Problem

Slow performance or graphical bugs appearing when viewing geometry.

Cause

With computers (typically laptops) that have a 'Hybrid' mode that switches between the integrated graphics and dedicated graphics it fails to recognize Mastercam as a high demand application that requires the dedicated graphics to be used.

Solution

<u>Set</u> Mastercam to use the dedicated graphics in the NVIDIA or AMD control panel.

NVIDIA:

- 1. Open the NVIDIA Control Panel
- 2. Go to <u>3D</u> Settings -> Manage <u>3D</u> settings
- 3. Select the Program Settings tab
- 4. Click Add and select Browse...
- 5. Navigate to your Mastercam directory and select **Mastercam.exe** (C:\Program Files\mcam*version here*)
- 6. Under Select the preferred graphics processor for this program: select **High-performance NVIDIA** processor
- 7. Click Apply and restart Mastercam



AMD:

- 1. Open the AMD Control Panel
- 2. Go to Power -> Switchable Graphics Application Settings
- 3. Click Add Application and navigate to the Mastercam executable (C:\Program Files\mcam*version here*)
- 4. Under Graphics Setting click the drop-down and select High performance
- 5. Click **Apply** and restart Mastercam

> Pinned		Switchable Graphics Application Settings				
> Presets	ø	Choose whether to run applications on the high-performance or power-saving graphics processor, or to assign the graphics processor based on current power source. The high-performance processor is better suited for applications that use a lot of 3D graphics or video or seem to run poorly on the power-saving setting.				
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		Name		Title	Graphics Setting	^
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		Mastercam.exe	1		High performan 👻	
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		rundll32.exe		Windows Host Process	Power saving Based on power source	