Conceptia KONNECT		AUTHORIZED Reseller <u>3</u> S solidworks
Graphics & System settings for	Document Number	CS_SWX_TECH_021
Performance	Revision	00
	Date	02/02/2022

SOLIDWORKS will perform in a virtualized environment. A good GPU, which runs with the OpenGL, can render models that are far more complex much faster and can provide optimal performance. Certified GPU and proper Graphics settings gives more stability and visual performance—framerate when rotating a model, anti-aliasing, lighting, using transparency and supports real view of a model. When dealing with large assemblies, workstation cards will perform significantly better than the gaming-focused card. To avoid any performance issues, its necessary to carry out Graphics related setting with respect to SOLIDWORKS.

Two different ways to carry out Graphics setting are explained below.

- 1. Nvidia Control Panel Settings
- 2. System Graphics Settings

## 1. Nvidia Control Panel setting.

Open the Nvidia Control Panel by right clicking on the windows and Go to manage 3D settings.

Under Program settings, select Dassault systemes Solidworks program to customize. Then, proceed with following settings.

- Antialiasing FXAA On
- Antialiasing Mode Application Controlled
- OpenGL rendering GPU Select installed dedicated Graphics card
- Power management mode Prefer maximum performance.

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#### **35 SOLID**WORKS

Edit Desktop 3D Settings Help			-	Ц	>
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t a Task	Manage 3D Settings				
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Click Apply to save the settings.

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## 2. System Graphics Settings

Search for settings in Windows search bar >>Systems>>Display>>Graphics Settings.

In Grapics settings Tab, Browse the SOLIDWORKS.exe file as an app to set preference.



← Settings		-	Х
命 Home	Display		
Find a setting	Advanced scaling settings		
System	Display resolution		
	1600 × 900 (Recommended) ~		
🖵 Display 3	Display orientation		
句》) Sound	Landscape ~		
Notifications & actions	Multiple displays		
	Multiple displays		
() Power & sleep	Extend these displays		
📼 Storage	Make this my main display		
Tablet	3D display mode		
	Off Off		
	Advanced display settings		
Projecting to this PC	Graphics settings 4		
X Shared experiences			

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← Settings

#### ☆ Graphics settings

Hardware-accelerated GPU scheduling

Reduce latency and improve performance. You'll need to restart your PC to have your changes take effect.

#### 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.



We didn't find any of your preferences yet. Select an app to get started.



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### Browse SLDWORKS.exe from below mentioned path

### C:/Program files>>SOLIDWORKS Corp>>SOLIDWORKS>>SOLIDWORKS.exe

← Settings	- 🗆 X
Hardware-accelerated GPU scheduling	Get help
Reduce latency and improve performance. You'll need to restart your PC to have your changes take effect. Off	Graphics preference What do you prefer for graphics performance?
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.	<ul> <li>Let Windows decide</li> <li>Power saving GPU: NVIDIA Quadro P620</li> <li>High performance</li> <li>7</li> </ul>
Choose an app to set preference          Desktop app           Browse	GPU: NVIDIA Quadro P620 Save Cancel 8
SolidWorks Let Windows decide C:\Program Files\SOLIDWORKS Corp 2021\SOLIDWORKS \SLDWORKS.exe 6 Options Remove	

Click save to finish the settings.

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