

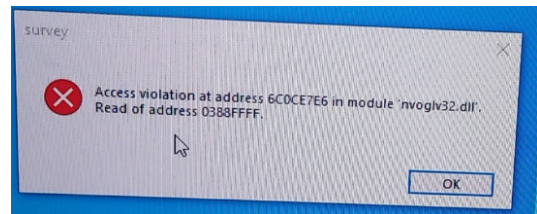


## Computer Driver Conflicts - Disabling Driver Updates

By Josh Sampey

I recently visited a local dredge which encountered issues with opening DREDGEPACK® on two of their computers. They were brand new and running Windows 10 with Nvidia graphics cards. Instead of DREDGEPACK®, we were greeted with an access violation in module nvoglv32.dll on both computers.

After some Google sleuthing, we found that the .dll was related to Nvidia. We rolled back the Nvidia drivers to the previous version and DREDGEPACK® opened again. The problem was resolved and a celebration commenced...or so we thought!



A few weeks later, the issue resurfaced. During a routine Windows update, the Nvidia drivers were also updated, putting us back in the same boat. Clearly, this was going to be a constant issue. We don't advise turning off Windows updates, but we had to keep Windows from updating the drivers during routine updates. Luckily, there is a way.

### DISABLING DRIVER UPDATES

Disabling the driver updates involves configuring settings in the Local Group Policy Editor. This will also stop BIOS updates. Here are the steps to disable driver updates:

1. Use the Windows Key + R keyboard shortcut to open the Run command.
2. Type gpedit.msc and click [OK] to open the Local Group Policy Editor.
3. This is the only step that differs between Windows versions:
  - > **For Windows 10:** Browse the following path: Computer Configuration -> Administrative Templates -> Windows Components -> Windows Update.
  - > **For Windows 11:** Browse the following path: Computer Configuration -> Administrative Templates -> Windows Components -> Windows Update -> Manage updates offered from Windows Update.
4. On the right side, double-click the Do not include drivers with Windows Updates option.
5. Select the Enable option.
6. Click [Apply].
7. Click [OK].

As of writing, Windows has updated on the dredge and the Nvidia drivers have not, and DREDGEPACK® is functioning without issue.