Quick Start Guide

Sheet 7
Installing a PCI I/O Card in a Total Vu System

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Before proceeding with this quick start sheet, you should already have completed all previous (lower numbered) quick start sheets. This Quick Start Guide presents the installation of a PCI I/O card in a Total Vu measurement system.

Step 1: Complete Quick Start Guide Sheet 1,"Installing InstaCal and Total Vu Software".

Step 2: Power down the computer, unplug it from the wall and remove the side panel to access the Motherboard.

Step 3: Choose any open PCI slot. Remove the slot cover on the back panel of the computer for the slot chosen.

Step 4: Install the Add-on Card in the slot, seating it fully in the slot on the motherboard and securing it to the back panel with a screw (See Figure 1). Some gentle force may be required, but if there is significant resistance, remove the card and look for obstructions. The card should gently snap into place. In most cases, you should use the screw that previously held the back panel slot cover to secure the card in place. In some PC chassis, there is no screw - another mechanism (e.g. a snap down bar securing all cards) will secure the card.
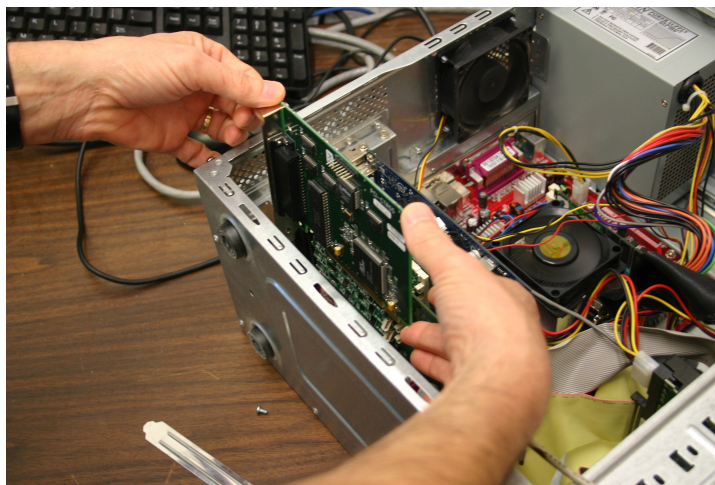

Figure 1. Installing a PCI D I/O Card

Step 5: Reinstall the side cover on the computer and plug it into the power source. Boot the PC.

Step 6: During the boot process, Windows hardware manager should detect new hardware and start the installation process. When asked for the path to the driver for the device, point to the root directory of the Measurement Computing CDROM that came with the I/O card.

Figure 2. Windows New Hardware Wizard
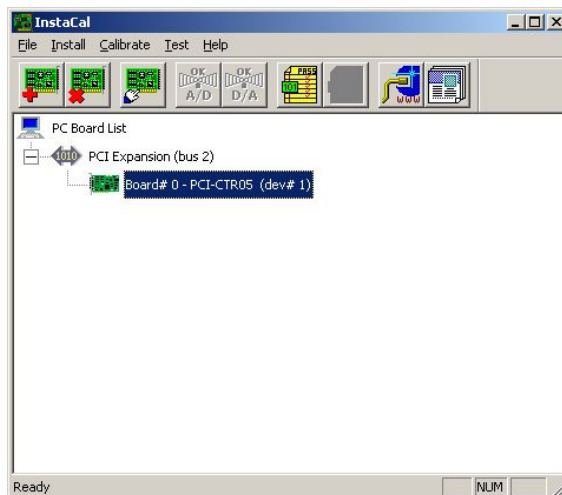

Figure 3. InstaCal Finds the CTR05

Figure 4. CTR05 Installed in InstaCal

Step 7: Once the hardware installation is complete, run InstaCal (Start>All Programs>Measurement Computing>InstaCal). Accept the new device when InstaCal asks (See Figure 3). When the new device appears in the PC board List (See Figure 4), close the InstaCal window.

Step 8: If this installation is part of an upgrade, a disk will be included with at least one file on it. Place the disk into the computer and copy the file it contains (TotalVu.bin) to the Total Vu directory (usually C:\Program Files\LaserLinc\Total Vu).