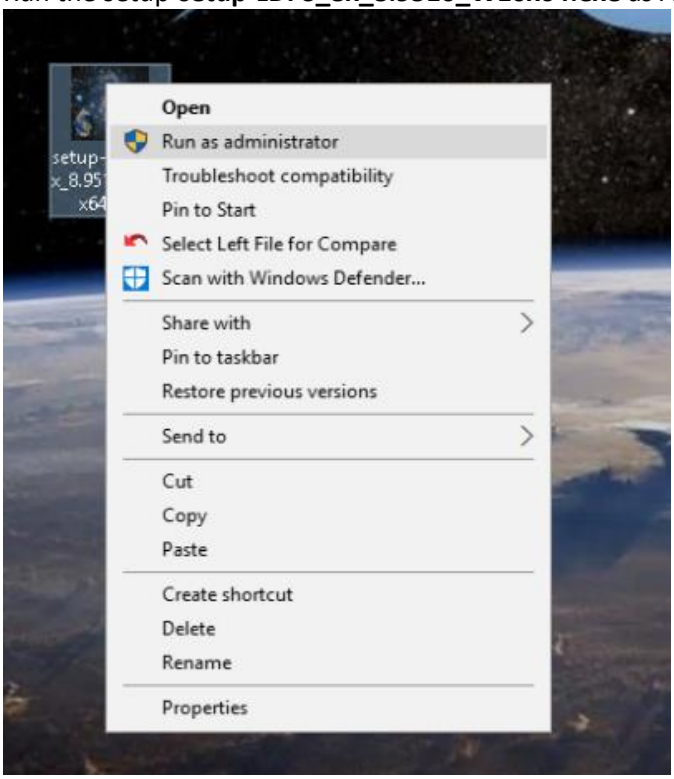
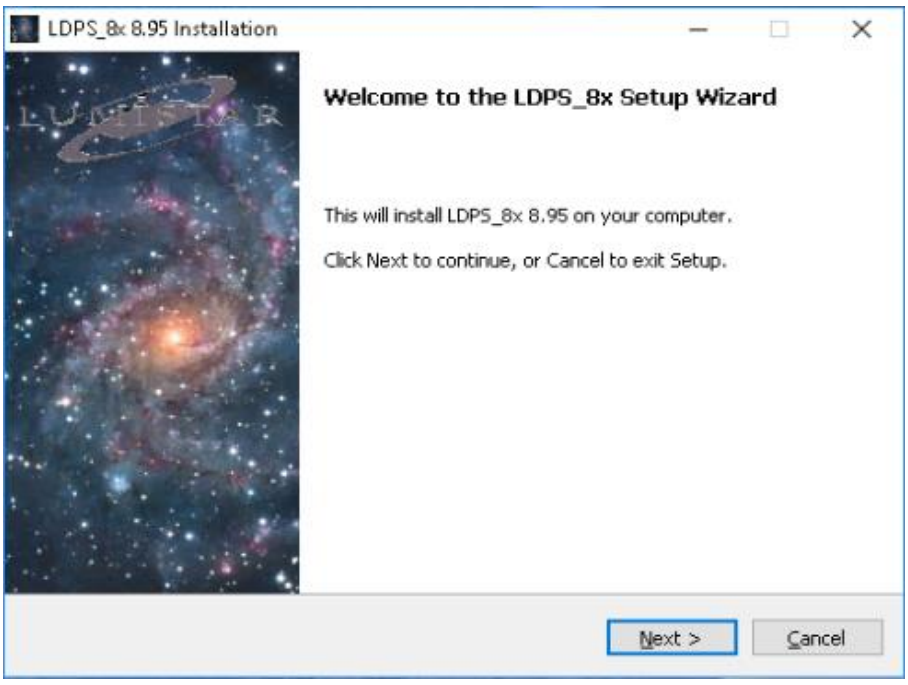
How to install LDPS_8x version 8.9510 for Windows 10 (x64)

You can download the install and update files from:

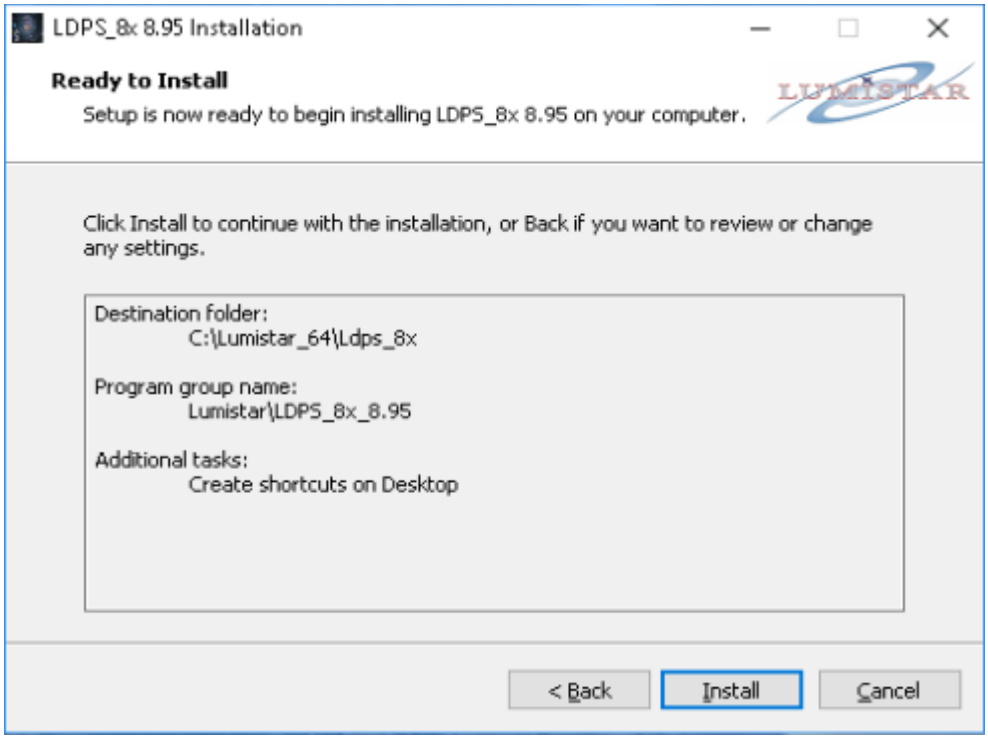
https://lumi-star.com/uploads/LDPS_8x_Win10-64/setup-LDPS_8x_8_9510_W10x64.exe
and
https://lumi-star.com/uploads/LDPS_8x_Win10-64/Update_Lumistar_W10x64_Sw.ZIP

Run the setup-**setup-LDPS_8x_8.9510_W10x64.exe** as Administrator:

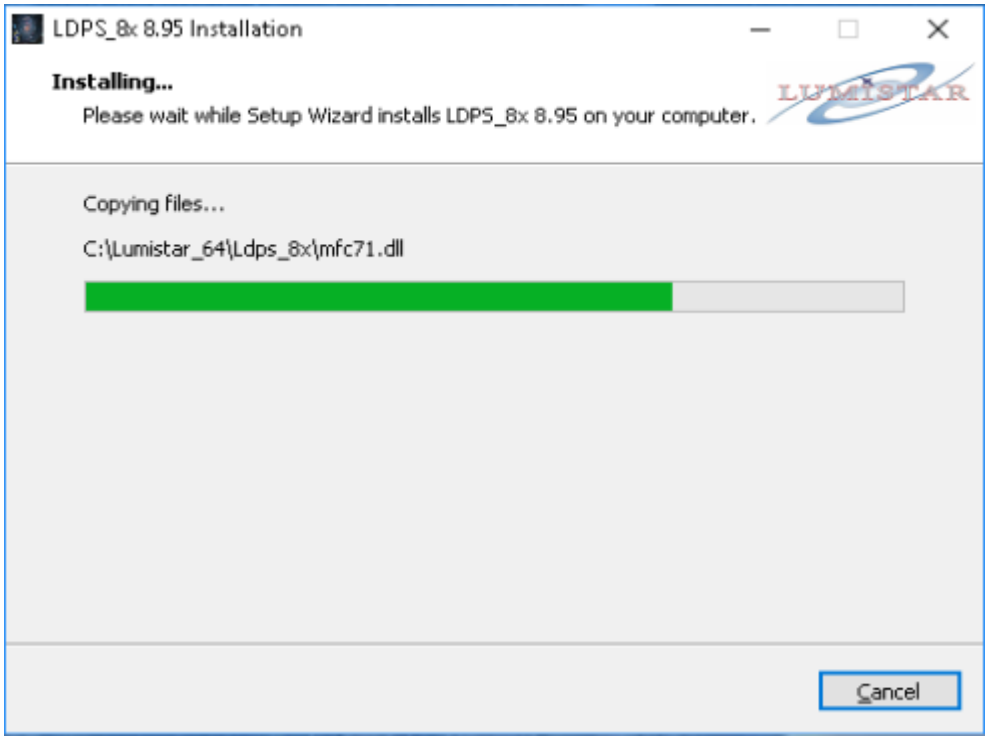


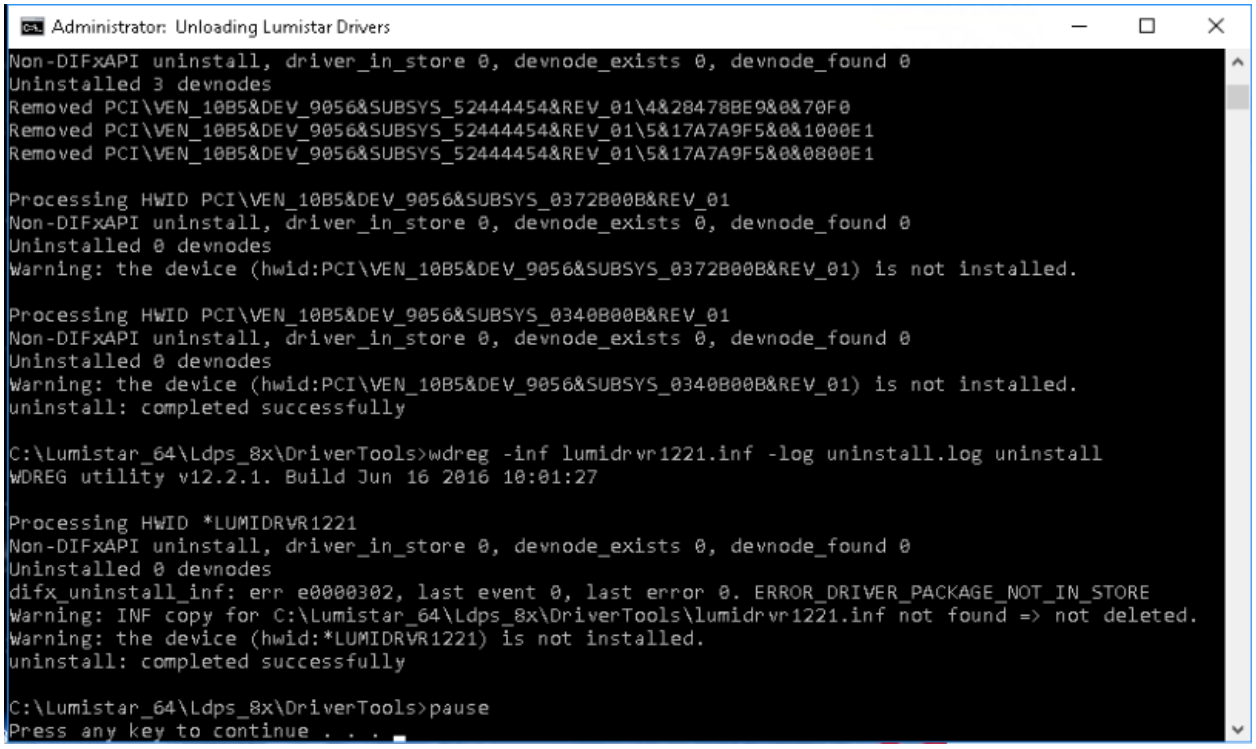


Click **Next**

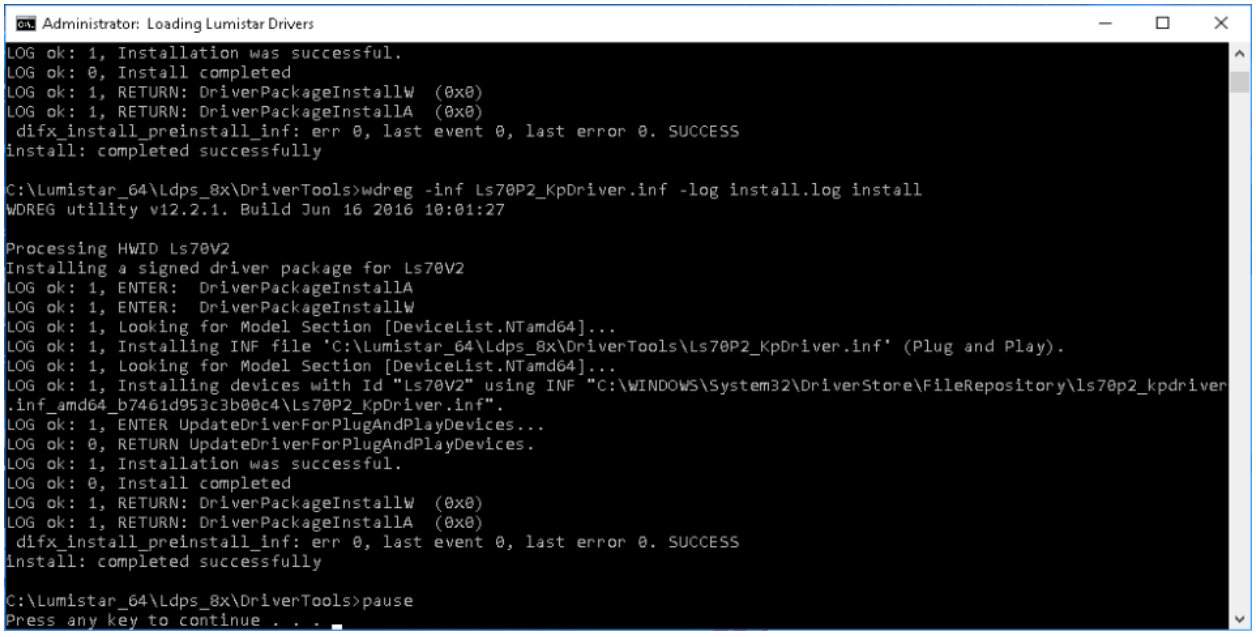


Click **Install**

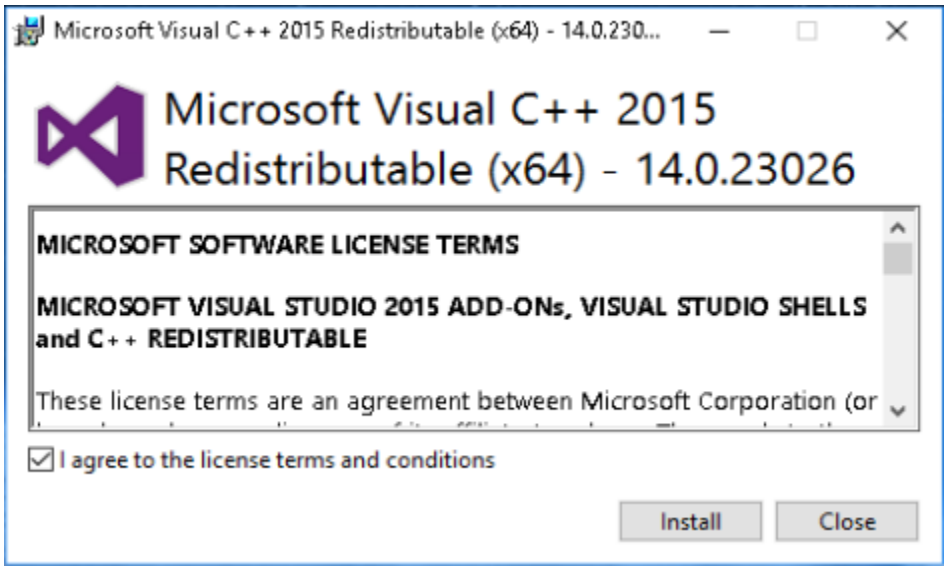




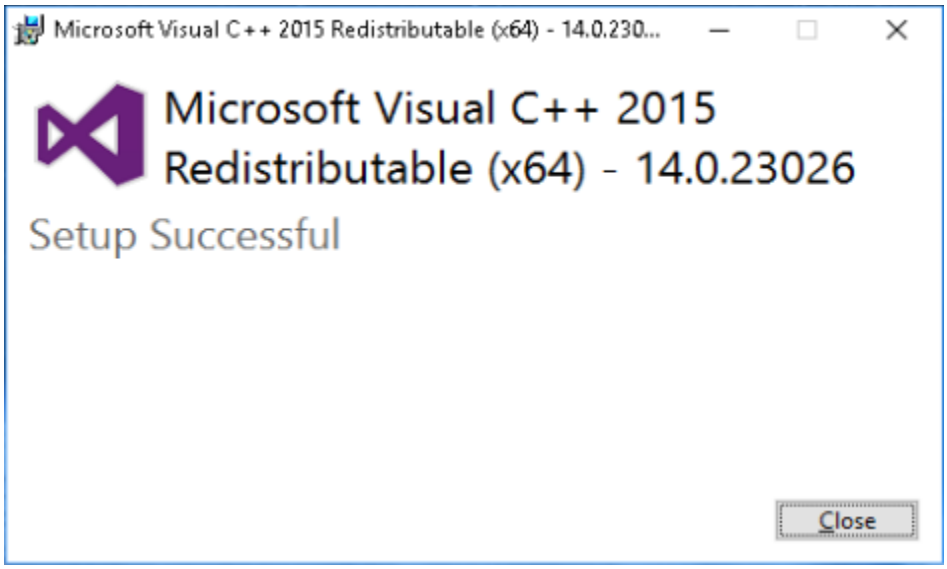
Press any key to continue . . .



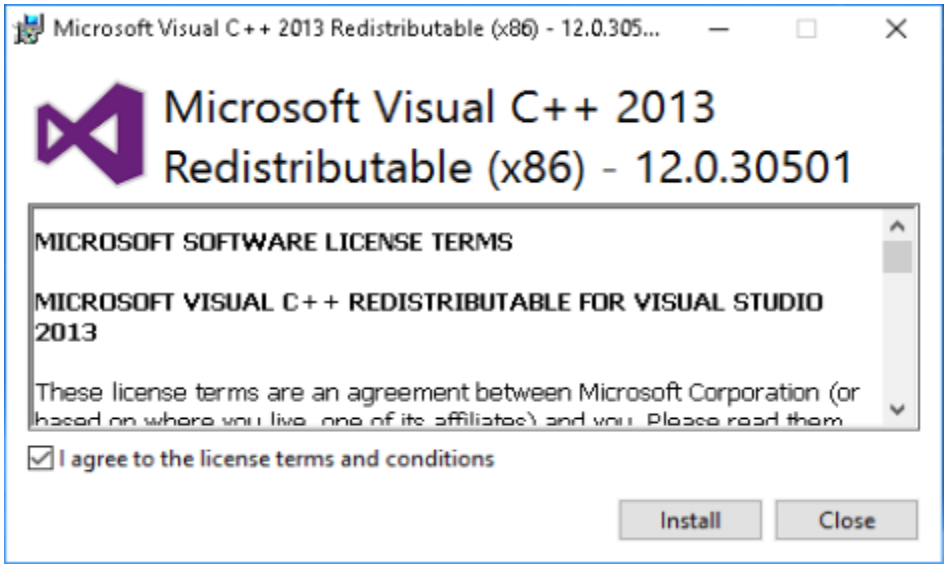
Press any key to continue . . .



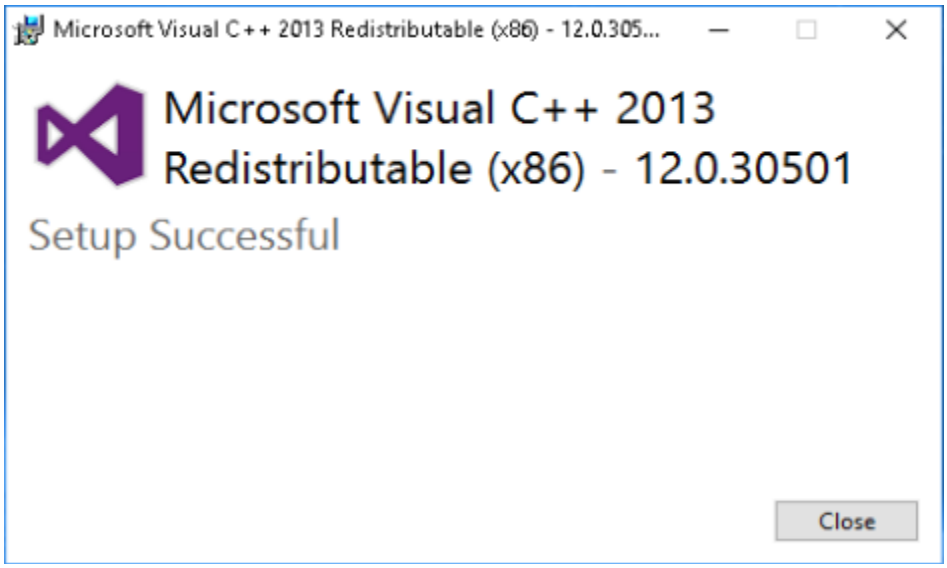
Check the **I agree to the license terms and** conditions CheckBox, then Click **Install**



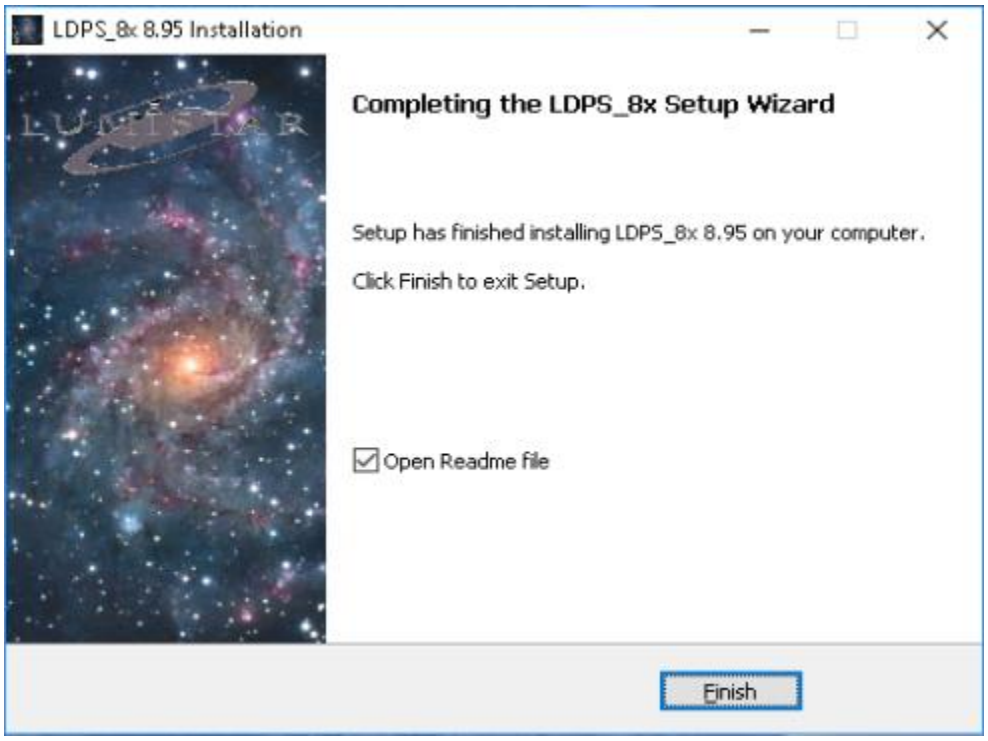
Click **Close**



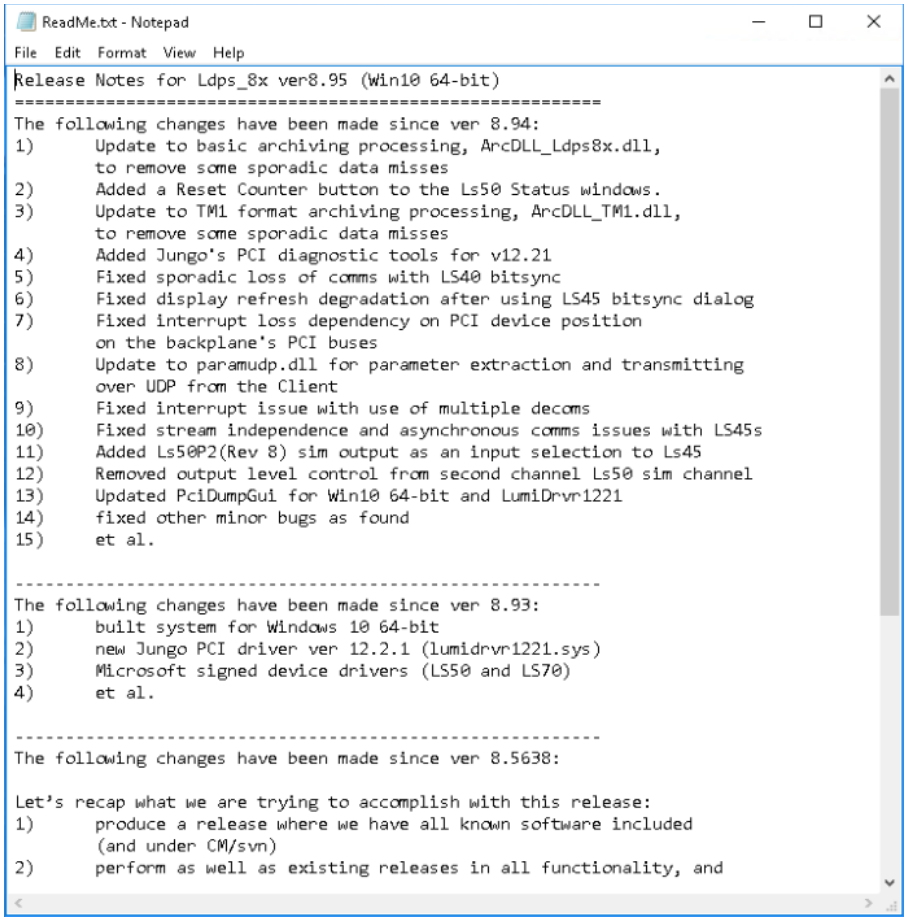
Check the **I agree to the license terms and** conditions CheckBox, then Click **Install**



Click **Close**



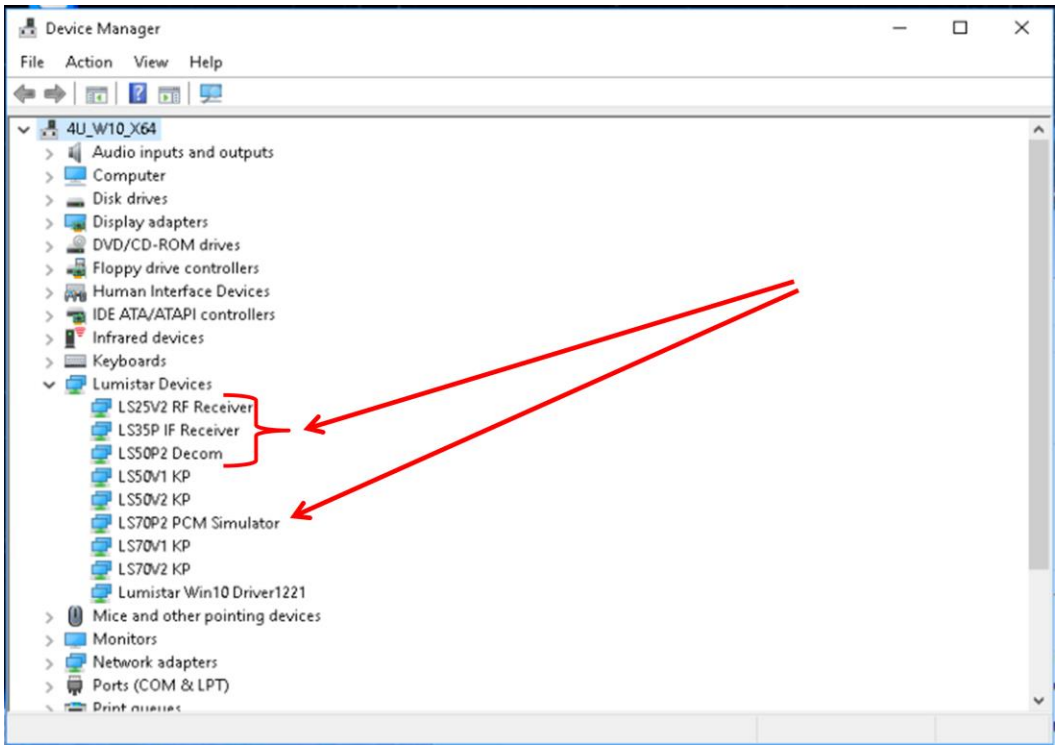
Click **Finish**



Close the **Notepad** Window

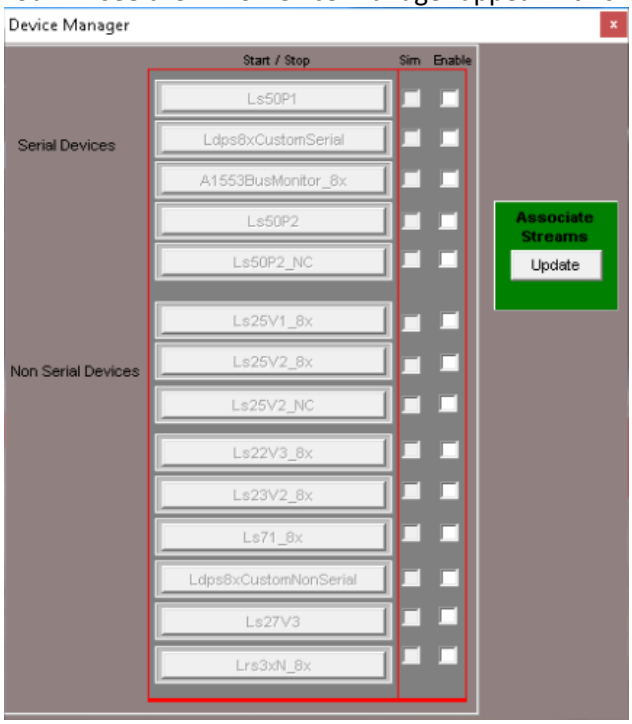
Restart your Computer "Hook" the card drivers.

Open the **Windows Device Manager** and expand the **Lumistar Devices** section, you will see the Lumistar cards installed along with the required **KP** drivers

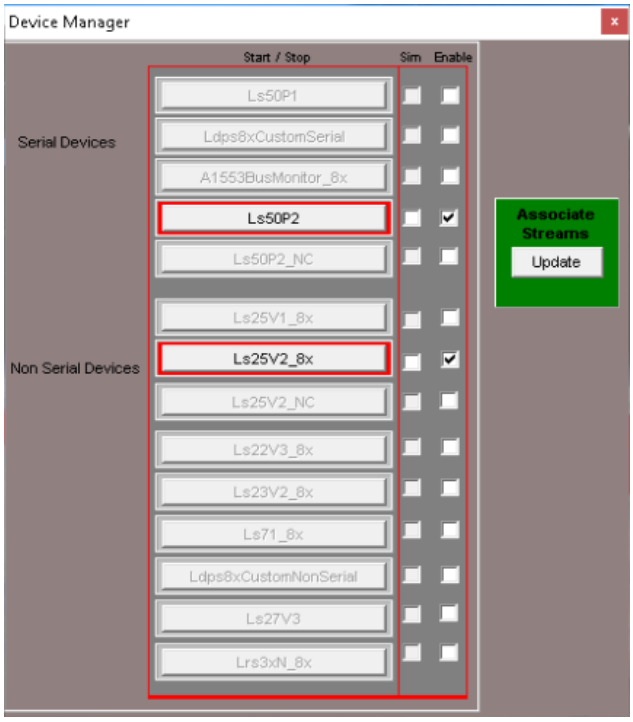


Double-Click the LDPS Server icon to launch the Server:

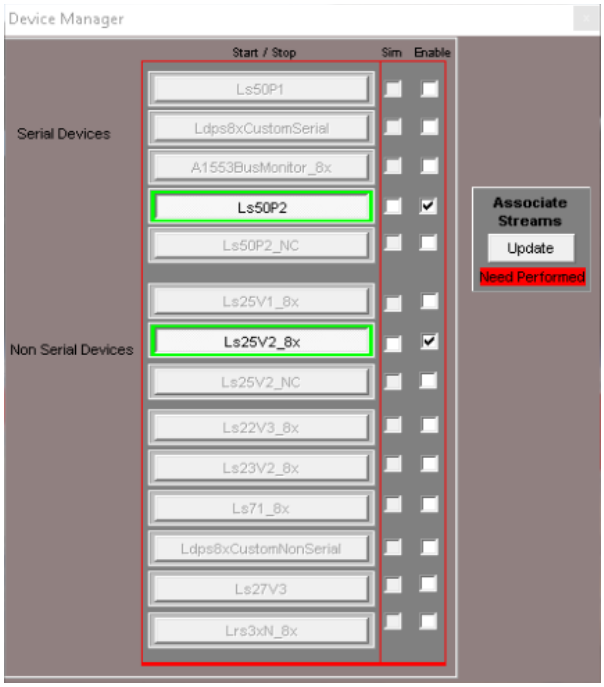
You will see the LDPS Device Manager appear if this is the first time loading LDPS_8x:



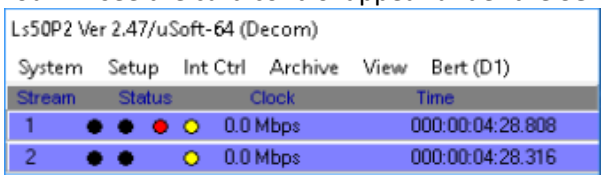
Click the CheckBox next to the Lumistar cards installed in your system:



Then Click the buttons with the Red Borders:

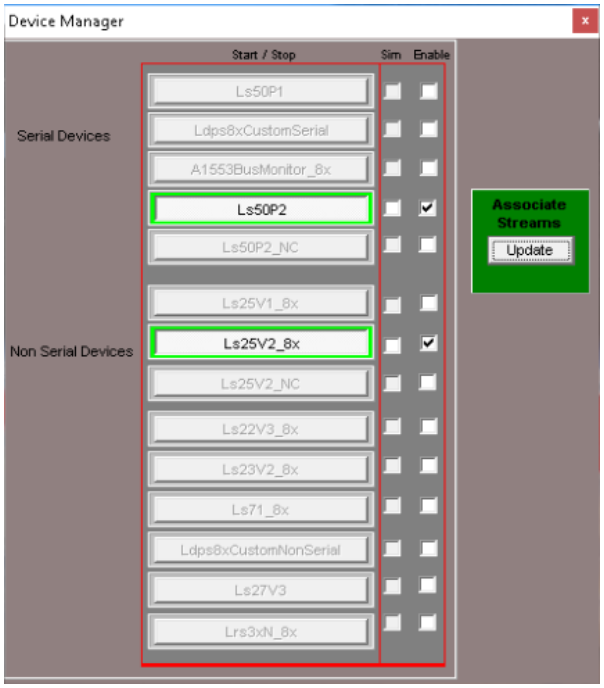


You will see the card control appear under the **Server** and the button border turns green:



NOTE: I have an LS-55 Dual Decomutator installed in my System

I also have an LS-25 Receiver installed in my System

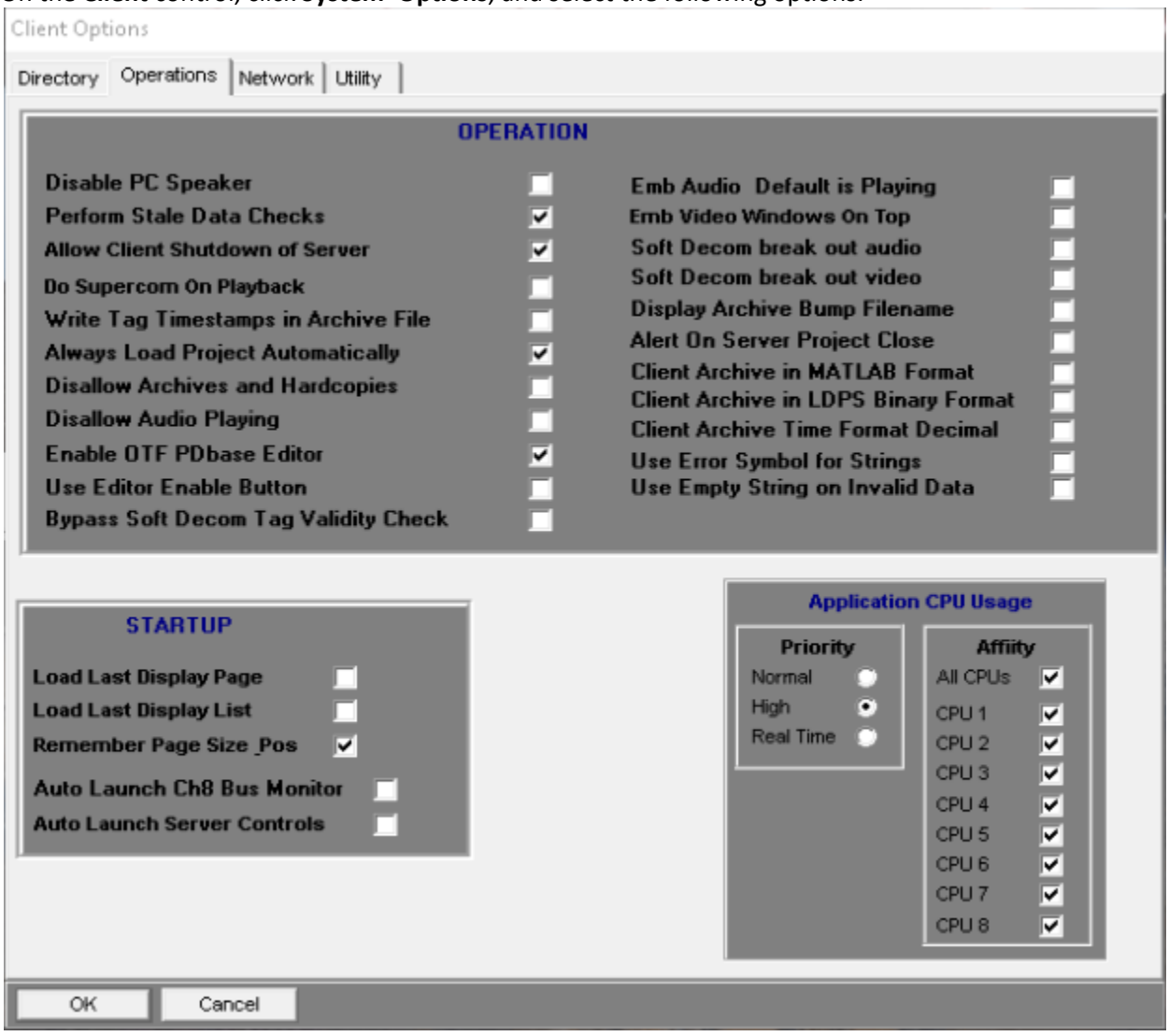


Click the **Update** button to save this configuration, the Close the **Device Manager.**

On the **Server** Click the **Start Client** Text:

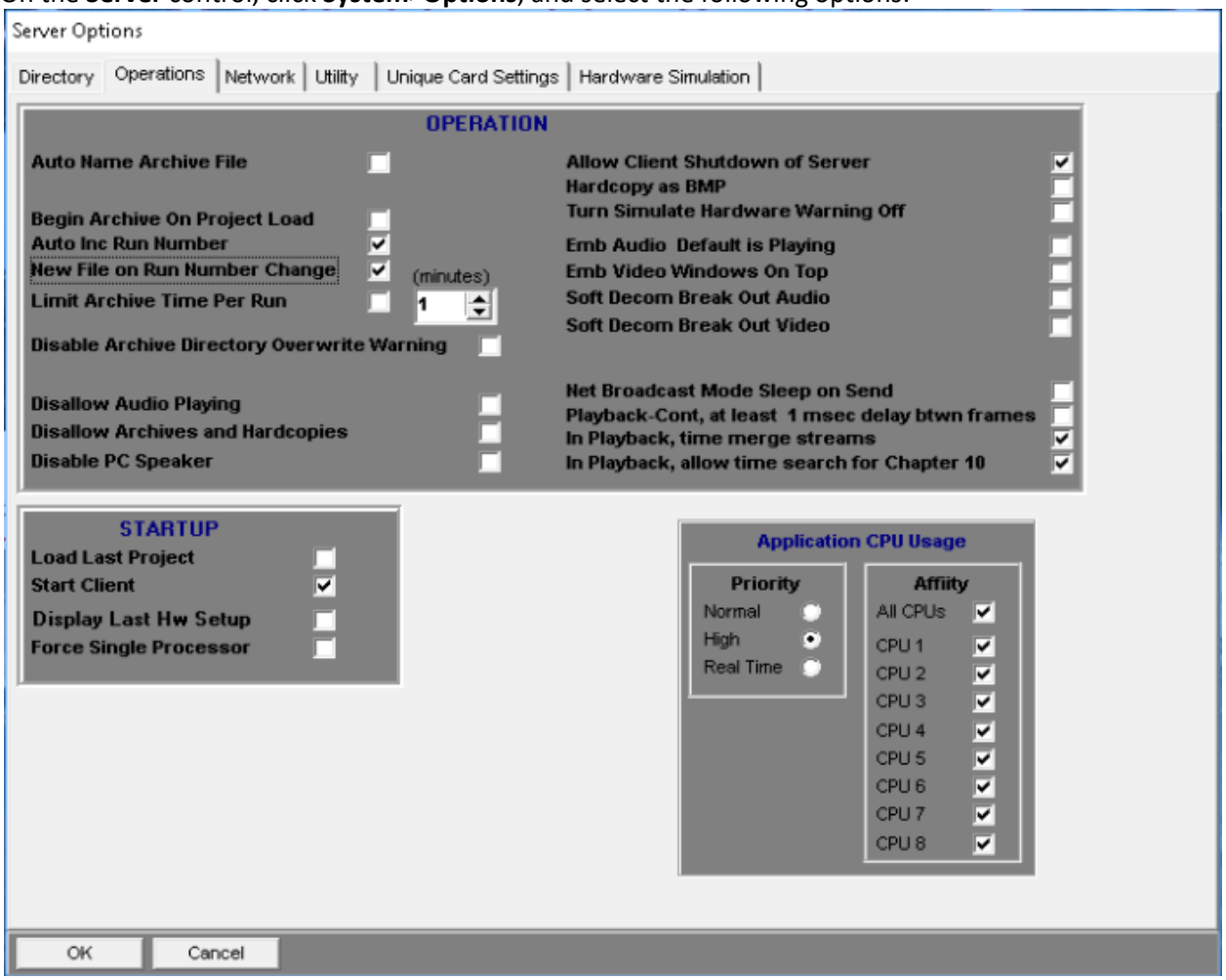
This starts the **Client**:

On the **Client** control, click **System>Options**, and select the following options:

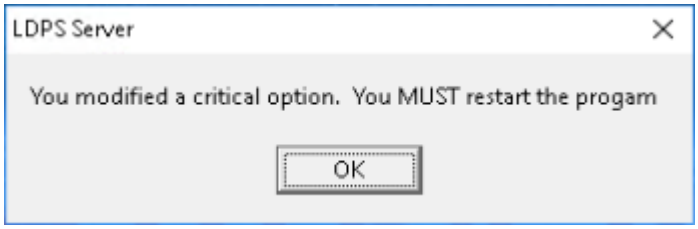


Click **OK**:

On the **Server** control, click **System>Options**, and select the following options:



Click **OK**

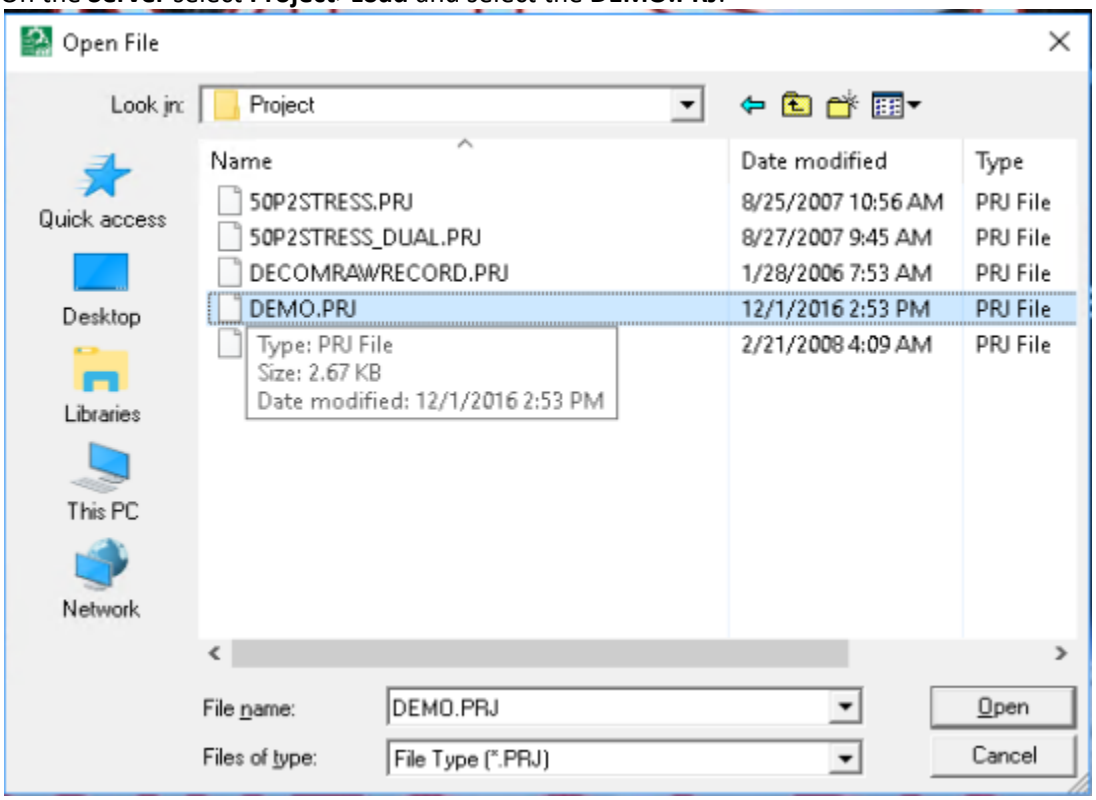


Click **OK**

Close the **Server** using the  button.

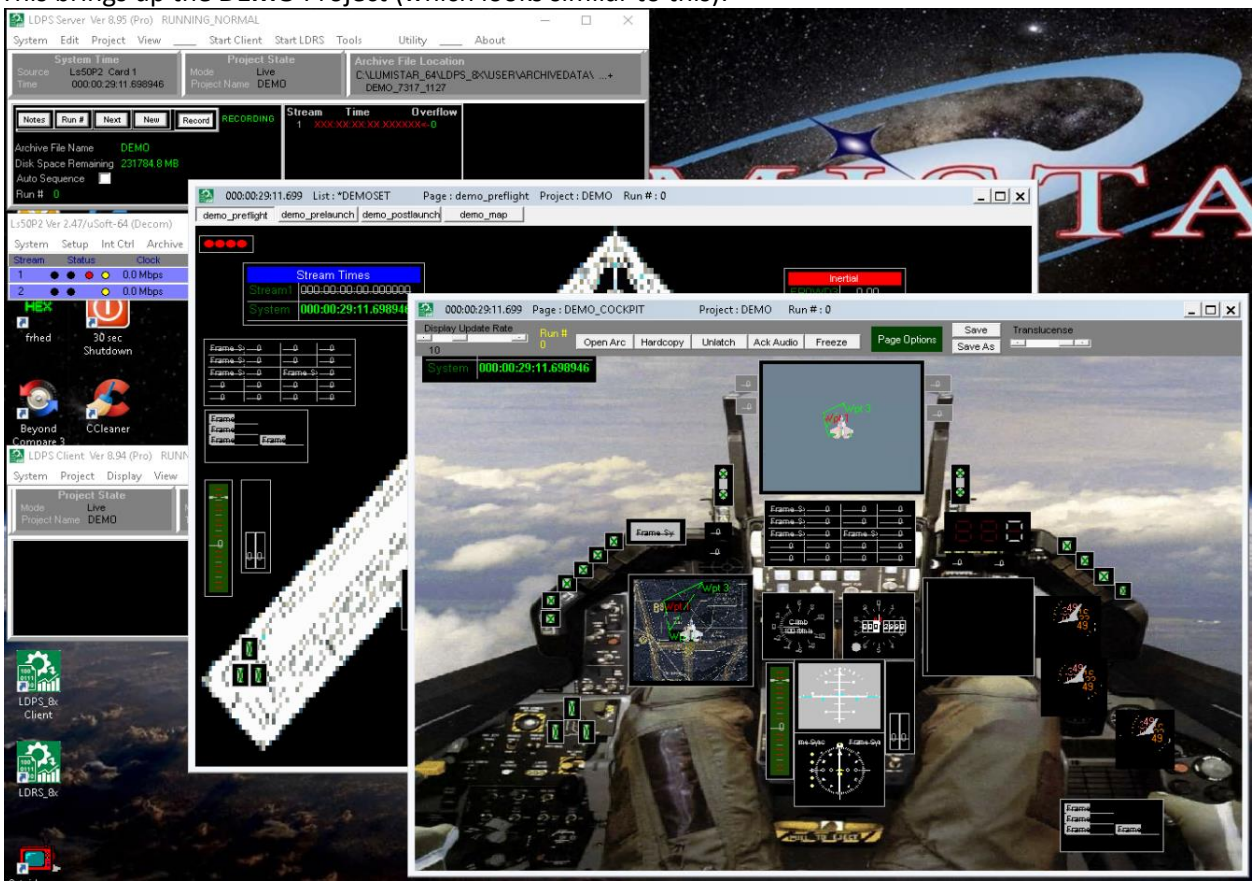
Restart LDPS_8x by double-clicking the Server Icon:

On the **Server** select **Project>Load** and select the **DEMO.PRJ**:

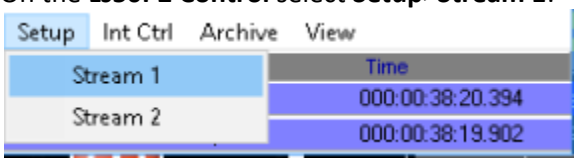


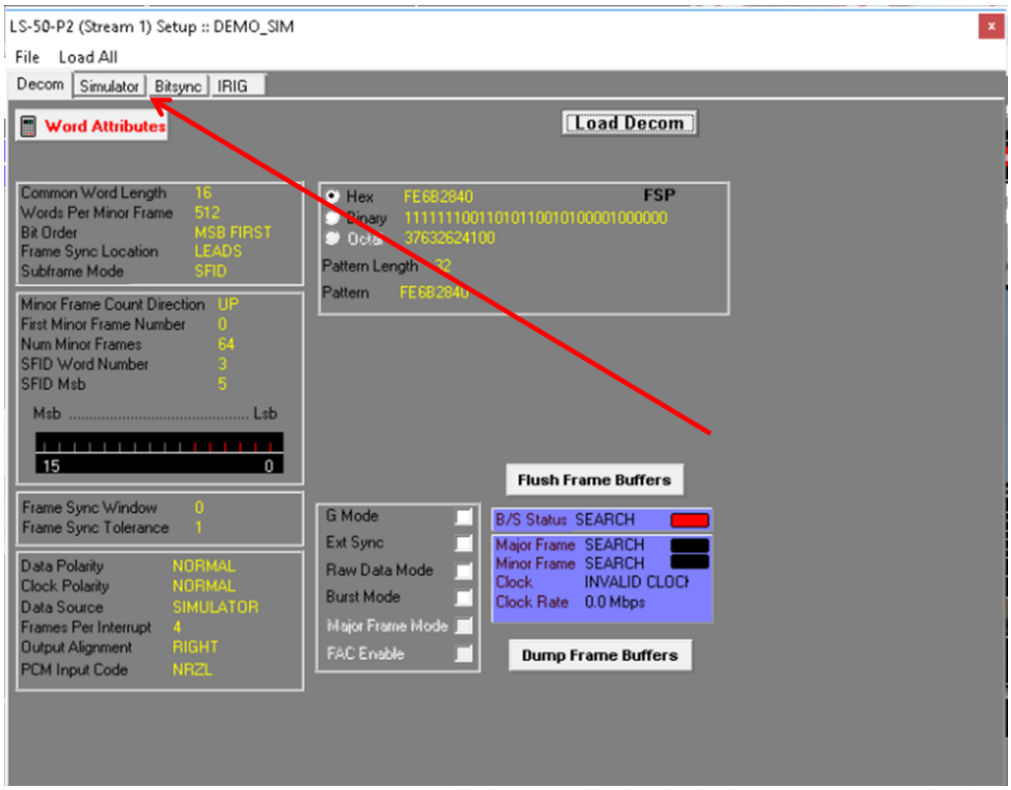
Click **Open**

This brings up the **DEMO** Project (which looks similar to this):

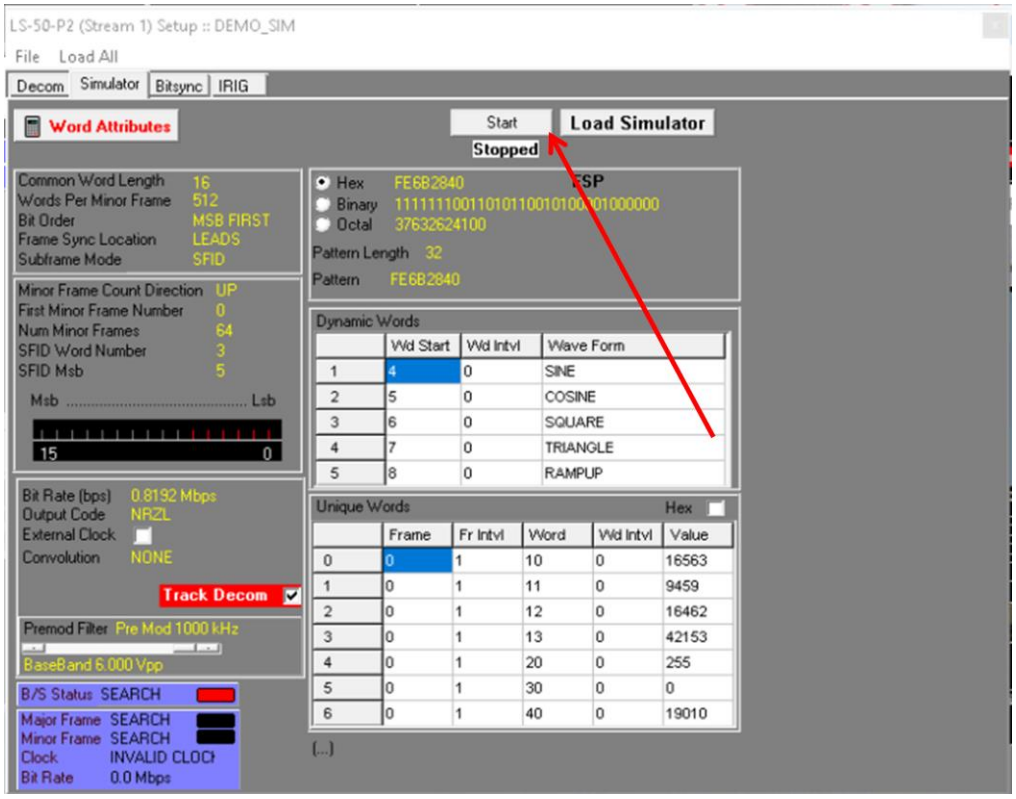


On the **Ls50P2 Control** select **Setup>Stream 1**:



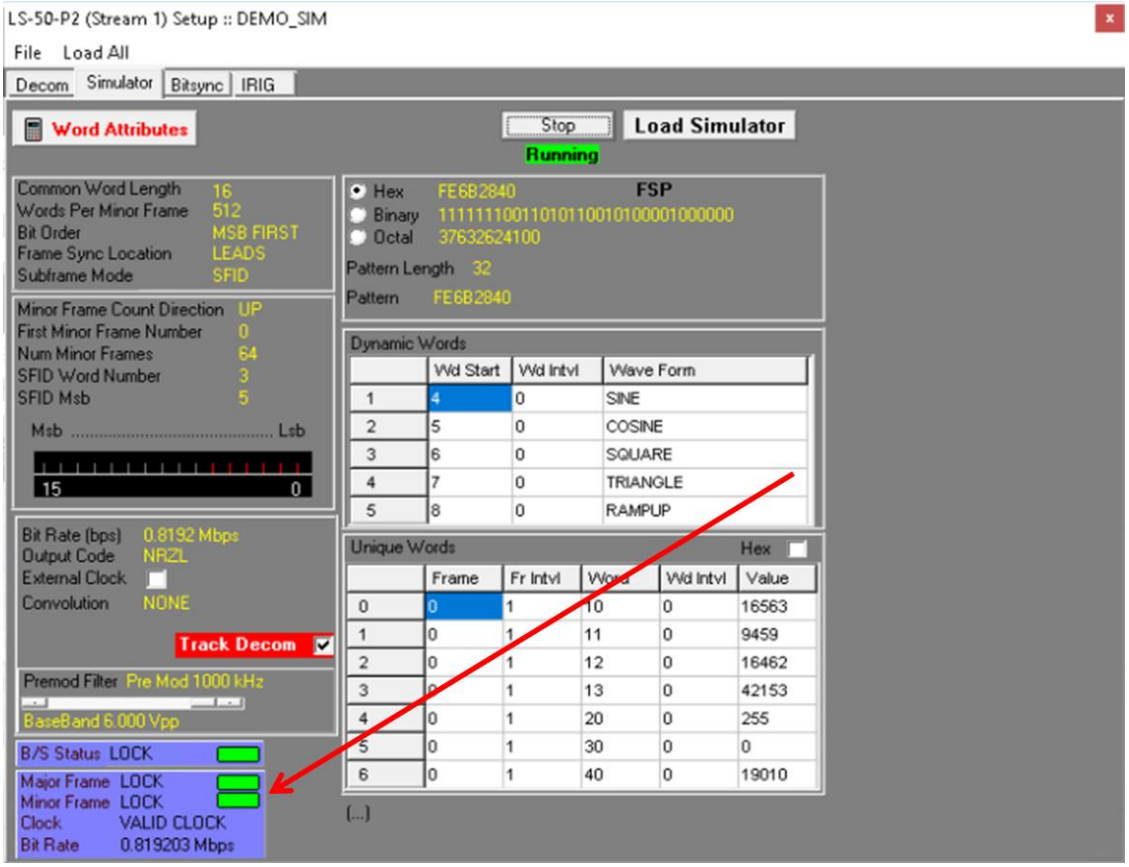


Click the **Simulator** Tab above:



Click the **Start** button to start the Stream 1 On-Board Simulator:

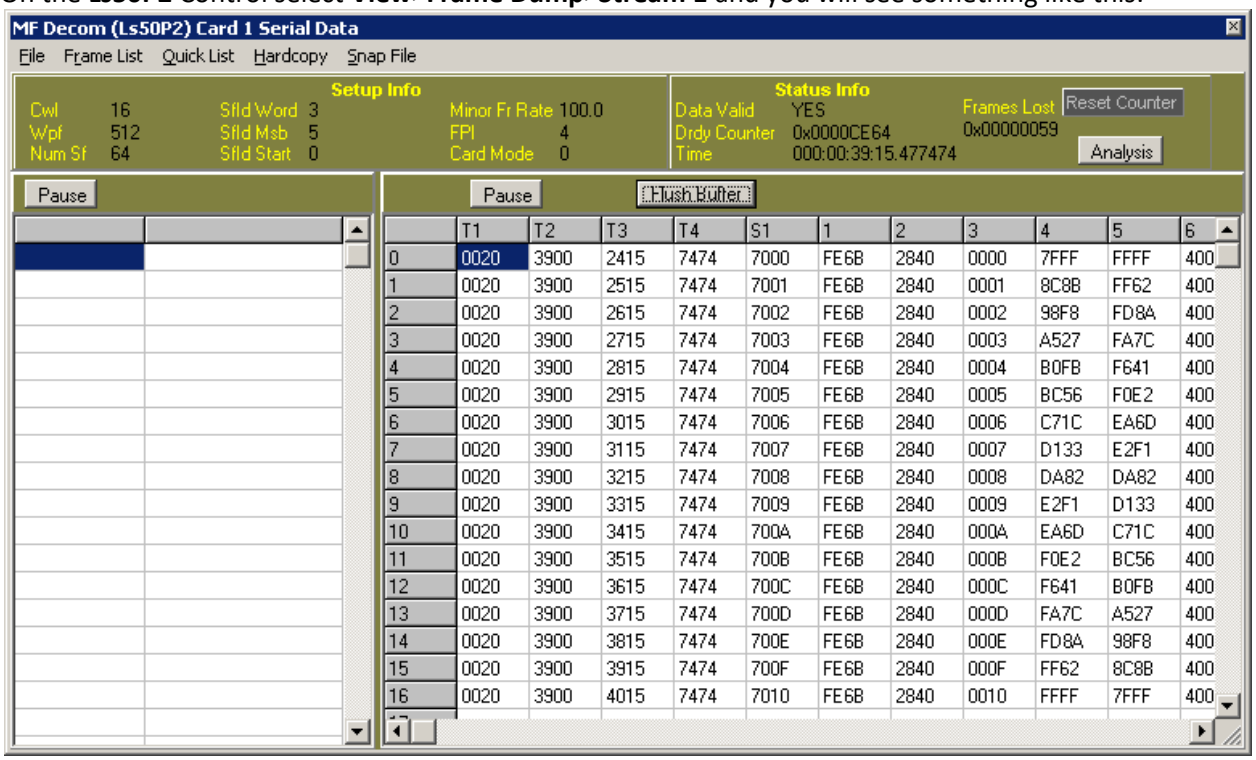
The Decommutator (Decom) will indicate a **Lock Status**:



The Displays will now be moving:

To see the data coming into the Decom Frame Buffer --

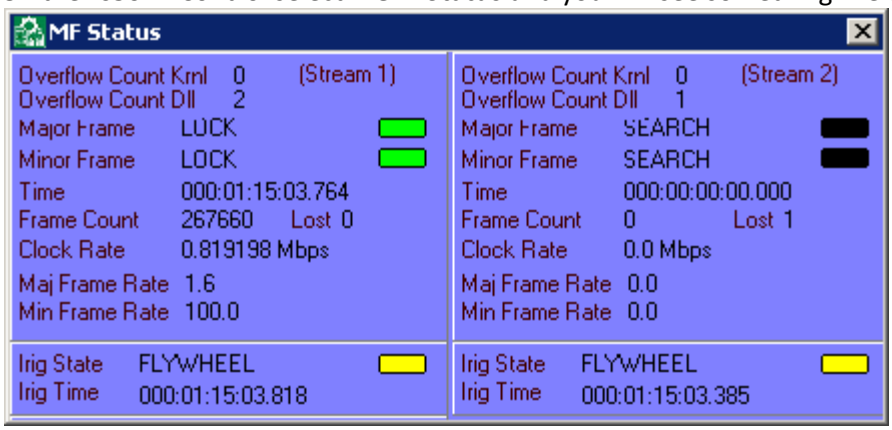
On the **Ls50P2** Control select **View>Frame Dump>Stream 1** and you will see something like this:



	T1	T2	T3	T4	S1	1	2	3	4	5	6
0	0020	3900	2415	7474	7000	FE6B	2840	0000	7FFF	FFFF	400
1	0020	3900	2515	7474	7001	FE6B	2840	0001	8C8B	FF62	400
2	0020	3900	2615	7474	7002	FE6B	2840	0002	98F8	FD8A	400
3	0020	3900	2715	7474	7003	FE6B	2840	0003	A527	FA7C	400
4	0020	3900	2815	7474	7004	FE6B	2840	0004	B0FB	F641	400
5	0020	3900	2915	7474	7005	FE6B	2840	0005	BC56	F0E2	400
6	0020	3900	3015	7474	7006	FE6B	2840	0006	C71C	EA6D	400
7	0020	3900	3115	7474	7007	FE6B	2840	0007	D133	E2F1	400
8	0020	3900	3215	7474	7008	FE6B	2840	0008	DA82	DA82	400
9	0020	3900	3315	7474	7009	FE6B	2840	0009	E2F1	D133	400
10	0020	3900	3415	7474	700A	FE6B	2840	000A	EA6D	C71C	400
11	0020	3900	3515	7474	700B	FE6B	2840	000B	F0E2	BC56	400
12	0020	3900	3615	7474	700C	FE6B	2840	000C	F641	B0FB	400
13	0020	3900	3715	7474	700D	FE6B	2840	000D	FA7C	A527	400
14	0020	3900	3815	7474	700E	FE6B	2840	000E	FD8A	98F8	400
15	0020	3900	3915	7474	700F	FE6B	2840	000F	FF62	8C8B	400
16	0020	3900	4015	7474	7010	FE6B	2840	0010	FFFF	7FFF	400

You will see the values **T1-T4** (IRIG Time) updating along with the Data Ready **(Drdy)** Counter incrementing. To Reset the Frames Lost counter, click the **Reset Counter**.

On the **Ls50P2** Control select **View>Status** and you will see something like this:

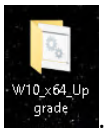


Note: I have an LS-55 Dual Decommutator card, hence Stream 2 above

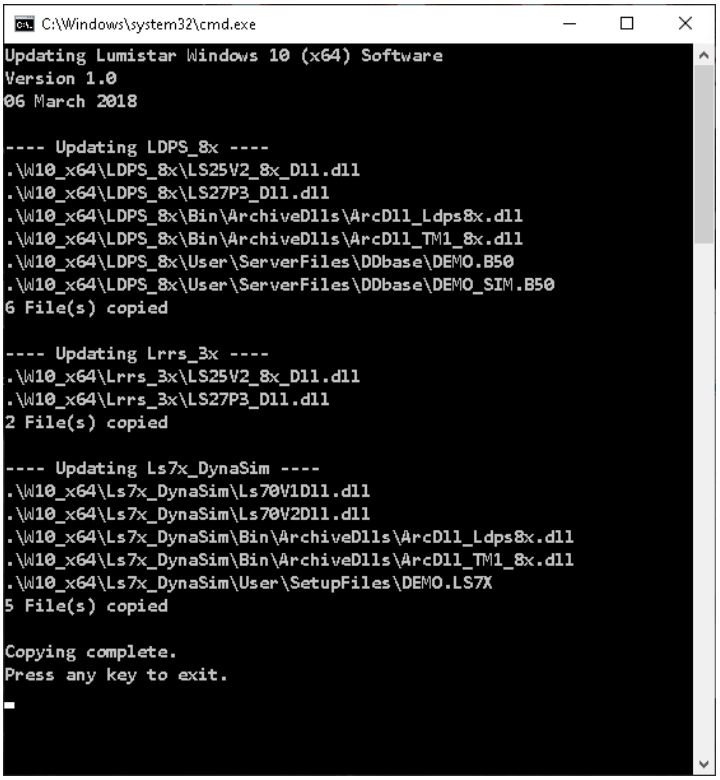
Download from the link:

https://lumi-star.com/uploads/LDPS_8x_Win10-64/Update_Lumistar_W10x64_Sw.ZIP

onto your Desktop. 

. Extract this zip to the Desktop 

. Enter this folder and run the **Update_Lumistar_W10(x64)_Sw.bat** file.



You may not have all of the folder updated above. This is not a problem, **Press any key to exit**.

From this point you can manipulate the Decom configurations to test all cabling to your System.