

Topic

Windows 7 is the latest operating system from Microsoft. Windows 7 aims to greatly simplify the user experience as well as offering better responsiveness and increased security.

This document discusses the advantages and disadvantages of running Volocity on Windows 7.

Discussion

Volocity 5.3 and above include changes required to run on both the 32-bit and 64-bit versions of Windows 7. Performance on Windows 7 is comparable to performance on Windows XP, we therefore recommend Windows 7 as an operating system on which to run Volocity.

If users do wish to run Volocity under Windows 7, they should check the following:

- If you are considering upgrading from a previous operating system to Windows 7 check your computer can run Windows 7 – Microsoft provides information here:
<http://www.microsoft.com/windows/windows-7/get/upgrade-considerations.aspx#run>
- Make sure that drivers are available for all the components in your computer, paying particular attention to:
 - Graphics cards
 - Network cards
 - Sound cards
 - RAID storage
 - Printers
- For acquisition systems, make sure that drivers are available for all your microscope hardware. Pay particular attention to drivers for digital cameras and devices attached via USB.

User Account Control

Volocity 5.4 and higher include changes to fully support User Account Control (UAC). UAC is a security feature of Windows 7 designed to help prevent unauthorized changes to the computer. Microsoft provides more information here:

<http://windows.microsoft.com/en-us/windows-vista/What-is-User-Account-Control>

Changing system level preferences in Volocity requires administrative rights. System level preferences are changed when configuring serial ports for devices, device settings and objective calibration; all steps performed when configuring Volocity Acquisition. Volocity will show the UAC prompt when these changes are being made.