



TECHNICAL BULLETIN # 106

Windows 2000 Card Auto-Detection Workaround

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- Date Issued:** July 31st, 2001
- Software Version:** MonteCarlo 5.6 or greater
- Product(s):** All PIKA PCI/cPCI cards
- Purpose:** Describe steps required to prevent Windows 2000 from auto-detecting PIKA cards and prompting for drivers, each time the system is booted.

On Windows 2000 systems, each time the computer is started the dialog in Figure 1 may be displayed for each PIKA board installed in the system:

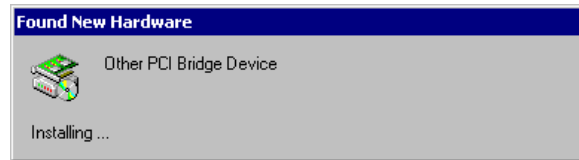


Figure 1 – MonteCarlo Uninstall icon

Windows 2000 attempts to auto-detect and load drivers for all PCI cards installed in a system. To work around the problem, the auto-detect feature must be disabled for all PIKA cards in the system, as described in the following steps:

- 1) After the Found New Hardware dialog, the dialog in Figure 2 is displayed.



Figure 2 – Found New Hardware Wizard dialog

- 2) Click the Next button to continue to the next screen. The dialog in Figure 3 should be displayed.



Figure 3 – Install Hardware Device Drivers dialog

- 3) Highlight the radio button titled 'Search for a suitable driver for my device'. Click the Next button. The dialog in Figure 4 should be displayed. Normally, the user would select the location with the drivers for the new hardware. Do **not** select any items from the list.



Figure 4 – Locate Driver Files dialog

- 4) Click the Next button. The dialog in Figure 5 should be displayed. Highlight the radio button titled 'Disable the device' and click the Finish button. The next time Windows starts, the PCI card will not be automatically detected.



Figure 5 – MonteCarlo Uninstall icon

- 5) Repeat steps 1 – 4 for each PIKA card in the system.