



Graphics Card & OpenGL Guide

EXPERIENCE BEST-OF-CLASS BIOMECHANICS

Graphics Cards and OpenGL Guide

Experience the Best-of-Class Biomechanics

Release date: October 2014
Graphics Card & OpenGL Guide

OpenGL - What is it and why is it important?

MR3 is a highly advanced software program and thus has certain system requirements that must be met to successfully run the software. Occasionally a computer may not meet these requirements or some settings must be changed to accommodate the software's requirements, specifically around displaying 3D imaging. If these requirements are not met, it will produce an error when the software is run.

OpenGL (Open Graphics Library) is a platform that computers use to process 2D and 3D images. This platform is used to interact with your graphics processing unit (GPU) to allow the images to be seen in real time and in a fluid motion.

How To Fix The Problem

One of the most common errors seen with the installation of Noraxon's MR3 software is an "Unable to create OpenGL 3.3 context" error. The Open GL error is related to the graphics card present in the computer.

1. The computer's graphics card does not support OpenGL. Please check the latest computer system requirements to see if your computer meets all the requirements to run the MR3 software.

Note: Most Intel cards do NOT meet the requirements for MR3 on their own.

2. The computer may have a hybrid graphics card, with both Intel and a higher quality NVIDIA or other manufacturer. If so, it is necessary to access the graphics card settings, which can be done by right clicking anywhere on the desktop background and it should appear in the pop up menu. Once in the graphics settings, you need to be sure the hybrid option is not selected and the higher quality (NVIDIA or other) is chosen over the low quality, Intel card. Usually the higher quality one will be referred to as a "card" while the lower quality one is a "chip".

Note: The settings display will differ between computer models. If there are questions on how to get to the graphics card settings on your computer, please consult your IT personnel or the computer manufacturer.

3. The Intel driver usually needs to be updated. For computers in the U.S. it may be done here: http://www.intel.com/p/en_US/support/detect
For other countries, please visit the Intel site and continue to "Support" where a "Download drivers" option is available.

If there are any further questions, please contact your Noraxon sales representative or e-mail: support@noraxon.com

