

Problem:

MotionPRO does not work reliably under Windows XP or Windows Vista. Uploading files, downloading files or executing the F7 or F8 functions may cause a MotionBASIC/MotionPRO communication failure error.

Solution #1:

Install Microsoft Virtual PC 2007 from <http://www.microsoft.com/downloads/details.aspx?FamilyId=04D26402-3199-48A3-AFA2-2DC0B40A73B6&displaylang=en>

After installing Microsoft Virtual PC install either Windows 2000 or DOS 6.22 as a virtual operating system. MotionPRO works properly under either of these operating systems in the virtual PC. The Virtual Machine Additions that comes with the Virtual PC may be required for file access or access to serial ports. This requirement varies depending on the OS installed and the physical makeup of the PC. The downside of this approach is that it requires a license for the 2nd operating system. We also tested Windows 98 running in a virtual PC with poor results. Several engineers within the company use the above technique.

Solution #2:

Install VMware Workstation from <http://www.vmware.com/products/ws/>.

After installing VMware Workstation, install Windows 2000 as a virtual operating system. MotionPRO works properly under this operating system in the virtual PC. The downside of this approach is that it requires purchase of VMware Workstation and a license for the 2nd operating system. This configuration is used by our Manufacturing department.

Solution #3:

Install COMM Extender. Ormec can provide a 30-day trial version for test purposes. Adontec created a special version for ORMEC that allows MotionPRO to work under Windows XP. The license (serial number) for COMM Extender is \$300 per PC and can be obtained from Adontec <http://www.adontec.com> (quantity discounts are available).

Caveats: MotionPRO running under COMM Extender worked flawlessly if the XP system did not have a physical serial port and was using a USB to RS-232 converter. If the PC does have a physical serial port then uploads & downloads may still fail occasionally with an #1806: Input buffer overflow.