Windows Controlling Graphics Card Settings

Introduction

Through recent Windows 10 updates the operating system has begun to control which graphics card specific programs/apps make use of, this can pose a problem when using 3D Vision and/or 3D Vantage.

This document will set out the steps needed to override this setting and force Windows to use a dedicated graphics card in your machine (if available) for specific programs/apps.

Step 1

Open Windows Notification Center and select All Settings



Select System



Step 3

Select Graphics Settings, at the bottom of the screen.



Turn ON Hardware-accelerated GPU scheduling (if available)

Set Choose an app to set preference, to Desktop app - using the drop-down arrow

Then Click the Browse button

← Settings

命 Graphics settings

Hardware-accelerated GPU scheduling



Graphics performance preference

Choose between better performance or battery life when using an app. You might need to restart the app for your changes to take effect.



Navigate to Local Disk (C:) - Program Files (x86) - McCarthy Taylor Systems - LSS

And

Add the following files:

LSS.exe LSS3DVantage.exe LSSPointCloud.exe

 \leftarrow Settings

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 Quick access Desktop Downloads Documents Pictures parallaxLandingPag Screenshots smoothScroll starstablewebsite OneDrive This PC Network 	Name AutoPlay Update FileFlipperRunner.exe HiEditor.exe LSS.exe ESSDVantage.exe ESSDVantage.exe ESSPointCloud.exe	Date modified 28/11/2020 14:31 02/03/2021 11:59 20/03/2020 08:59 20/03/2020 08:59 10/11/2020 13:25 20/03/2020 08:33 10/11/2020 13:17 22/05/2020 08:33	Type File folder File folder Application Application Application Application Application	Size 16 KB 77 KB 14,216 KB 5,266 KB 2,069 KB 6,296 KB	
File pa				All filer (* c	

Back on Graphics Settings page Click each of the .exe files that appear

Click Options

Click High Performance in the Graphics preference dialog box AND click SAVE

What do you prefer for graphi	cs performance?
O Let Windows decide	
O Power saving	
GPU: Intel(R) UHD Graphi	cs 630
High performance	
GPU: NVIDIA GeForce GT	1030
Save	Cancel

This step MUST be carried out for all of the .exe files.

LSS.exe LSS3DVantage.exe LSSPointCloud.exe

Appendix 1

If you are running the Beta version of LSS 3D Vision you will have to include an additional LSSPointCloud.exe file with the Graphics settings, set to High performance, using the same steps as above.

The additional LSSPointCloud.exe can be found in the Beta folder, as shown in the image below:

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Desktop #	📙 Beta	02/03/2021 16:06	File folder			
Downloads 📌	Update	08/03/2021 10:02	File folder			
Documents 📌	FileFlipperRunner.exe	20/03/2020 08:59	Application	16 KB		
Pictures 📌	HiEditor.exe	20/03/2020 08:59	Application	77 KB		
blog_resources	😂 LSS.exe	02/03/2021 10:45	Application	14,180 KB		
Car Park Data E57	🐯 LSS3DVantage.exe	02/03/2021 11:54	Application	5,309 KB		
graphics cards	LSSPointCloud.exe	02/03/2021 06:41	Application	2,090 KB		
Screenshots	😍 tutorials.exe	22/05/2020 08:33	Application	6,296 KB		
OneDrive This PC						
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Quick access Desktop Downloads Documents Pictures Car Park Data E57 graphics cards Carenshots OneDrive This PC	Name x64 x86 CISSPointCloud.exe	Date modified 02/03/2021 16:06 02/03/2021 16:06 02/03/2021 06:41	Type File folder File folder Application	Size	
Vetwork					

Appendix 2

To check which graphics card LSS 3D Vision is using on your machine:

Standard LSS 3D Vision the information is on the Splash screen as it loads up.

If you are using the Beta version of LSS 3D Vision you need to Click About - Help to display the information as in the image below:

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	Reports Edge/Plane Report		