

Frequently Asked Questions

Title: VME cards - Init_Module generates timeout on call to viMapAddress

Date: 27 May 14

Card/Board/Module: EXC-4000VME/VXI, any M4K module

Operating System: Windows

Question:

I am working with an Excalibur 4000-VME/VXI board with M4K series modules. When I call the Init_Module function, it returns an error indicating a timeout error when calling viMapAddress. Can you advise how to proceed?

Answer:

Before working with EXC-4000VME/VXI boards, you must verify that there is enough memory (user window size) on the VME/VXI machine for the board (8 MB). If there is not enough memory, the board may not work properly.

Verifying User Window Size for Windows NT/2000/XP/Vista/7/8

1. Install NI-VXI_VISA Tools for PCI Based MXI-2 for Windows NT/2000/XP/Vista/7/8
2. Select Start | Programs | National Instruments | Measurements & Automation. The Measurements & Automation Explorer main screen is displayed.
3. Under Configuration, double-click Devices and Interfaces. All devices and interfaces are displayed.
4. Right-click on VXI Systems 0 (PCI-MXI-2), and select Hardware Configuration. The Settings for PCI-MXI-2 dialog box is displayed.
5. Click the PCI tab.
6. In the User window size field, select 8 MB.
7. Click OK.
8. Reboot your Computer.