

**FS Future Series<sup>®</sup>**



How to change the  
hardware acceleration  
of Windows

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# 1 Introduction

This document describes how to change the graphics hardware acceleration of your computer to resolve problems in the graphical representation of your Visualizer 3D software.

Before you can change any settings you have to close Visualizer 3D.

## 2 Reduce hardware acceleration

Depending on your computer operating system you have to read either section 2.1 for Windows XP or section 2.2 for Windows Vista.

### 2.1 Windows XP

If you are running Windows XP on your computer, please follow the instructions in this section! If you are using Windows Vista, please read section 2.2!

Right click the Windows desktop and choose **Properties** from the popup menu as displayed in figure 2.1.

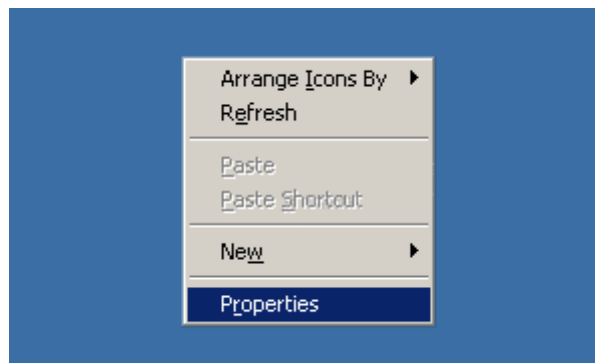


Figure 2.1: Open properties ...

The window from figure 2.2 will appear. Left click on the **Settings** tab and then click the button “Advanced”.

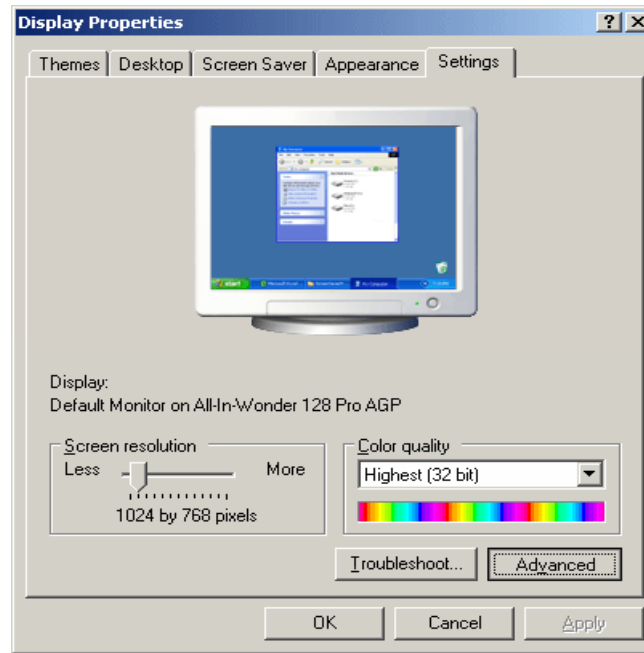


Figure 2.2: Display properties

In the next dialog box, click the **Troubleshoot** tab as shown in figure 2.3 and move the slider under “Hardware acceleration” completely to the left onto the adjustment „None“.

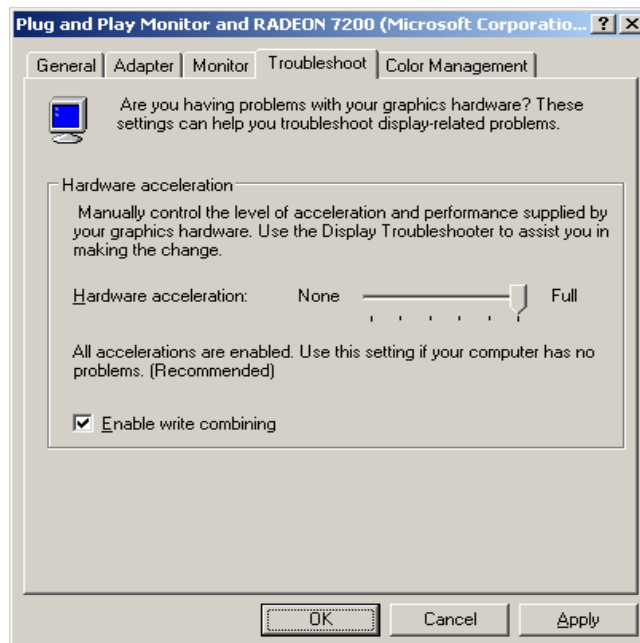


Figure 2.3: Troubleshoot

To apply the changes to the system, click on the button “OK”. The dialog box from figure 2.3 disappears. Now click on the button “OK” of the previous dialog box. All windows are closed now.

## 2.2 Windows Vista

If you are running Windows Vista on your computer, please follow the instructions in this section! If you are using Windows XP, please read section 2.1!

Click on **Start** → **Control Panel** → **Appearance and Personalization**. Under Personalization, click on **Display Settings**. The dialog from figure 2.4 will appear on your screen.

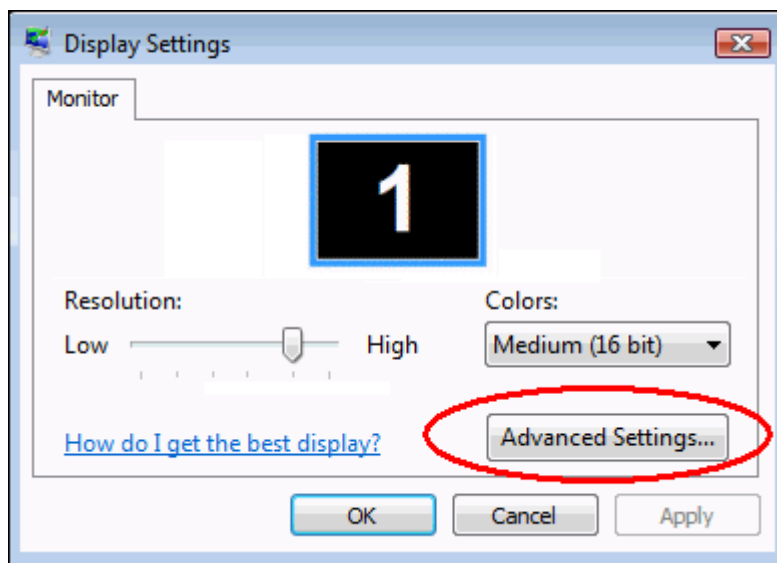


Figure 2.4: Windows Vista - Display settings

Now click on the button **Advanced Settings**, to open the dialog from figure 2.5. There you left click on the “Troubleshoot” tab.

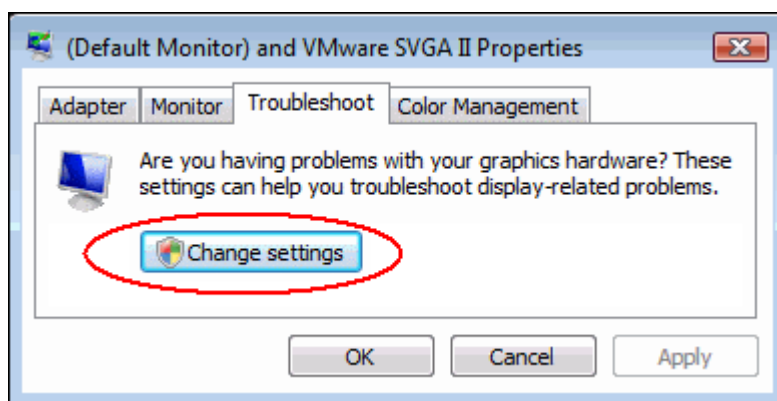
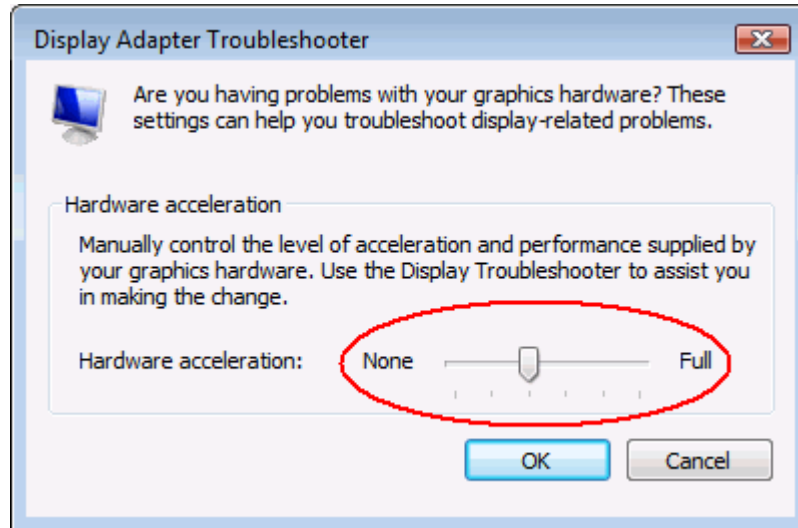


Figure 2.5: Windows Vista - Troubleshoot

On the monitor properties dialog, click the button **Change settings**. In the next step you have to move the hardware acceleration slider completely to the left onto the adjustment “None” as shown in figure 2.6.



*Figure 2.6: Windows Vista - Hardware acceleration*

Click the button “OK” to apply all settings and close all opened windows.

### 3 Finish

If all changes has been applied you can reboot your Windows system and restart the application Visualizer 3D.