This document will present the steps needed to Install / Un-install the drivers of MosChip USB based Serial / Printer port products of MCS77XX family.

In this document, the **MCS7715** is taken as an example to explain the installation process. MCS7715 offers one serial / printer port.
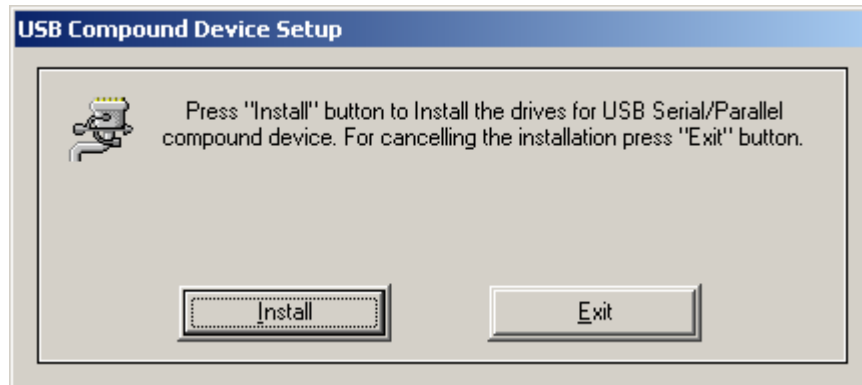
Driver installation for Windows Vista 32-bit:

Download the MCS7715 driver from MosChip Website at:
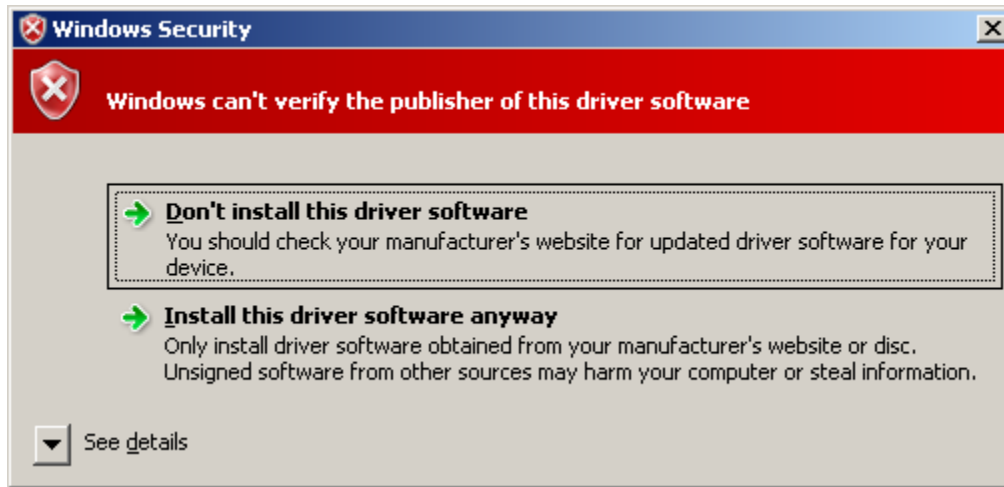http://www.moschip.com/html/download_drivers.html

Use **"Setup.exe"** utility to install the driver. Double click on Setup.exe to start the installation process. Make sure that the User installing the driver must be a member of the Administrator group on the system.
You will get a "User Account Control" window saying "An unidentified program wants access to your computer". Click on "**Allow"** to continue installing the Driver.
You will get an installation window as below, press **"Install"** button to install the drivers for USB Compound Device.
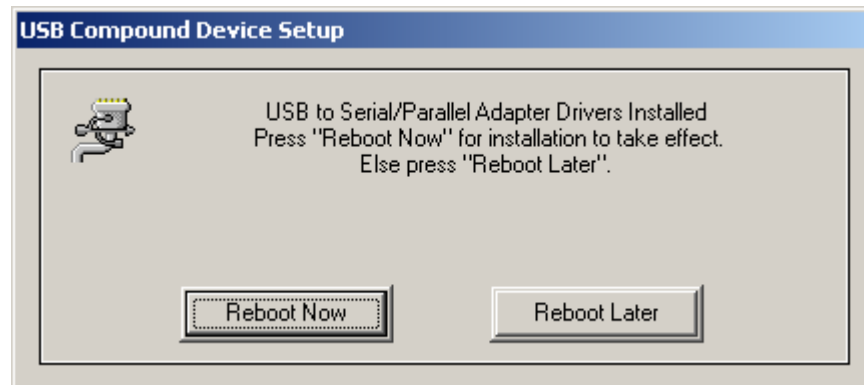

During the installation process, a "Windows Security" warning message pops up informing that "Windows cannot verify the publisher of this driver software". Ignore the warning message by clicking on the option **"Install this driver software anyway".**

You will get the above message two times and you have to select **"Install this driver software anyway".**

The utility displays a message stating "Installation completed". Use **"Exit"** button to complete the driver installation. If prompted by the OS, click on **"Reboot Now"** option.
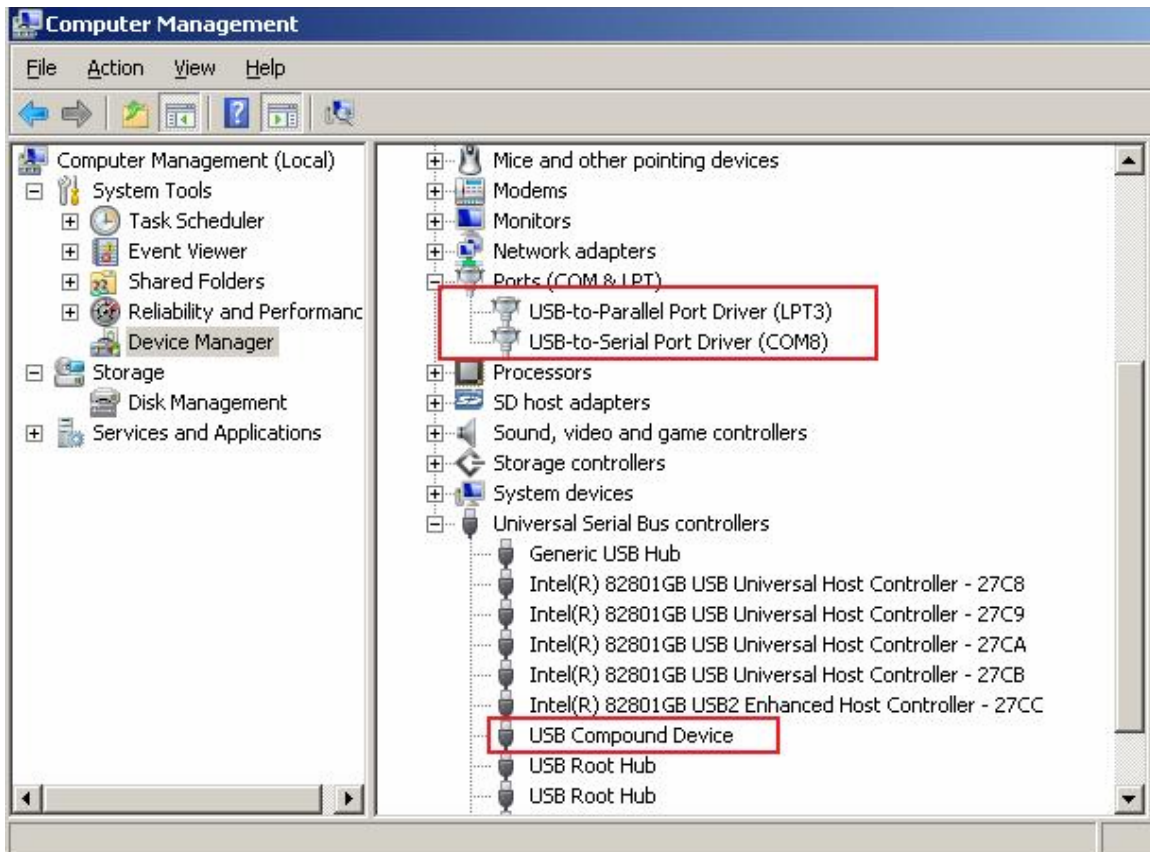

MCS77XX Device Detection:

Connect MCS77XX to the USB Host controller of the PC using a USB cable. The first time you plug-in the cable into the USB port, Windows will start installing the device driver software. You can see the installation status at the pop-up message of system tray. After installation, the pop-up message says "Your devices are ready to use", Device driver software installed successfully.

MCS77XX device detection can be confirmed by checking in the Device manager.

Check for **"USB Compound Device"** under Universal Serial Bus controllers and you will find **"USB-to- Serial Port Driver (ComX)"** and **"USB-to-Parallel Port Driver"** under the category *Ports (COM & LPT)*. Here 'X' in 'ComX' represents the serial port number. You can see the same in the figure below.
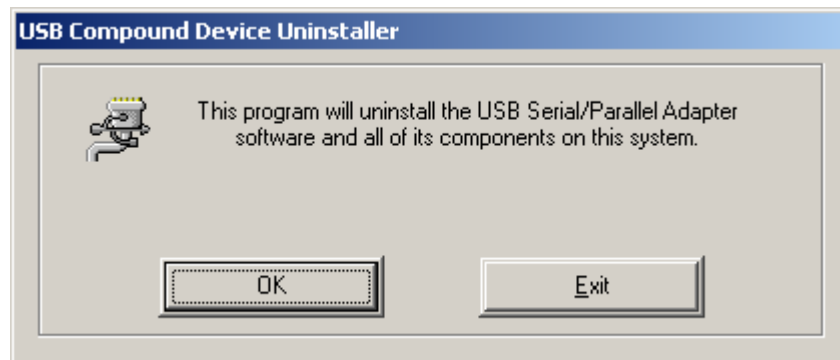

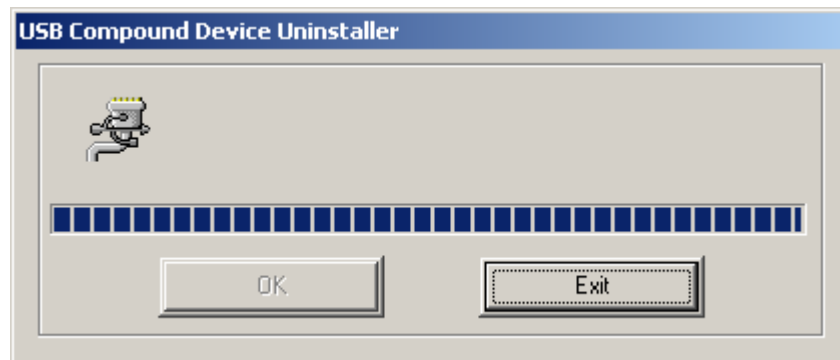## Uninstalling MCS77XX Device & Drivers:

There are 3 methods to uninstall the driver for MCS77XX.

Method 1:
Use **"MosUnst.exe"** to uninstall the MCS77XX device driver from your PC. Double click on MosUnst.exe to run the uninstaller. You will get a "User Account Control" window saying "An unidentified program wants access to your computer". Click on Allow to continue uninstalling the driver. When Uninstaller prompts for confirmation click on OK
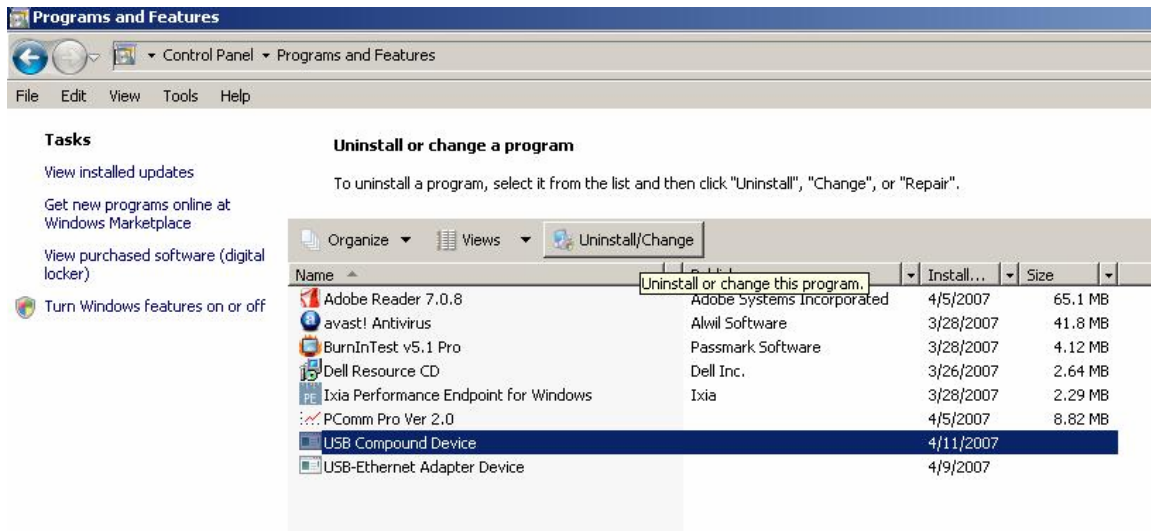
After uninstalling the driver, you will get the following window, where you need to use the **"Exit"** button to complete the uninstall process.

No need to restart the PC, unless prompted by the OS.
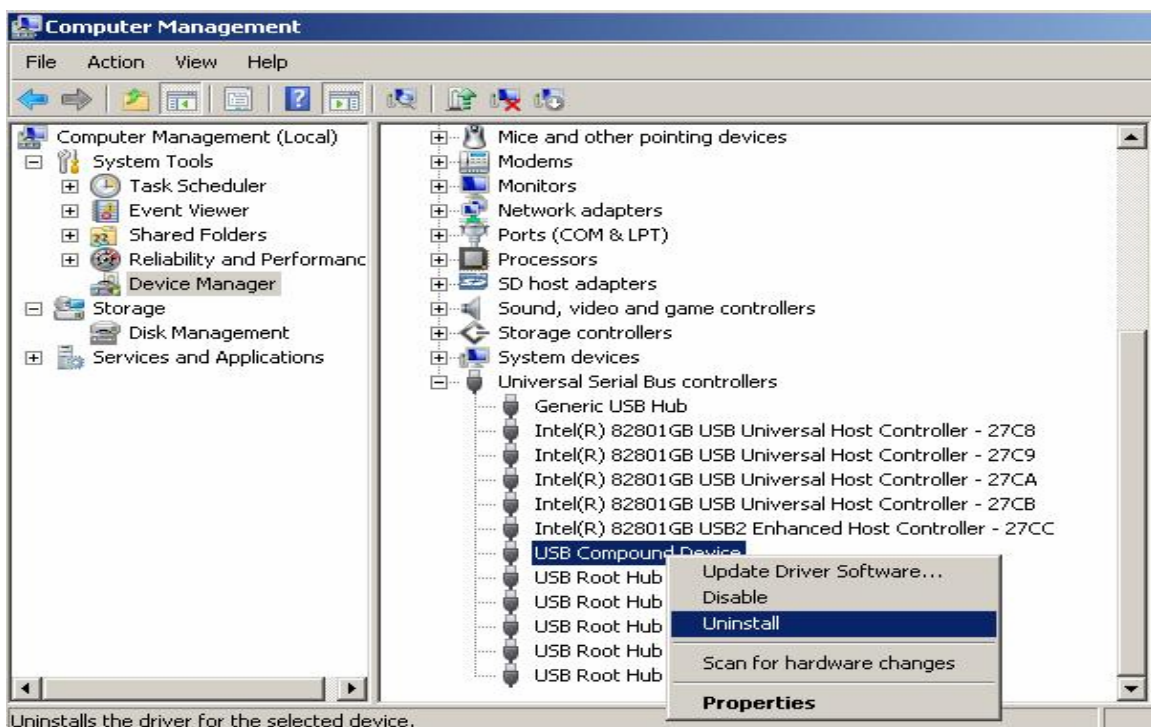
Method 2:
The driver can also be uninstalled through **Control Panel –> Programs and Features ->** Select **"USB Compound Device"** from list and then click **Uninstall**. This will remove the MCS77XX device driver from your PC

Method 3:

The MCS77XX device driver can also be uninstalled through **"Device Manager"** as well.

Go to Device Manager, Select USB Compound Device from the "Universal serial Bus controllers", Right Click on it, Select **"Uninstall"** as shown below

When prompted to confirm device uninstall, check the option **"Delete the driver software for this device"** and click on OK.

If you want to uninstall only the device, but retain the software driver for this device, just click on OK without selecting the option "Delete the driver software for this device".

Driver Installation in Windows Vista 64-bit:

The 64-bit version of Windows Vista is the first version of Windows that will only allow signed drivers and this restriction is built-in. MCS77XX drivers are unsigned and we request you to follow some prerequisites before installing the driver.

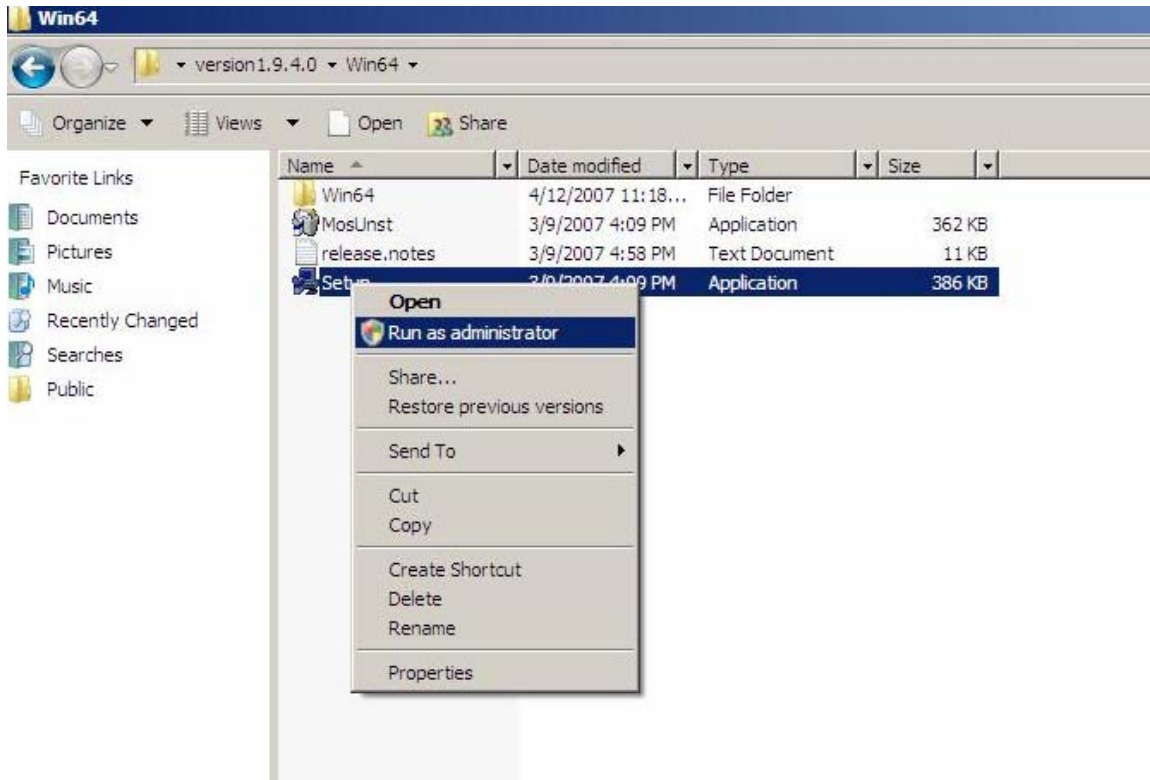### Preparing Vista 64-bit for Driver installation:

- **Using the F8 option:** Press F8 key on your keyboard while booting your PC. You will get into "Advanced Boot Options". Select "Disable Driver Signature Enforcement"
- An F8 Advanced Boot Option introduced with Windows Vista—"Disable Driver Signature Enforcement"—is available to disable the kernel-signing enforcement only for the current boot session. This setting does not persist across boot sessions.
  Note: Make sure to use F8 option every time you boot/reboot your PC before start working with MCS77XX.

- Make sure that the User installing the driver must be a member of the Administrator group on the system.

Installing the Driver in Windows Vista 64-bit:

Before running the installer (Setup.exe) or uninstaller (MosUnst.exe) utility of MCS77XX, right click on them and select **"Run as administrator"**. The same is shown in the following figure.

Note: Running the setup utilities as administrator is required, as "User Account Control (UAC) is enabled by default in Windows Vista, which does not allow the user to make changes to OS components. If UAC is disabled, you can install the driver without running the setup utilities as an administrator.

The UAC can be turned ON/OFF at Control Panel -> User Accounts -> Click on "Turn User Account Control on or off" -> Here you can disable/enable the UAC.

The remaining install/uninstall procedure of Vista 64-bit is same as Windows Vista 32-bit, as explained above.

Support:
Queries, Technical questions if any can be sent to techsupport@moschip.com

Revision History:

Version	Initiated By	Change Details	Date
1.0	B. George Sridhar	Initial Release	13th April, 2007.