

Cleanup of Installed PC Tools

By Øyvind Kjernli

Keywords

- *SmartRF® Studio*
- *Packet Sniffer*
- *SmartRF® Flash Programmer*
- *Remove*
- *Cleanup*
- *PC Tools*
- *Development Tools*
- *Drivers*
- *Windows Registers*

1 Introduction

Sometimes the uninstall procedure will not be able to remove all the installed components of a PC Tool. This document will describe how to find these components and to remove them manually. The description and figures are

taken from Windows XP, but the procedure is not much different for Windows 2000. The examples in this document show how to remove the Packet Sniffer, but the same procedure apply for all the installed PC tools.

Table of Contents

KEYWORDS.....	1
1 INTRODUCTION.....	1
2 DIRECTORIES AND FILES.....	3
3 START MENU.....	3
4 DRIVERS	4
4.1 FILES	4
4.2 DEVICE MANAGER.....	4
5 WINDOWS REGISTER.....	6
6 GENERAL INFORMATION	8
6.1 DOCUMENT HISTORY.....	8
7 IMPORTANT NOTICE	9

2 Directories and Files

The Add/Remove programs from the Control panel should be used to remove installed programs. This will normally remove all the files installed by any program.

Figure 1 shows the required actions to remove the Packet Sniffer. Follow step 1 through 3. The same procedure applies to any installed programs.

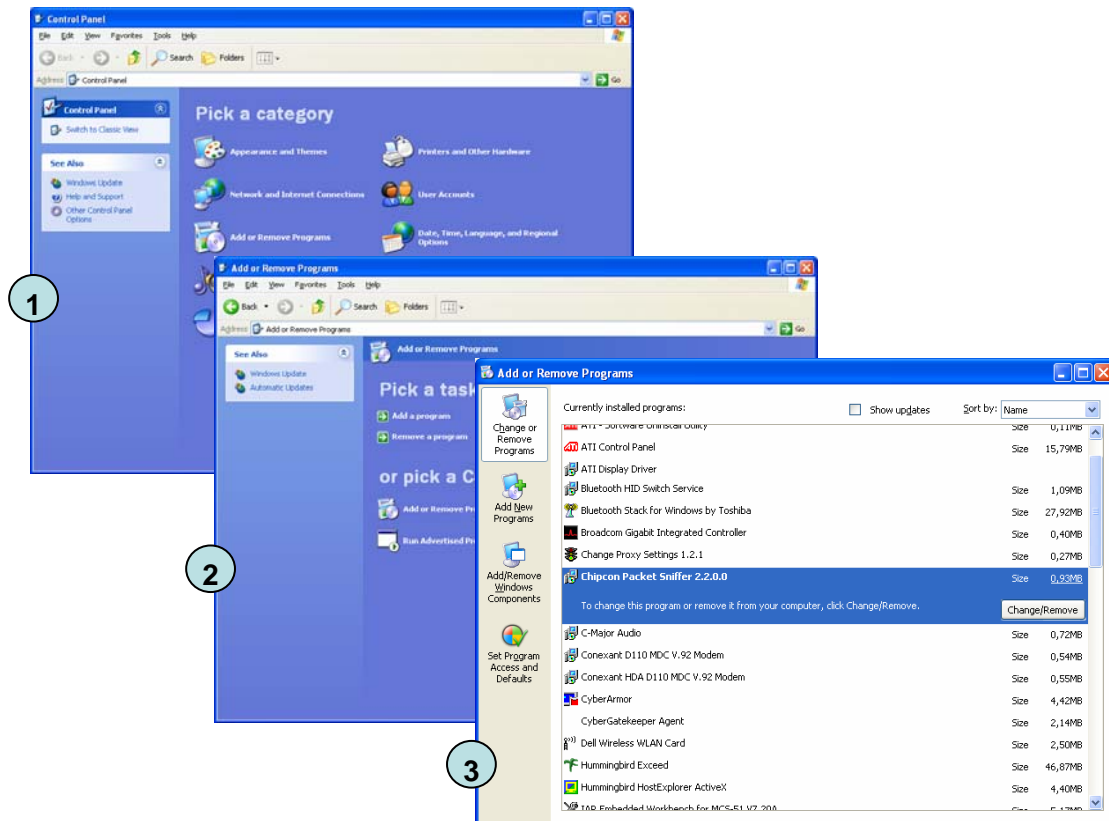


Figure 1. Add/Remove Programs

Check if all the files and directories have been removed. The exact location depends on the destination folder selected during installation. If the default destination folder was selected, this would be "C:\Program Files\Chipcon". This folder would contain the installed Chipcon tools and if all the tools should be removed, the complete folder should be deleted.

3 Start Menu

Check if the Start menu has been cleaned up completely. Click the Start button and select "All Programs". If all the Chipcon tools have been removed, there should not be any entry of "Chipcon" in the list of programs. If "Chipcon" can be found in the list, the entry has to be removed manually. Right click on "Chipcon", or any specific tools under "Chipcon" that should be removed, and select "Delete".

4 Drivers

4.1 Files

The files installed for the device drivers can be removed from the windows directory manually if not removed by the uninstall procedure. Follow step 1 through 4 in Figure 2.

1. Search and remove all <CC24*.*)> files from the Windows folder.
2. Search and remove all <cabal*.*)> files from the Windows folder.
3. Search and remove all <*.nf> files related to "CC2400".
4. Search and remove all <*.nf> files related to "srf04".

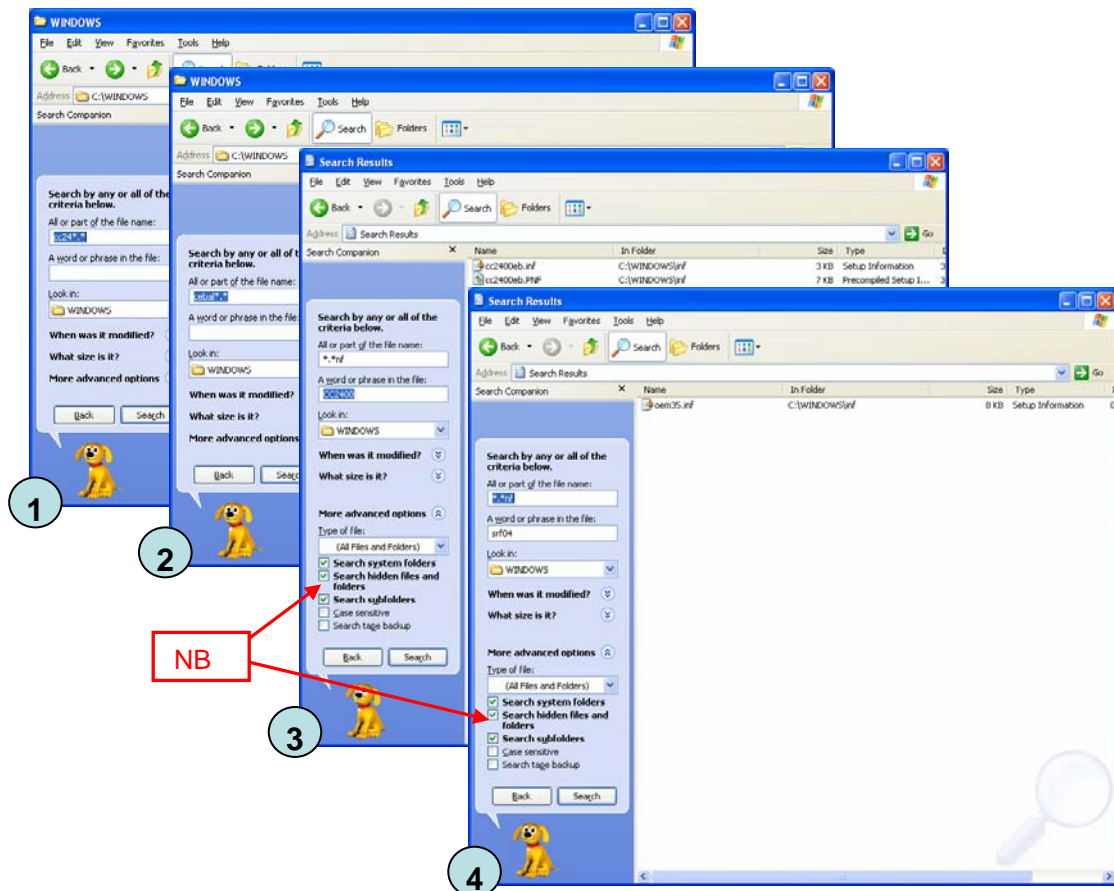


Figure 2. Remove Device Driver Files

4.2 Device Manager

Follow these steps to remove the device drivers from the Device Manager:

1. Press [Windows] + [Break] to bring up the System Properties dialog box.
2. Select the Advanced tab and click the Environment Variables button.
3. If the variable "devmgr_show_nonpresent_devices" is not in the list, click the New button below the System Variables panel. If the variable is in the list, click Cancel and go to step 6.

4. In the New System Variable dialog box, type *devmgr_show_nonpresent_devices* in the Variable Name text box and 1 in the Variable Value text box.
5. Click OK to return to the System Properties dialog box and then click OK again.
6. Select the Hardware tab and click the Device Manager button.
7. In Device Manager, go to View | Show Hidden Devices.
8. Expand the various branches in the device tree and look for the washed out icons, which indicate unused device drivers.
9. To remove an unused device driver, right-click the icon and select Uninstall.

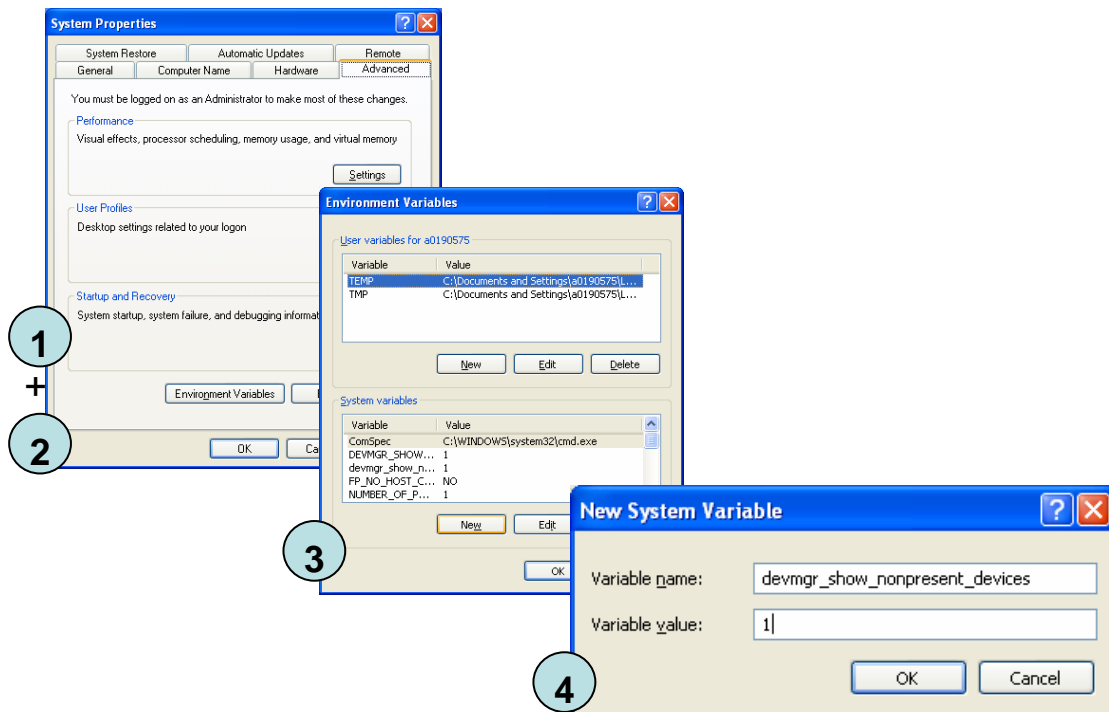


Figure 3. Show Non-Present Devices

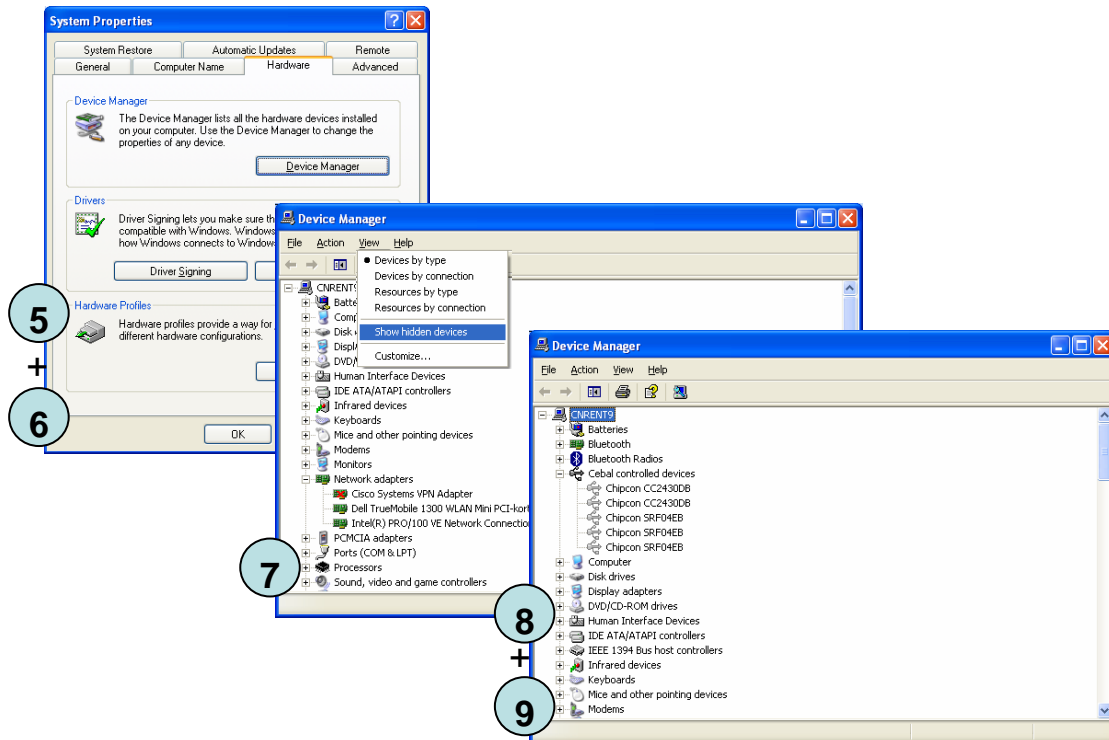


Figure 4. Device Manager

5 Windows Register

To cleanup the windows registry file, special precautions should be taken to assure that the system integrity is not violated. Microsoft recommends that before you edit the registry, you back up the registry and understand how to restore it if a problem occurs.

1. Click on Start and select "Run". Type "regedt32" in the run dialog and click OK.
2. Go to the key "HKEY_LOCAL_MACHINE" and remove the packet sniffer:
HKEY_LOCAL_MACHINE\SOFTWARE\Chipcon\Chipcon Packet Sniffer x.x.x.x
3. Go to the key "HKEY_CURRENT_USER" and remove the packet sniffer:
HKEY_CURRENT_USER\Software\Chipcon\Packet Sniffer
4. If the program still appear in the list of installed programs after uninstall, the register key must be manually removed. To do this, go to the following key entry in the registry:
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\Uninstall
Every key that is shown on the left side of the registry window represents a program that is shown in the list of installed programs when the tool "Add/Remove programs" is used. To find the correct key to remove, click on the key in the left window and check the information on the right side. The entry "Display name" should show "Chipcon packet sniffer". To remove the key, right click on the key in the left window and select Delete.

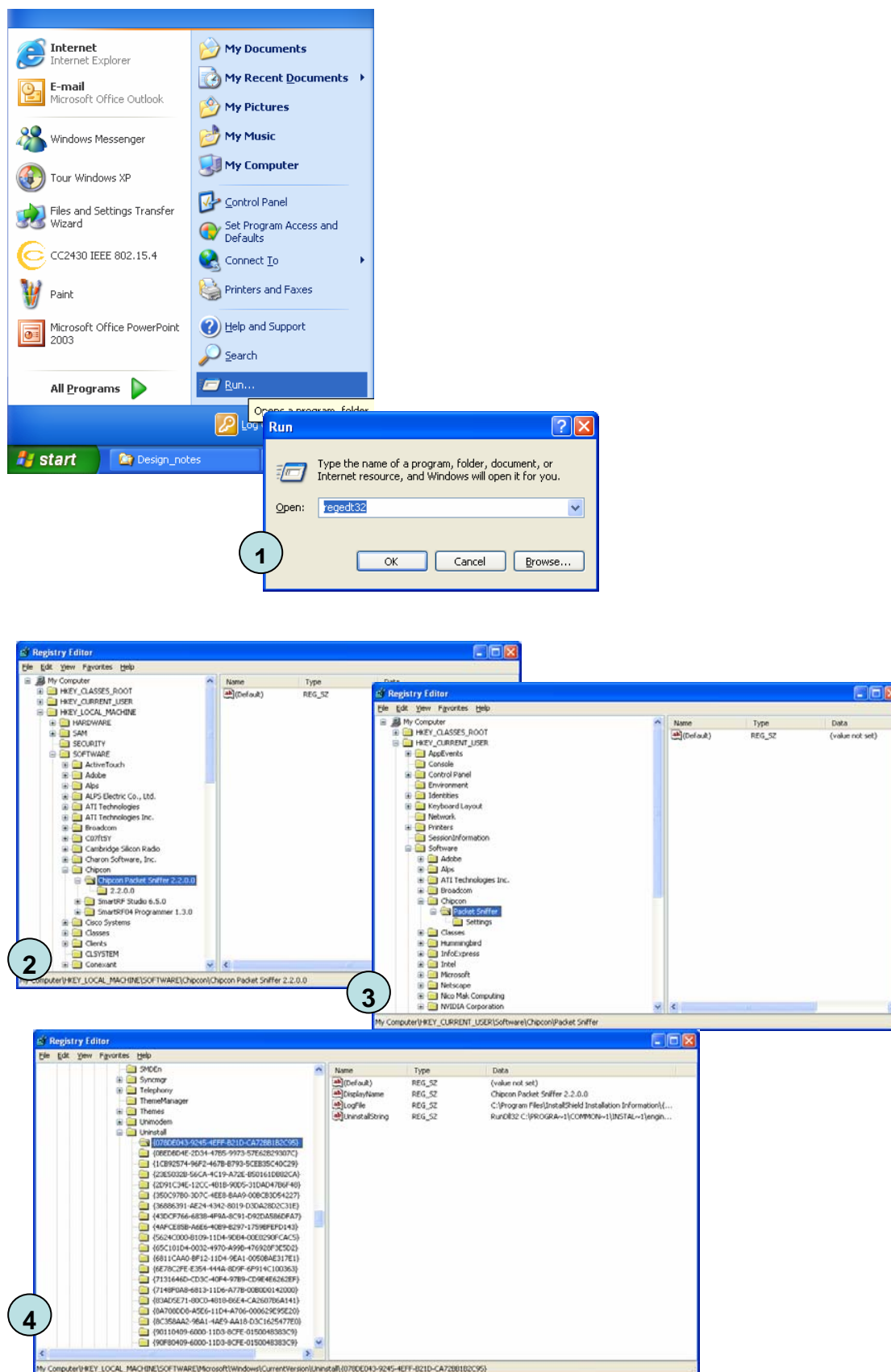


Figure 5. Registry

6 General Information

6.1 Document History

Revision	Date	Description/Changes
SWRA108	2006.09.20	Initial release.

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Mailing Address: Texas Instruments
Post Office Box 655303 Dallas, Texas 75265

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