

Frequently Asked Questions

Title: How can I install the 32bit CVIs to run under 64bit Windows

Date: 25 Feb 2015

Card/Board/Module: M4K modules, PCMCIA cards

Operating System: 64bit Windows

Question:

The CVI installation does not run on 64bit Windows.

How can I install the 32bit CVIs to run under 64bit Windows ?

How can I run my own application EXE developed using 32bit LabWindows CVI under 64bit Windows ?

Answer:

Our CVIs are written & compiled under 32bit Windows. However, they can be run OK on 64bit Windows, providing that they have access to the necessary 32bit DLLs.

Once you have verified that the card is installed under 64bit Windows, is visible in the Device Manager, has been assigned a device number in ExcConfig, and is visible to Showhex, then you can proceed to installing the software.

Some of our LabWindows CVI tools products have been repackaged and are available for installation & use under 32bit and 64bit Windows. Some have not yet been repackaged for use under 64bit Windows, and will install only on a 32bit machine. In order to get these working under 64bit Windows, please follow these instructions:

1. On a 32bit Windows machine, install from the CD or download from our website the installation for "[product] LabWindows CVIs".

The package will install to folder

"C:\Program Files\Excalibur\[product]-CVI" . The CVIs require a 32bit dll, compiled using the Microsoft compiler.

2. On this same 32bit Windows machine, install the 32bit Software Tools for this product. Go to either the Windows system folder (C:\Windows\System32) or the software installation folder (C:\Program Files\Excalibur\[product] Software Tools\excMSVisual) and copy DLLs named [product]ms.dll and exc4000ms.dll to the folder where the CVIs are installed (the application folder).

3. There is one additional file needed in the application folder, where you will run your EXE. It is the 32bit version of kernel file frontdesk.dll. This file is part of the Hardware Installation Disk for PCI, hw-pci-w2k.zip, on the webpage at URL <http://www.mil-1553.com/kernel-drivers-installation-software>.

4. After you have copied the 32bit DLLs [product]ms.dll, exc4000ms.dll, and frontdesk.dll to the folder where the CVI application EXE sits - copy this whole folder to your 64bit machine.

You should now be able to run the CVI application EXE under 64bit Windows.