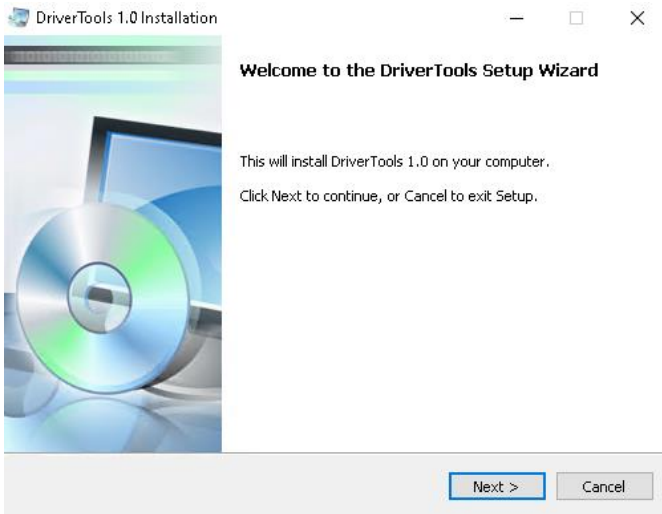
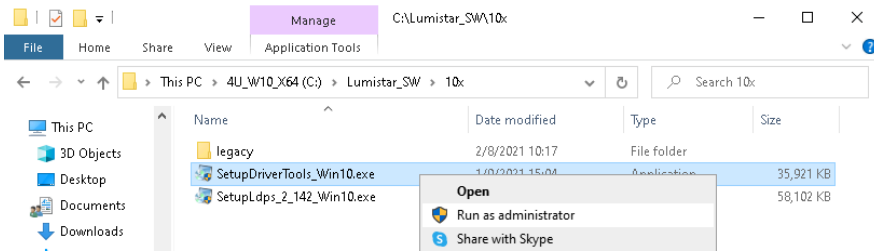


Installing TDynaSim for Windows 10x64

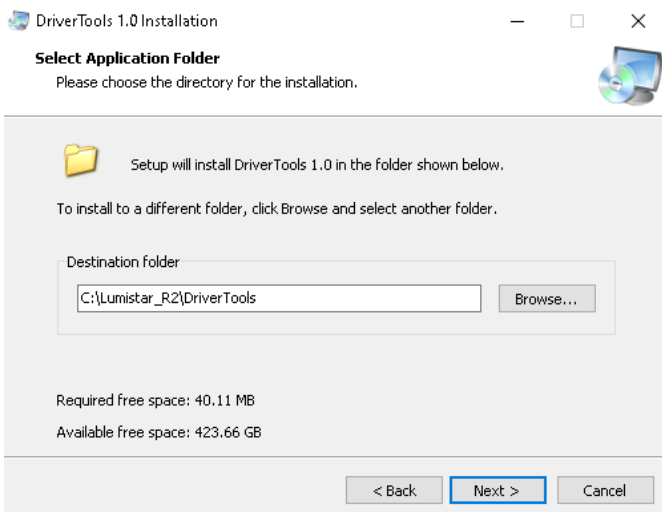
Download **SetupDriverTools_Win10.exe** and **SetupTDynaSim_3_1_Win10.exe**, then save them in a convenient location.

Follow the information in **C:\Lumistar_R2\DriverTools\DriverInstall_1430_App.doc** where applicable.

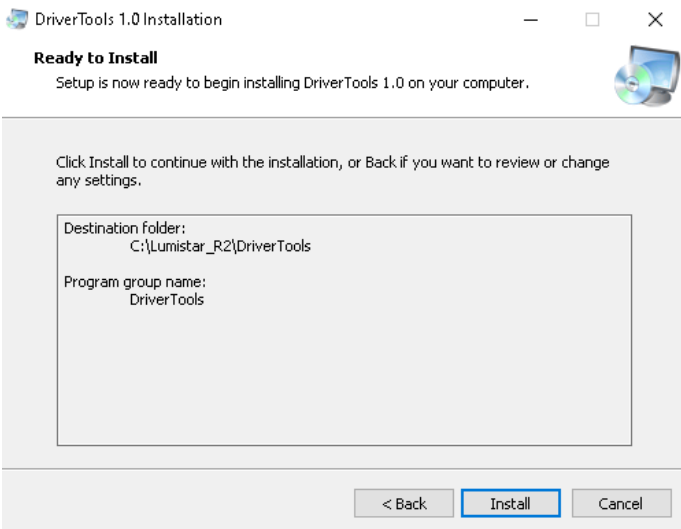
From File Explorer and select **SetupDriverTools_Win10.exe** and **Run as administrator**:



Click the **Next >** Button.



Click the **Next >** Button.

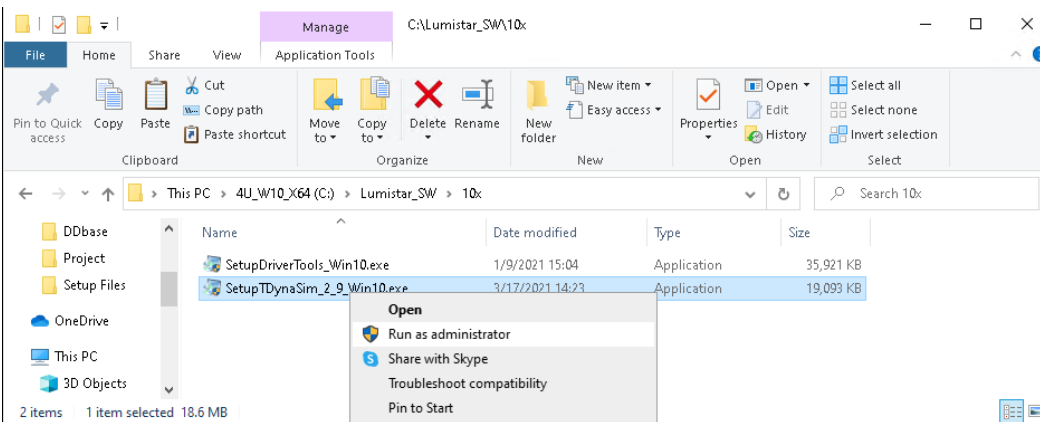


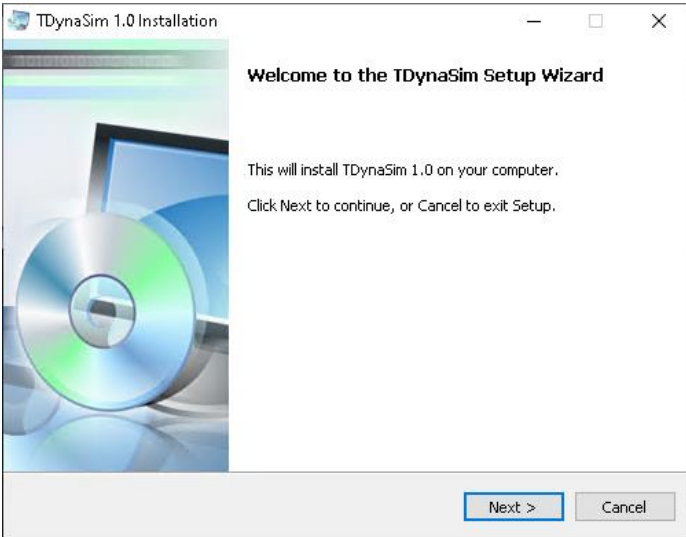
Click the **Install** Button.



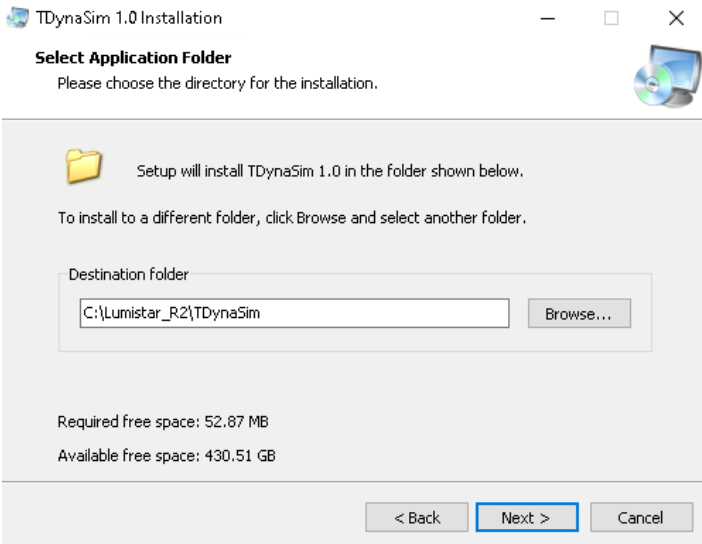
Click the **Finish** Button.

From File Explorer and select **SetupTDynaSim_3_1_Win10.exe** and Run as Administrator:

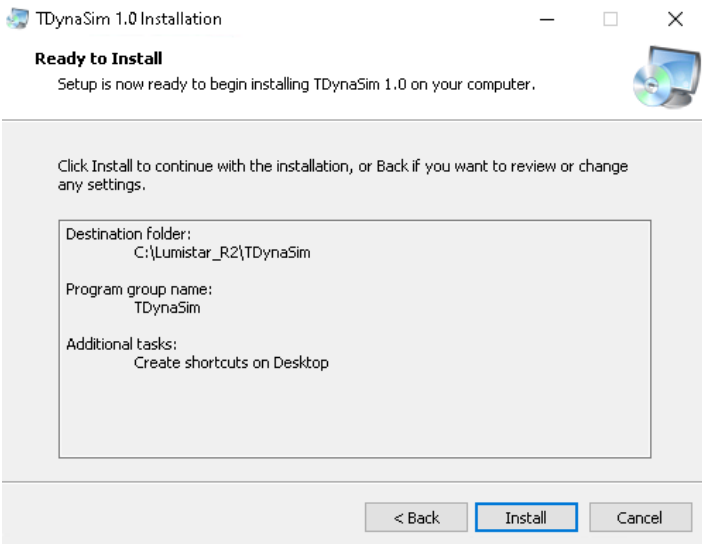




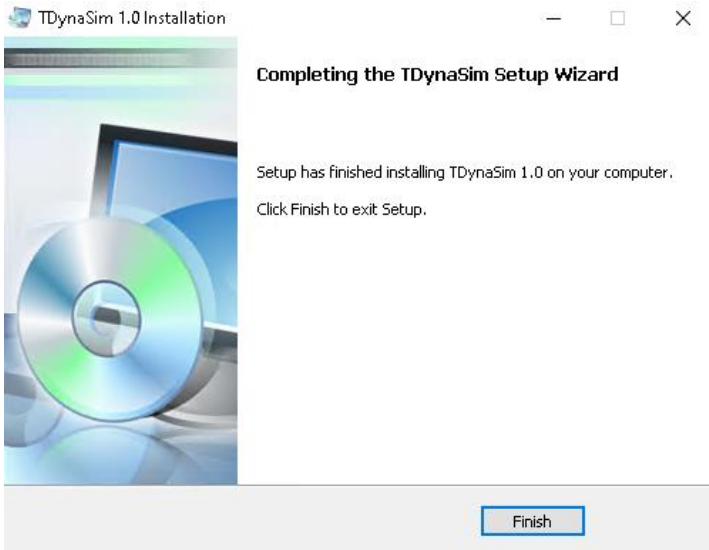
Click the **Next >** Button.



Click the **Next >** Button.



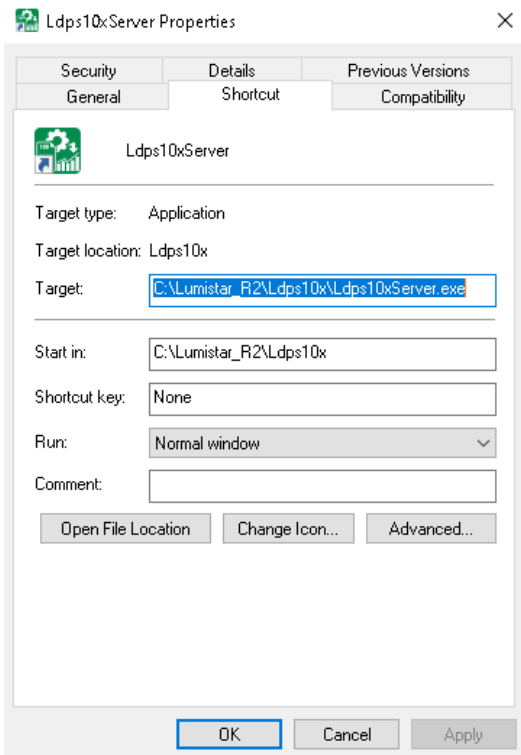
Click the **Install** Button.



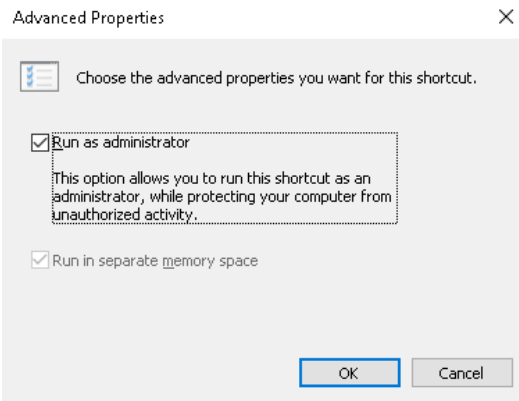
Click the **Finish** Button.



Right-Click the **TDynaSim** Icon and select **Properties**:



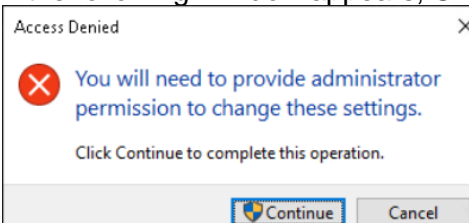
Click the **Advanced...** Button>



Check the **Run as administrator** CheckBox, then Click the **OK** Button:

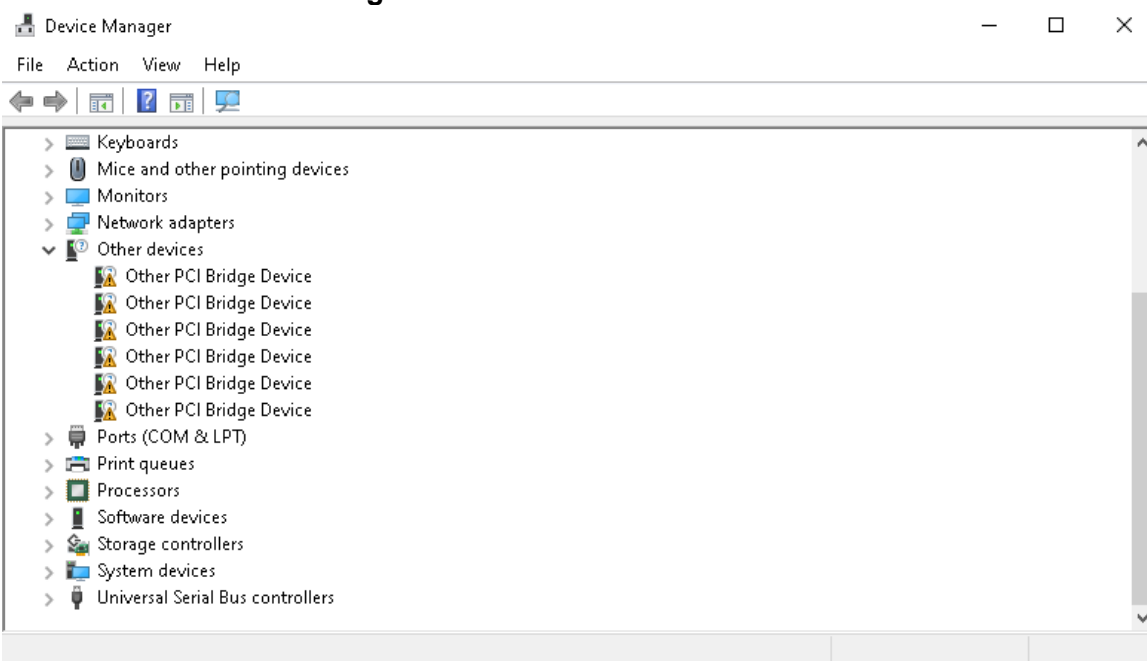
Click the **Apply** Button at the bottom of the **Properties** Window:

If the following Window appears, Click the **Continue** Button

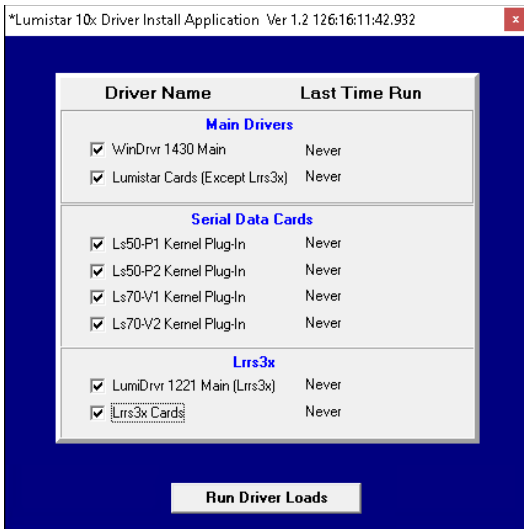
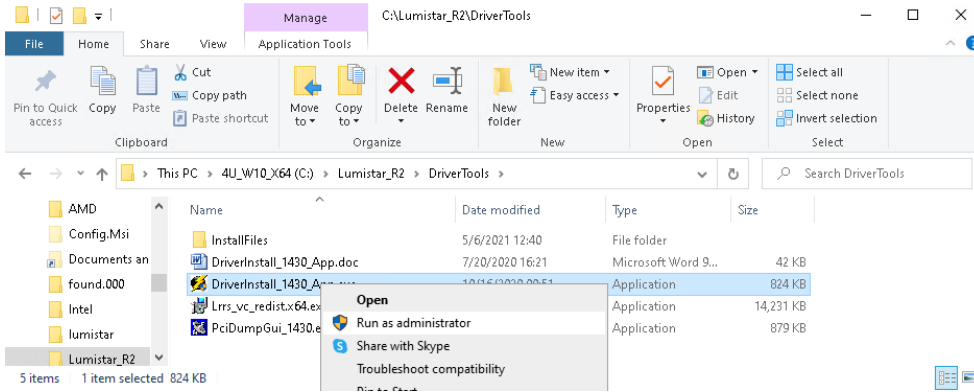


Finish by Clicking the **OK** Button at the bottom of the **Properties** Window.

The Windows **Device Manager** will show the unknown installed Lumistar cards:

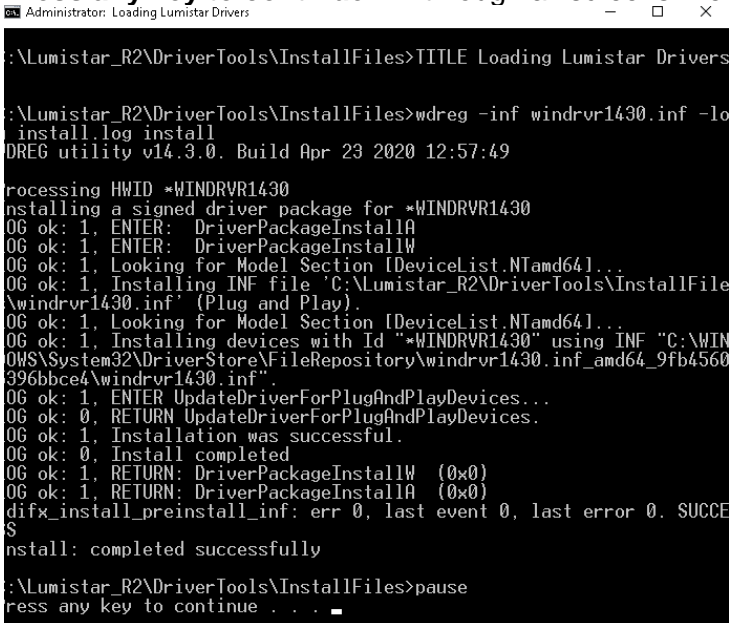



Open **File Explorer** and steer to **C:\Lumistar_R2\DriverTools\DriverInstall_1430_App.exe** Run as Administrator:

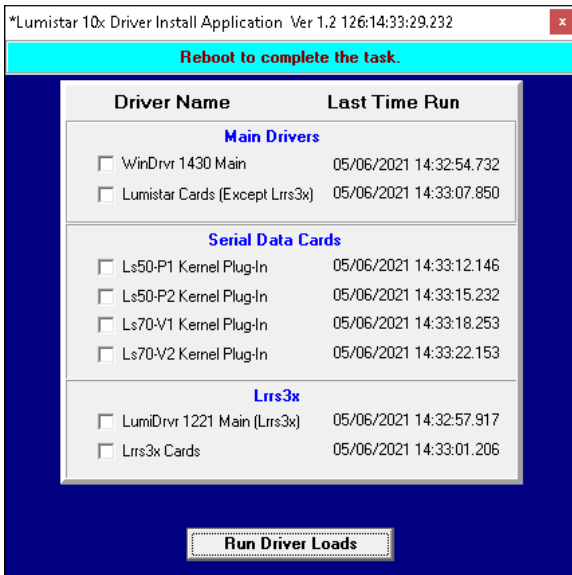


It is easiest to select all options, since it will only use the drivers required. Click **Run Driver Loads**.

Press any key to continue . . . through all screens like the below:

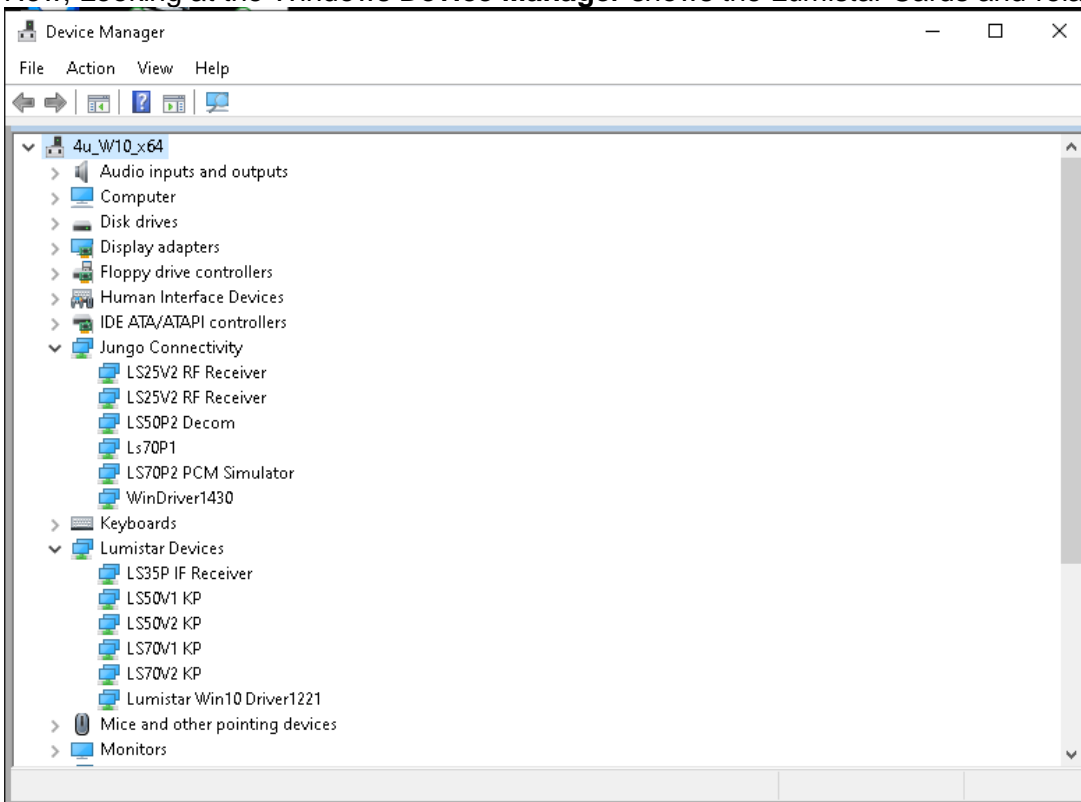


When no more screens appear, Click the  icon to close the **Lumistar 10x Driver Install Association**.

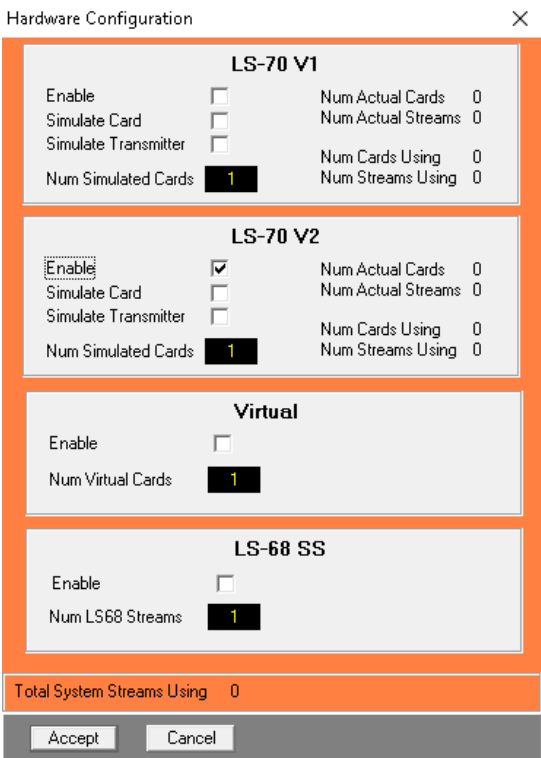


Reboot the computer.

Now, Looking at the Windows **Device Manager** shows the Lumistar Cards and related Drivers:




Start **TDynaSim** by double-clicking the TDynaSim icon:



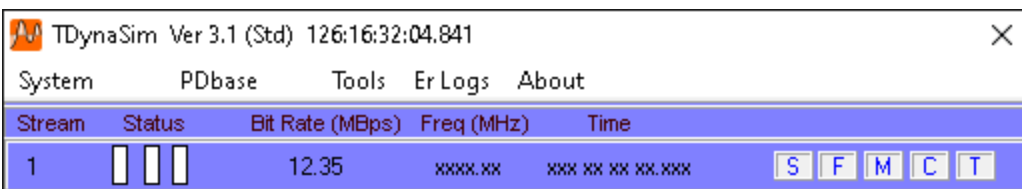
Enable your card as indicated above, then Click **Accept**.




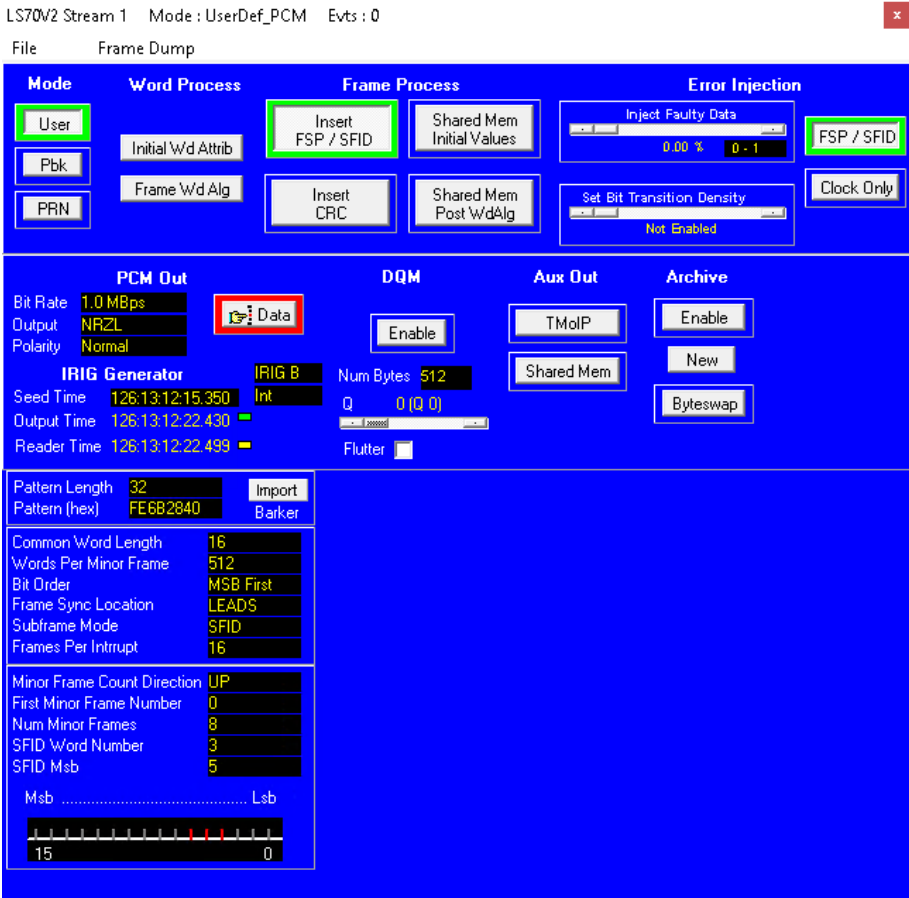
Click the **OK** Button.

Close **TDynaSim** by Clicking the  Icon.

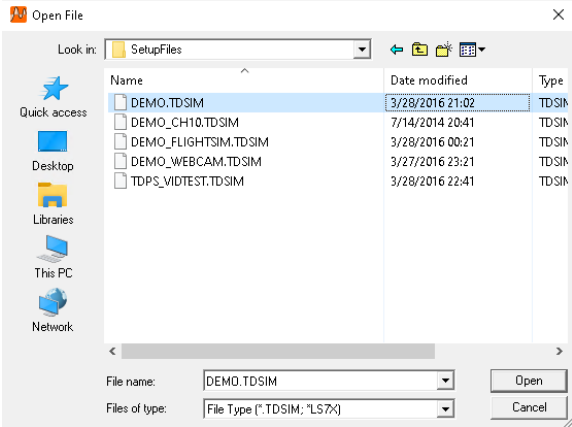
Restart **TDynaSim**.





Click the  Button to launch the **Setup** control.



From the Banner, select **File>Recall:**



Select **DEMO.TDSIM** then Click the **Open** Button.

If you are using Clock, Data and Baseband, unClick the  Button .



Click the  Button on the Main **TDynasim** Control to launch the **Frame Dump** Display:

Stream 2 Serial Data

Hardcopy Snap File

Setup Info				Status Info					
Cwl	16	Sfld Word	3	FPI	4	Drdy Counter	0x00000000	Minor Fr Rate	100.0
Wpf	512	Sfld Msb	5			Time	126:16:51:55.314000	Major Fr Rate	1.6
Num Sf	64	Sfld Start	0					FPI Rate	25.0

Hex	Pause	Clear	Hex	Pause	Flush	Reverse Bits								
			1	2	3	4	5	6	7	8	9	10	11	12
0			0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
1			0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
2			0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
3			0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
4			0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
5			0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
6			0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
7			0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
8			0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
9			0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
10			0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
11			0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
12			0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000

Click the  Button to start the Data Flowing .

Data should now be filled in on the **Frame Dump** and the **Drdy Counter** (Data Ready) should be incrementing indicating proper operation of the **LS-70V2** Card:

Stream 2 Serial Data

Hardcopy Snap File

Setup Info				Status Info					
Cwl	16	Sfld Word	3	FPI	4	Drdy Counter	0x000000C8	Minor Fr Rate	100.0
Wpf	512	Sfld Msb	5			Time	126:16:53:12.147000	Major Fr Rate	1.6
Num Sf	64	Sfld Start	0					FPI Rate	25.0

Hex	Pause	Clear	Hex	Pause	Flush	Reverse Bits								
			1	2	3	4	5	6	7	8	9	10	11	12
0			FE6B	2840	0000	8000	0000	FFFF	0000	0000	0009	BEEF	BEEF	BEEF
1			FE6B	2840	0001	7374	009E	FFFF	0800	0400	0009	BEEF	BEEF	BEEF
2			FE6B	2840	0002	6707	0276	FFFF	1000	0800	0009	BEEF	BEEF	BEEF
3			FE6B	2840	0003	5AD8	0583	FFFF	1800	0C00	0009	BEEF	BEEF	BEEF
4			FE6B	2840	0004	4F04	09BE	FFFF	2000	1000	0009	BEEF	BEEF	BEEF
5			FE6B	2840	0005	43A9	0F1D	FFFF	2800	1400	0009	BEEF	BEEF	BEEF
6			FE6B	2840	0006	38E3	1592	FFFF	3000	1800	0009	BEEF	BEEF	BEEF
7			FE6B	2840	0007	2ECC	1D0E	FFFF	3800	1C00	0009	BEEF	BEEF	BEEF
8			FE6B	2840	0008	257D	257D	FFFF	4000	2000	0009	BEEF	BEEF	BEEF
9			FE6B	2840	0009	1D0E	2ECC	FFFF	4800	2400	0009	BEEF	BEEF	BEEF
10			FE6B	2840	000A	1592	38E3	FFFF	5000	2800	0009	BEEF	BEEF	BEEF
11			FE6B	2840	000B	0F1D	43A9	FFFF	5800	2C00	0009	BEEF	BEEF	BEEF
12			FE6B	2840	000C	09BE	4F04	FFFF	6000	3000	0009	BEEF	BEEF	BEEF

The **TDynaSim** installation should be complete.