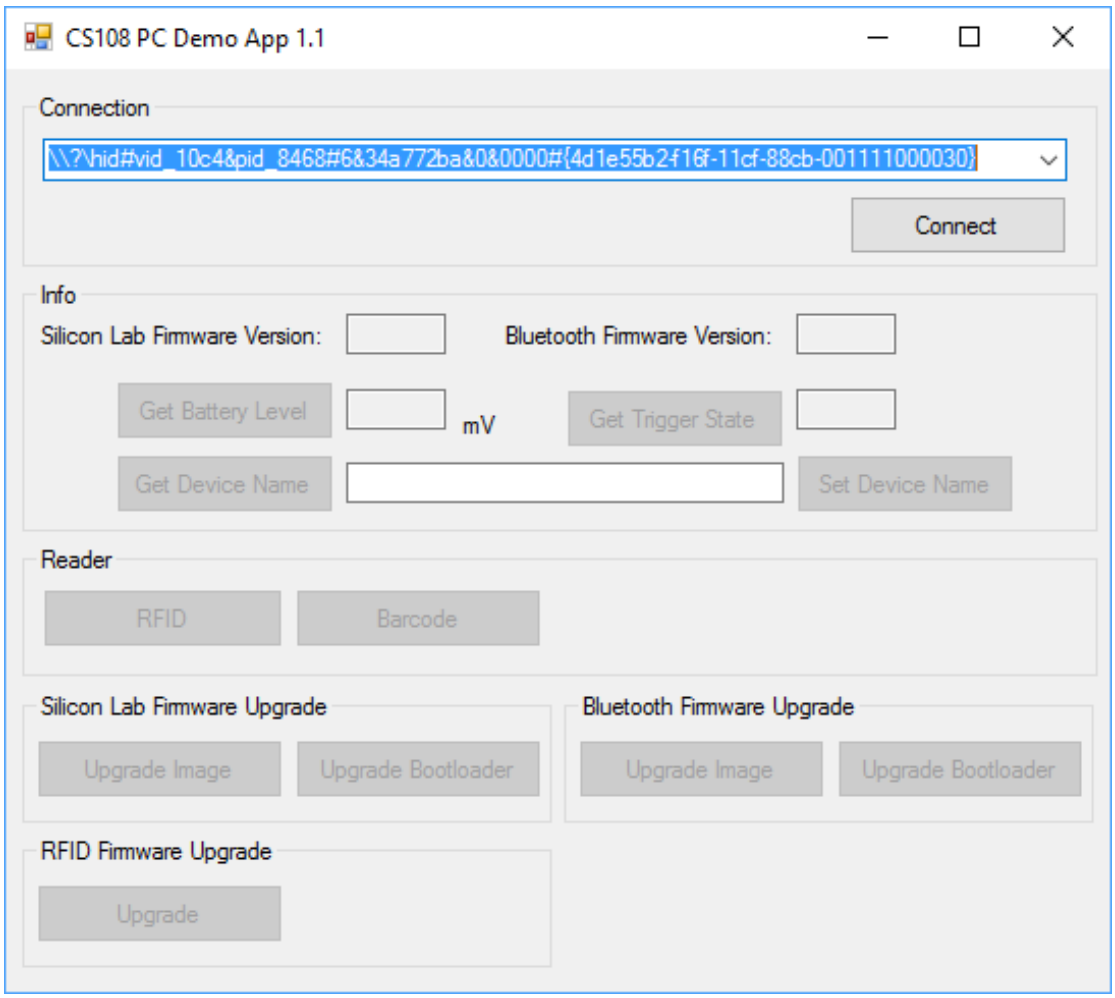
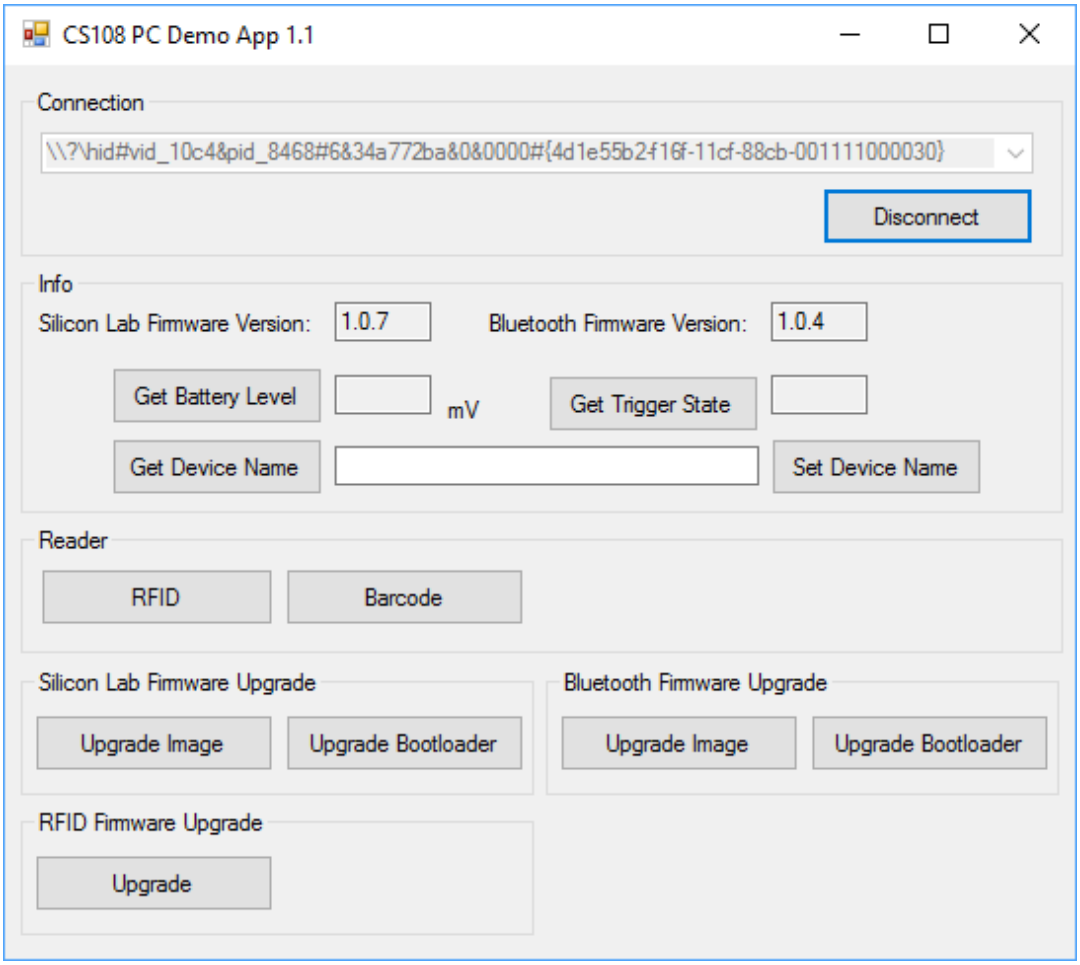
CS108 Upgrade Manual V1.1

1. Charge up battery of CS108 to at least 90%
2. Connect USB cable from CS108 to PC
3. Run CS108 USB PC Demo App (CS108 PC Demo App.exe) You should see a device connectable.]

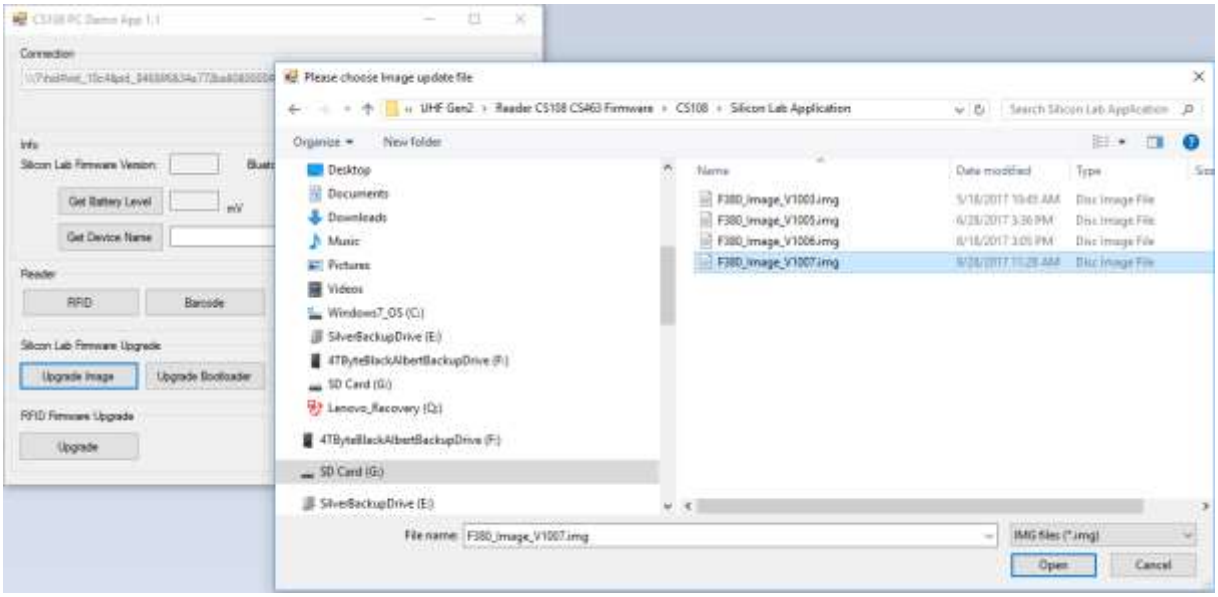


4. Press the “Connect” button to connect:

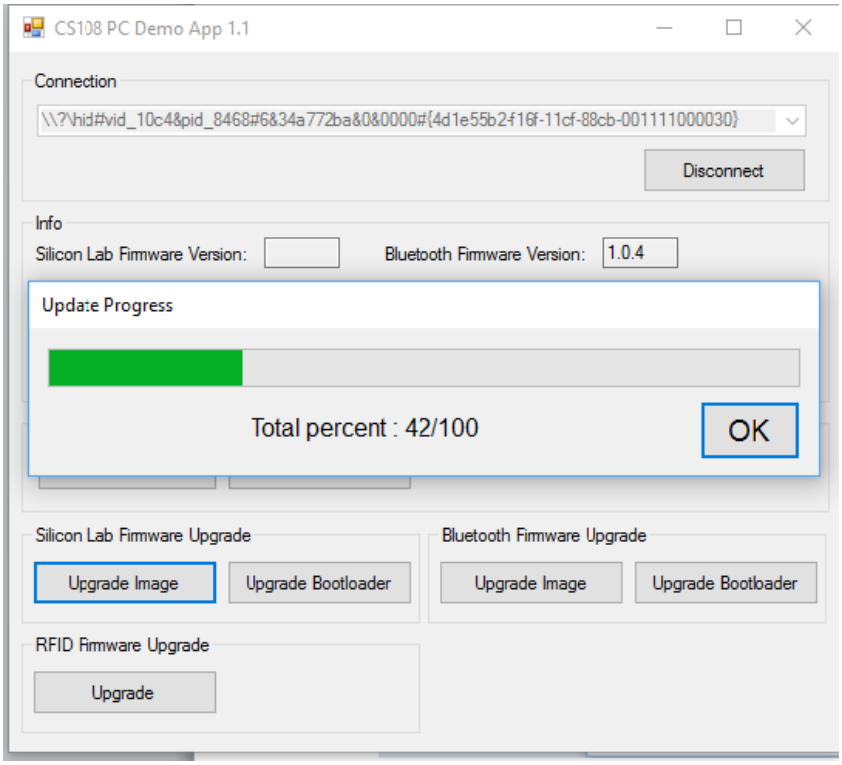
The greyed out buttons now appear black and active:



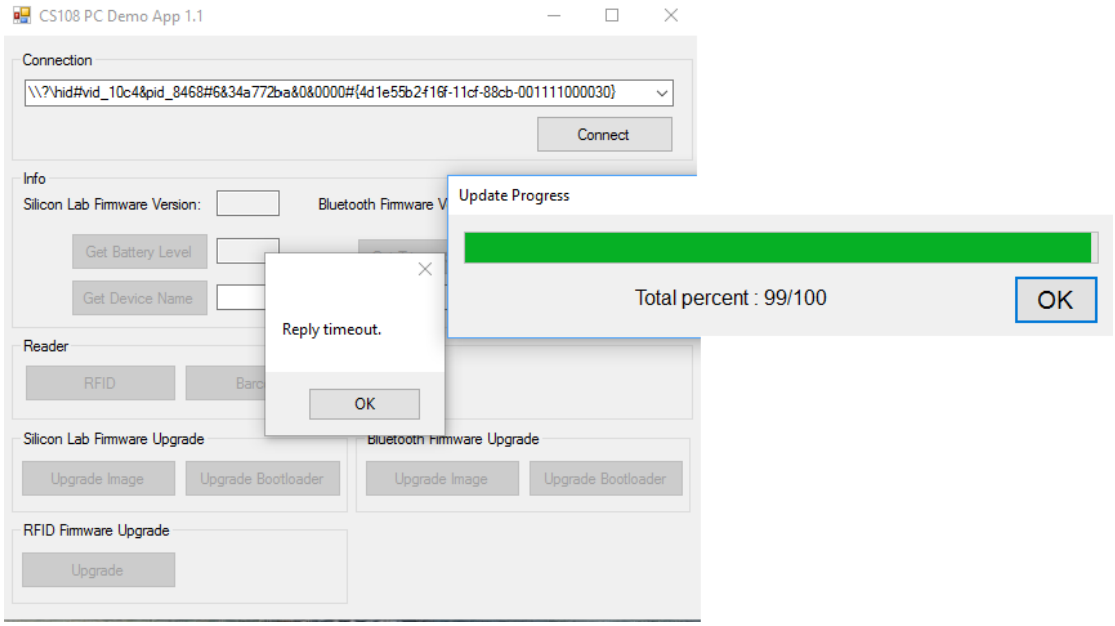
5. For **Silicon Lab firmware upgrade**, press the “Upgrade Image” button in the Silicon Lab Firmware Upgrade box.
   A file opening window will pop out. Select the Silicon Lab image file with a **.img extension** to upgrade and press the “Open” button:



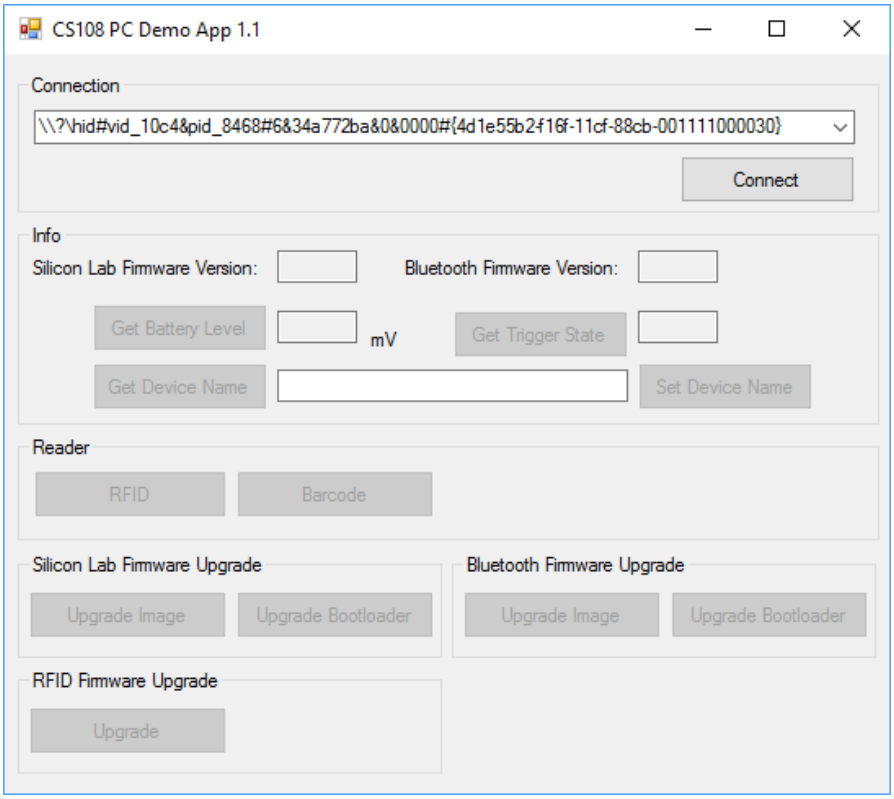
A progress bar will appear:



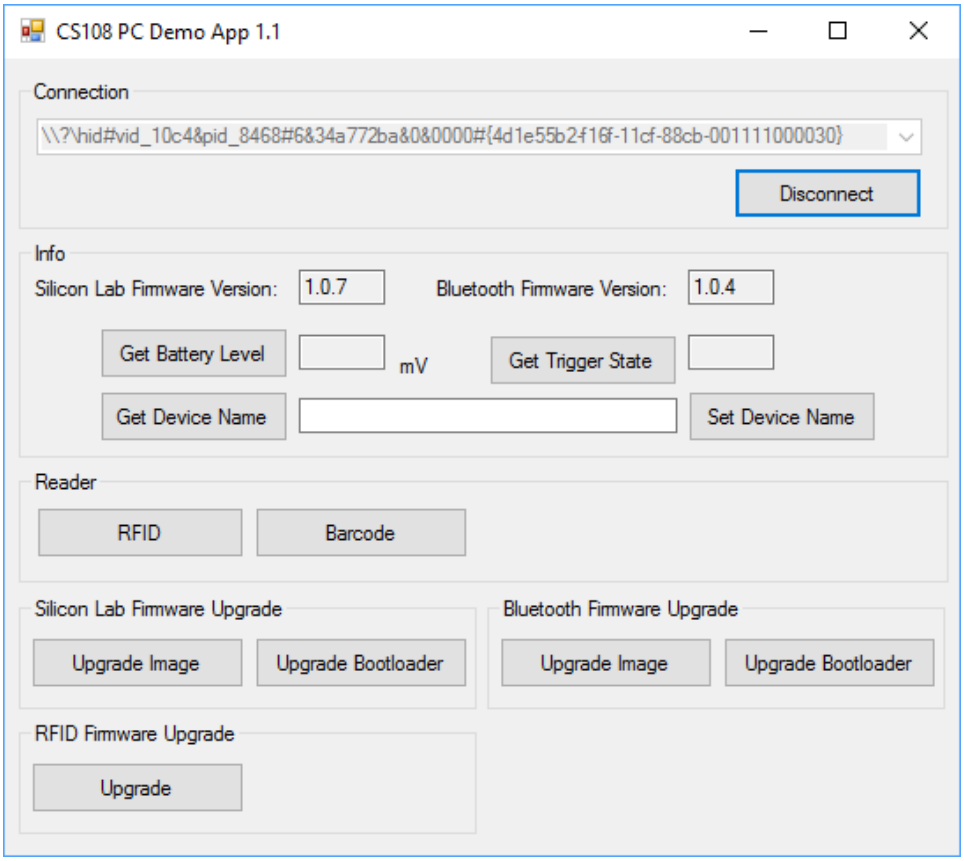
At the end, a small “Reply timeout” window will pop up. Do not be alarmed. Just press the “OK” button on that small pop up window, then press the “OK” button on the Update Progress window:



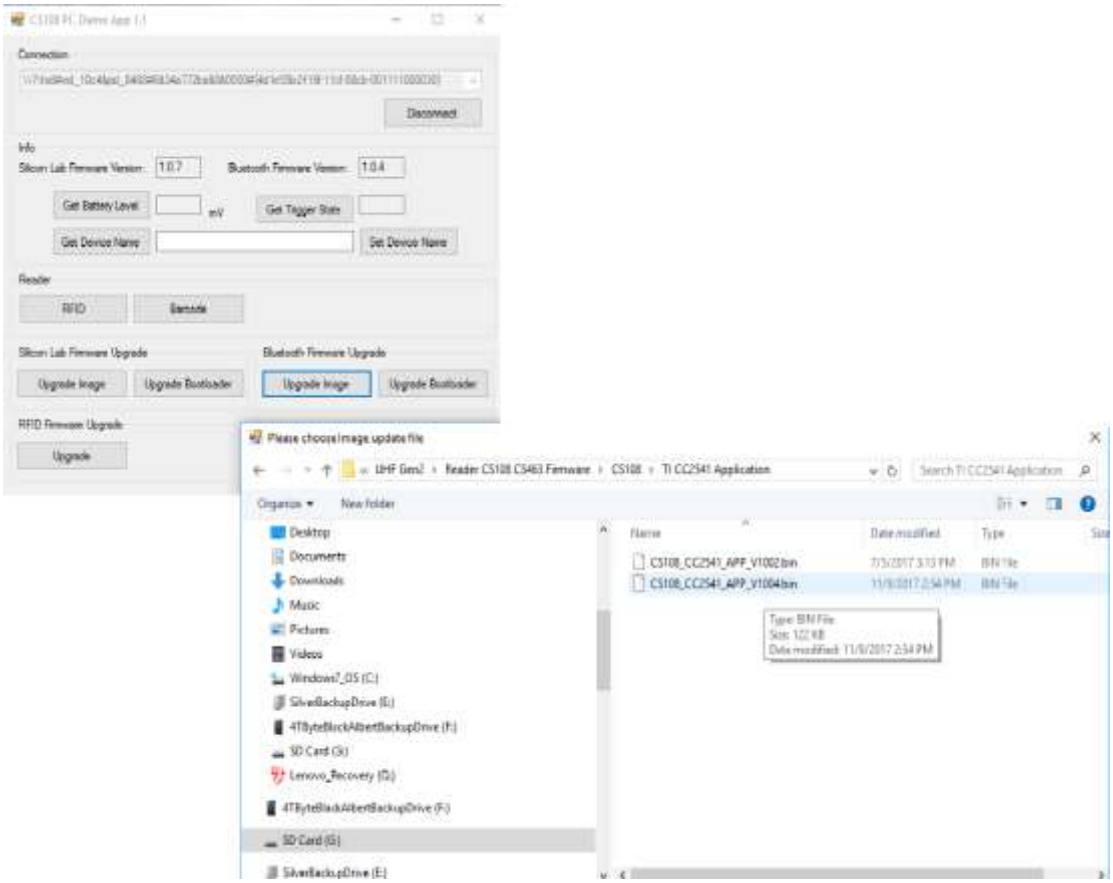
After that, the window would show the reader not connected but the device ID again appears available in the Connection box:



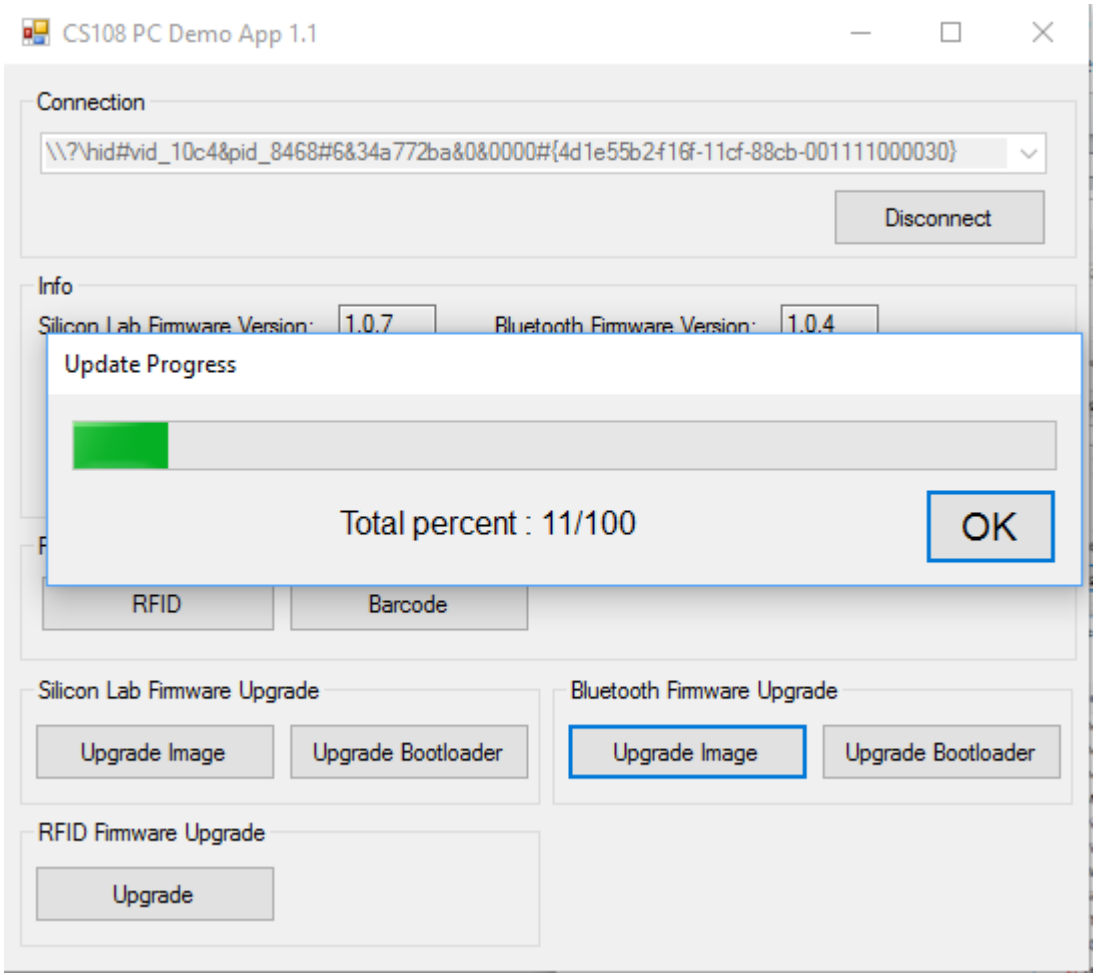
At this point, press the “Connect” button again to connect to the reader:



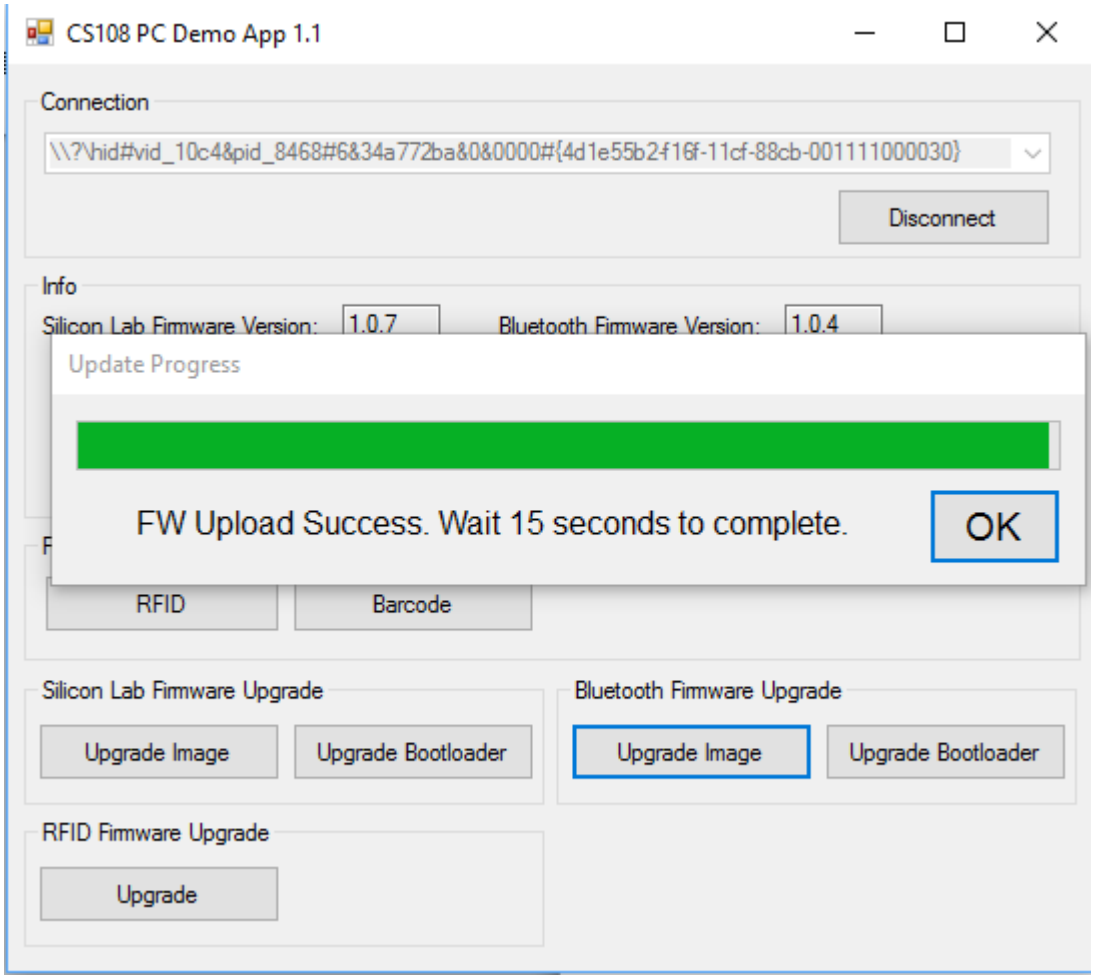
6. To **upgrade Bluetooth firmware**, press the “Upgrade Image” button in the Bluetooth Firmware Upgrade box. A file open window will pop up. Select the appropriate Bluetooth firmware App with a **.bin extension** and press the “Open” button:



You will then see a progress bar popping up:

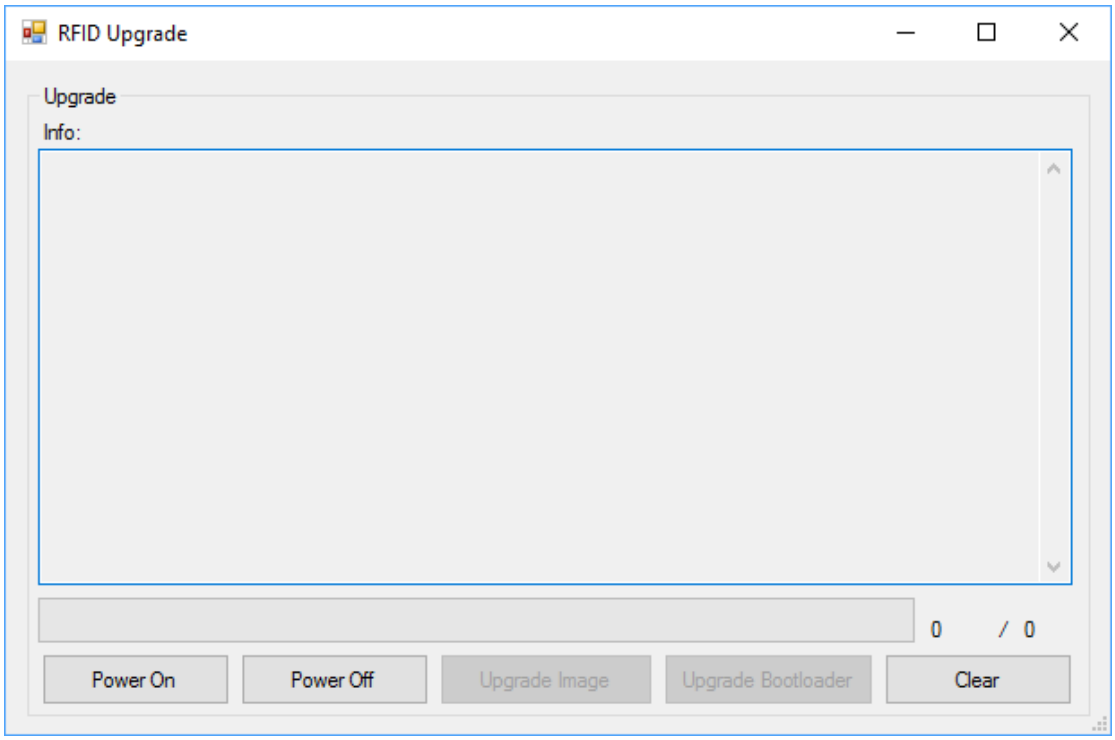


At the end, a window will pop up asking you to wait 15 seconds. Please wait 15 seconds and press the “OK” button:

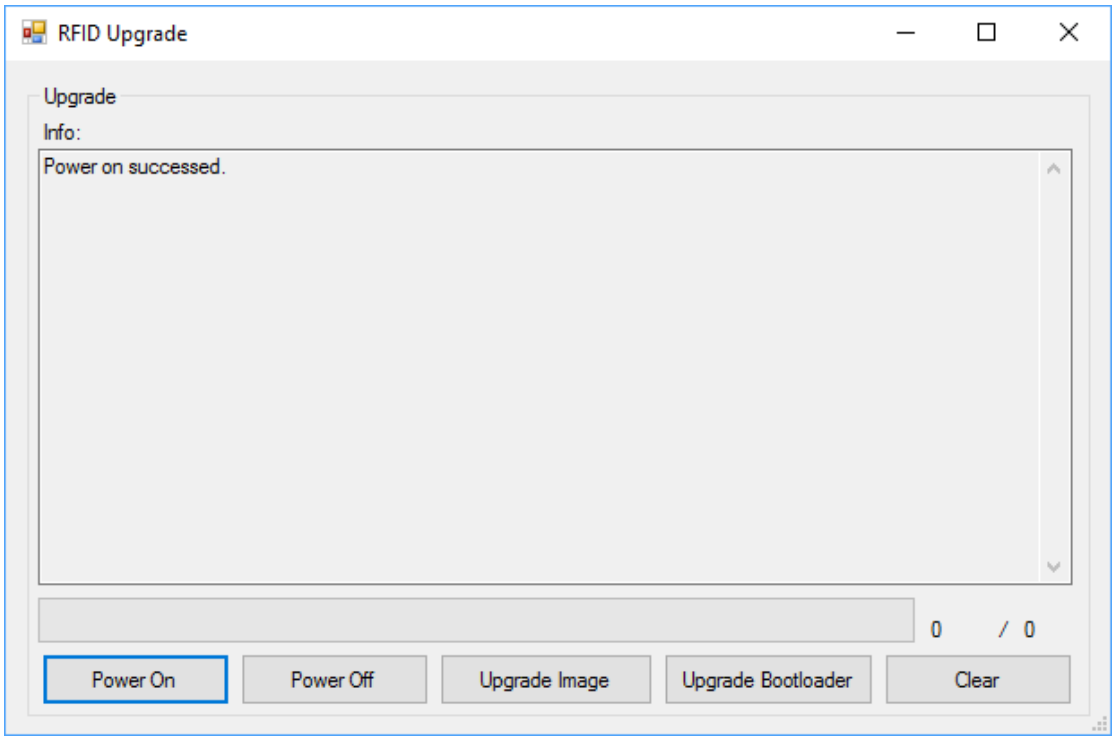


After that, the Bluetooth firmware upgrade is completed. This time, the reader is still connected.

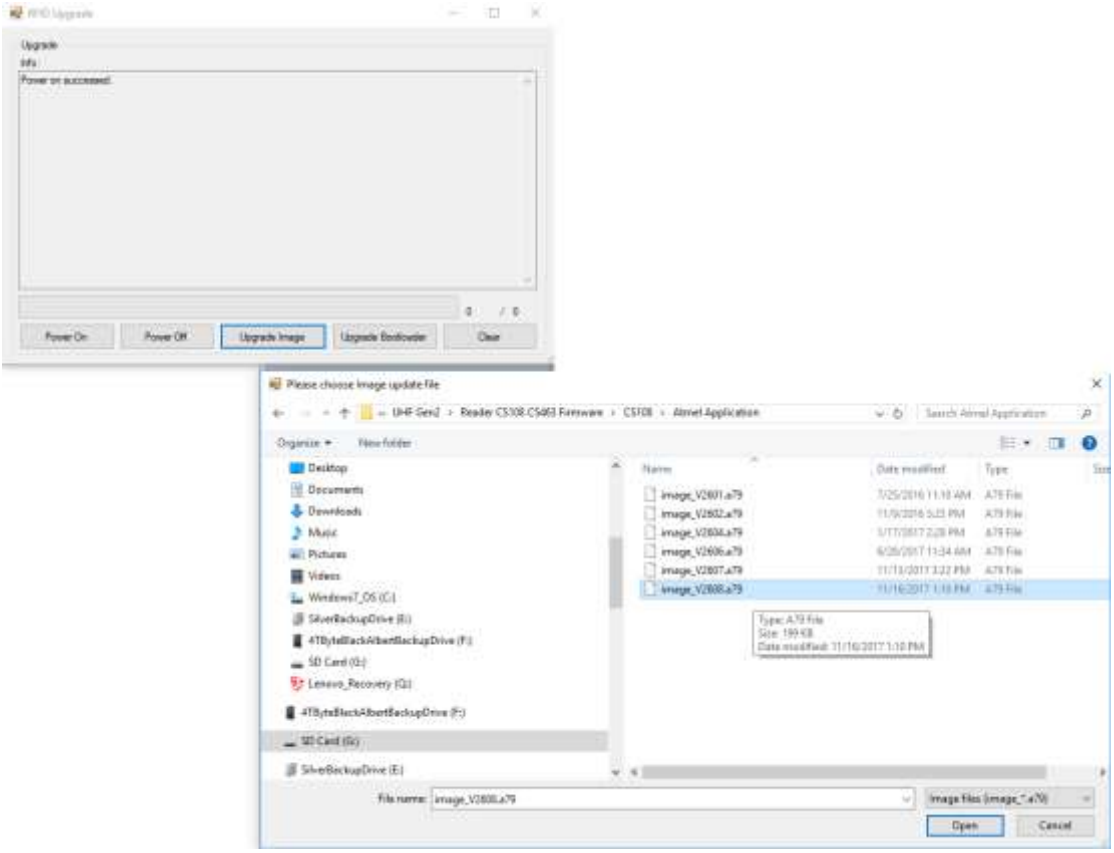
7. To upgrade RFID firmware, press the “Upgrade” button in the RFID Firmware Upgrade box. A separate window pops up:



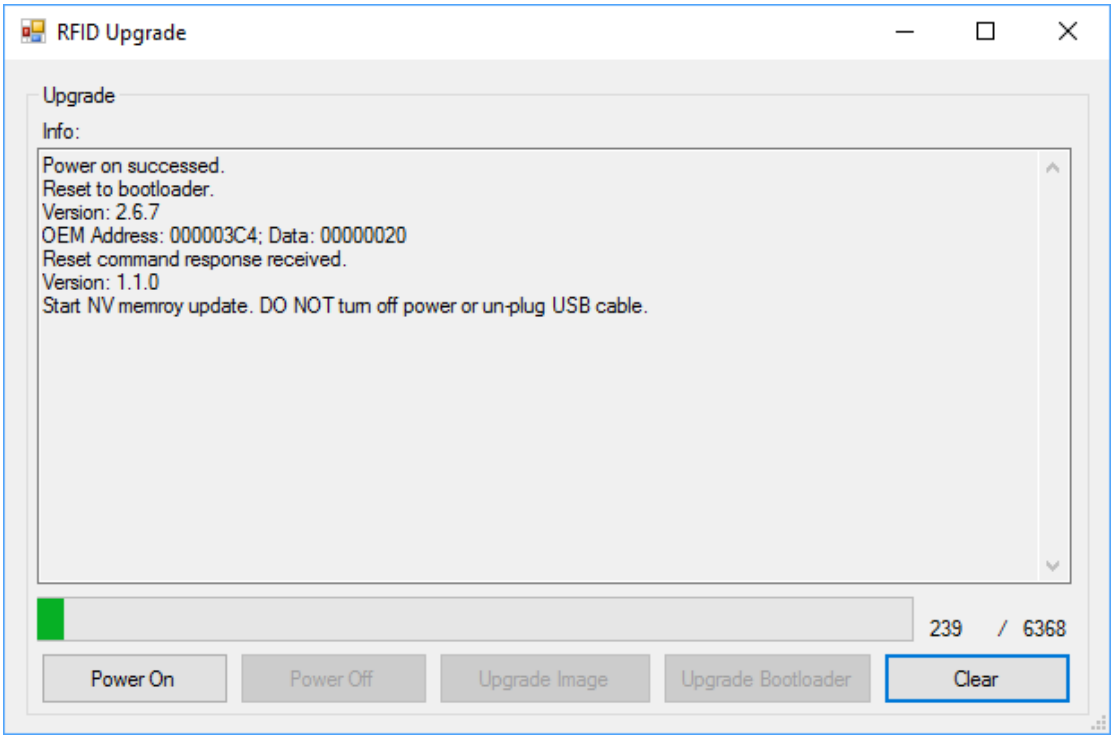
Press the “Power On” button:



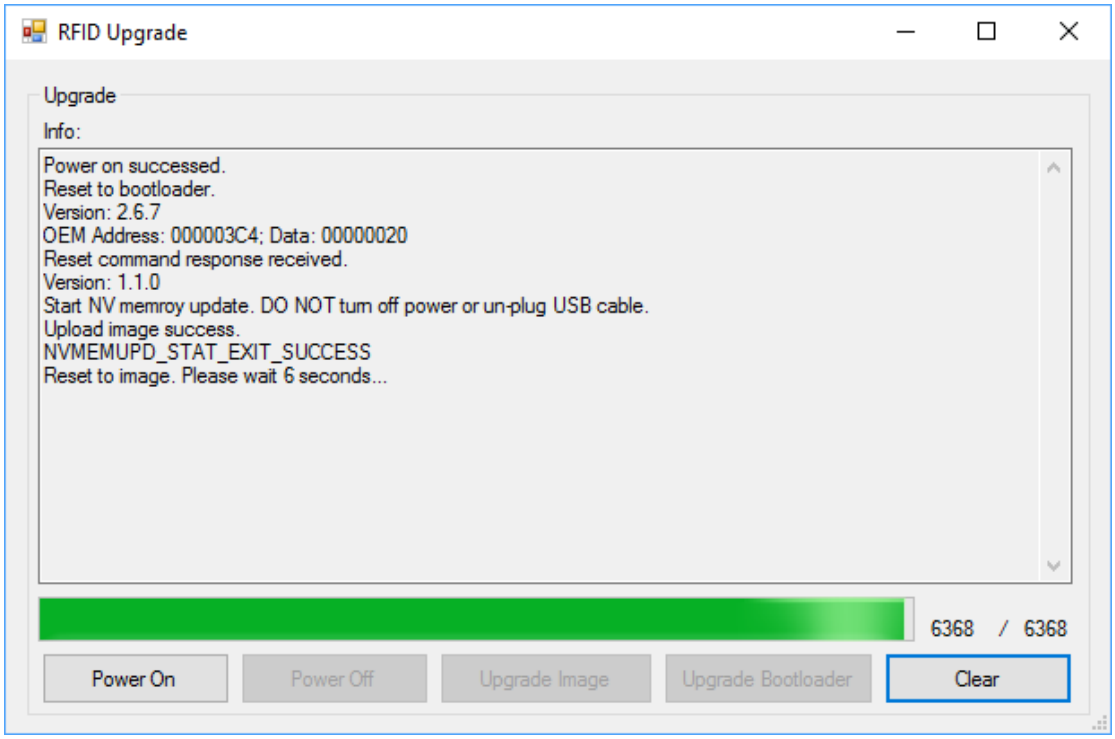
Then press the “Upgrade Image” button, a file open window pops up. Select the RFID firmware with a **.a79 extension** and press the “Open” button:



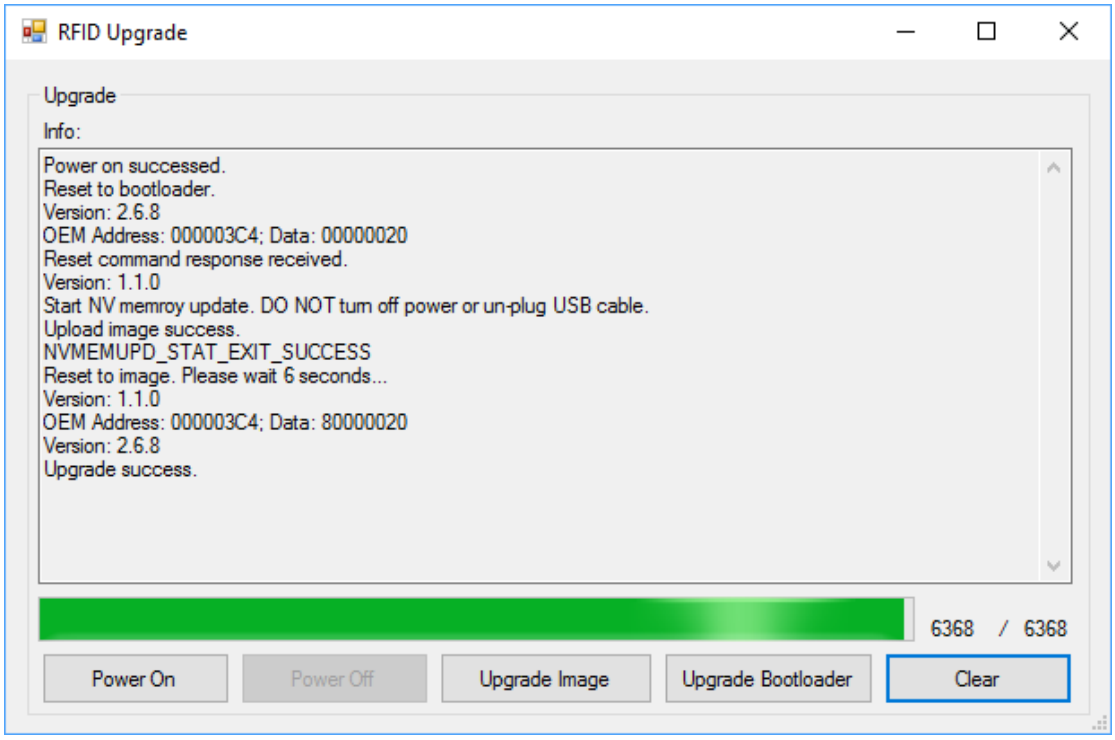
A progress bar appears:

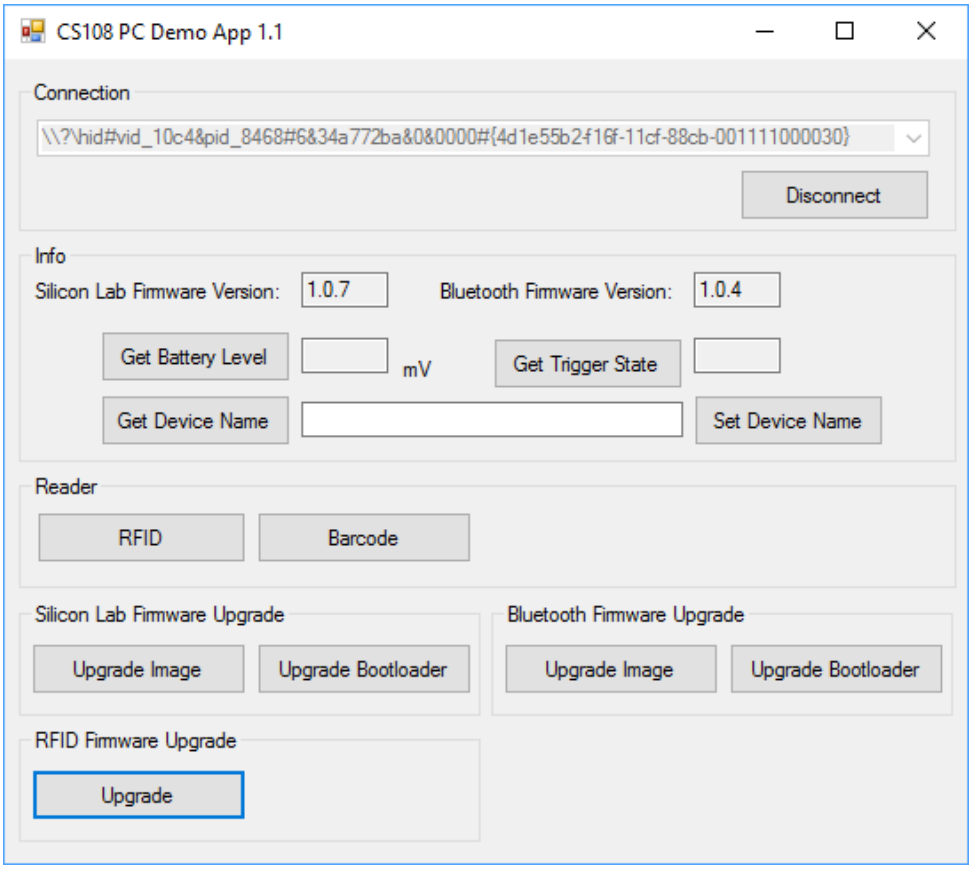


When it is completed, it asks you to wait for 6 seconds. Please wait.



Then finally you will see Upgrade Success message. Press the “X” button at the upper right corner of the window.



This will bring you back to main window and you are still connected to the CS108

reader. Your RFID Application upgrade is now completed: