



Application Note: Purging Win95 drivers

DATE: September 22, 1997
TO: All Win95 Users
FROM: Technical Staff
RE: Purging Win95 drivers for reinstallation.
CC:

Problem

It is possible through repeated install attempts to get a Win95 system into a state such that it cannot install a board because there are no free resources, I/O or memory, left available.

Solution

The system must be purged of all traces of previous driver installation effects. Purging all traces of a driver is a multiple-step process.

- 1) Open the Device Manager and delete the DSP board driver, located in the "Other" category.
- 2) Launch RegEdit by typing "regedit" at the Start|Run... dialog or at the command prompt. Delete the PCXXRM key (where XX is the board – ie PC31RM See Figure 1.) under HKEY_LOCAL_MACHINE\System\CurrentControlSet\Services\VxD. Note: have to be careful when editing the Registry because deleting wrong key can keep Win95 from booting or worse.
- 3) Delete both real-mode and protected mode VxDs from \windows\system directory, ie PCXXDRV0.VXD and PCXXRM.VXD.
- 4) Delete two Configuration Manager database files: DRVIDX.BIN and DRVDATA.BIN from the \windows\inf directory. Note: \windows\inf is a hidden directory.
- 5) Next step depends on which version of Windows95. For Win95 shrinkwrap release: Delete any OEM*.inf files from \windows\inf directory that is the install script renamed. For Win95 OSR2 (OEM Service Release 2) which is what is shipped with new systems: Go to \windows\inf\Other and delete any files that are the renamed install scripts (Innovative IntegrationPCXXBD0.Inf).
- 6) This is most important step: need to shutdown and restart system so when re-add don't have any references to the board still in memory.

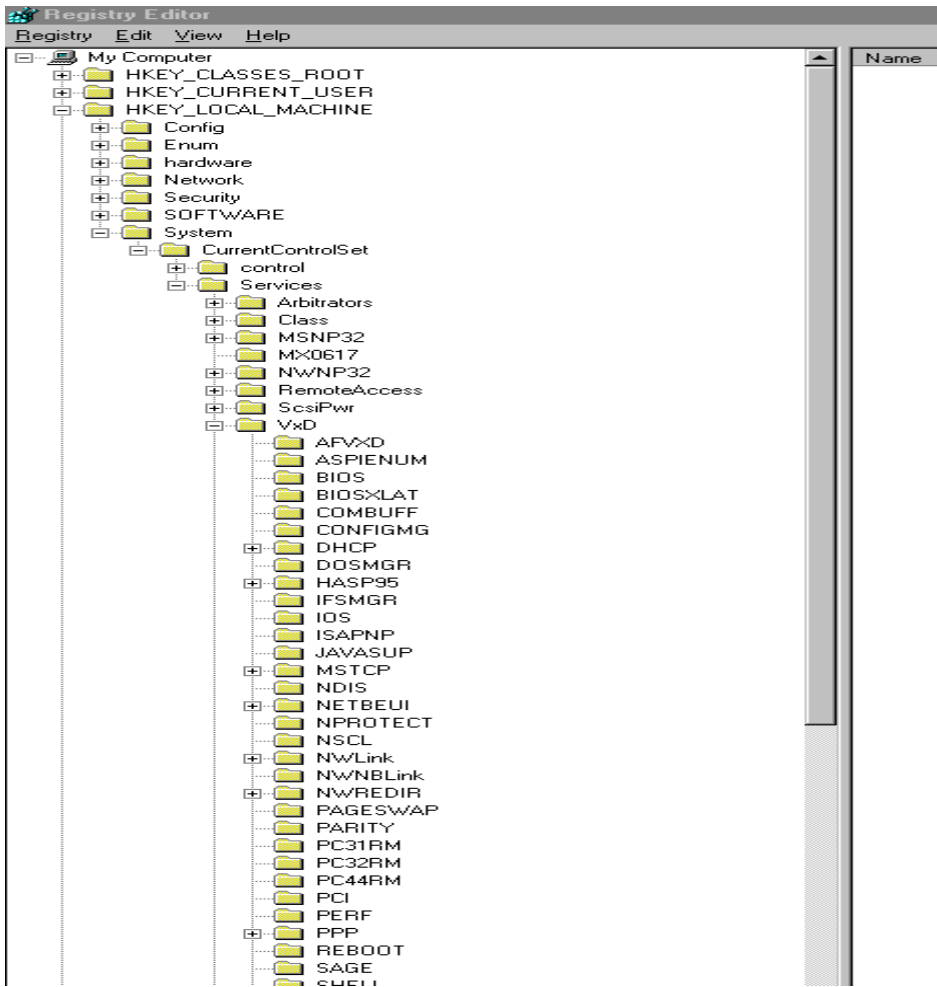


Figure 1. Screenshot of RegEdit real-mode VxD key (PC31RM)