AutoRun

 AUTORUN gives you a list of the processes that are running on your computer to help you choose which ones you can turn off (uncheck) safely. IF after reading the info AutoRun gives you about the running item, you still are not sure what it does, rightclick the item and click Google on the drop down list. Google will take you to a site that explains what that particular items does.

 To learn more about this nifty program, and to download it free click here: [Click here: Sysinternals Freeware - Autoruns](#)
Create a subfolder and name it AutoRuns in your C:\Programs folder. During the download process, click SAVE instead of RUN and locate the AutoRuns folder. Click SAVE. The zipped file will be downloaded to your AutoRuns folder.

Rightclick Start, click Explore and scroll down the left column to locate the C:\Programs folder. Click the + beside Programs and you will see the Autoruns subfolder. Doubleclick the Autoruns folder. Then click to unzip and extract the autoruns files to the same Autoruns folder. Click the file with the ? to read about Autoruns. Then click the Autoruns file to bring up the list of your running programs. Uncheck those that you do not need to have running..when you restart your computer and something isn't working, you can go back and check that item again.

Its a great tool for finding spyware and manually shutting it off.

It is a good idea to create a New Restore Point before using Autoruns.
Click Start...All Programs...Accessories...System Information...System Restore.
Place the dot in Create Restore Point and click Next. Name it Before Autoruns. The date will be automatically entered.

Updated 6/13/2006 JMM

MSCONFIG WIN98, ME, XP

Hewlett Packard is pleased to provide the following documentation via email.

This document applies to Microsoft(R) Windows 98, Me, and XP.

The Microsoft System Configuration (Msconfig) tool is a Microsoft software application used to prevent other software applications from opening with Windows. This document explains how to use Msconfig to resolve problems with the computer.

Using Msconfig

Msconfig prevents Windows from using software applications and settings. Use the following steps to prevent **all** software programs from automatically opening when Windows starts:

1. Click **Start**, and then click **Run**.
2. Type the following into the Open field: **msconfig**
3. Click **OK**.

   A System Configuration Utility opens.

4. For Windows 98 and ME, select **Selective Startup** on the **General** tab, and remove the checkmark next to **Load startup group items**.
5. For Windows 98, remove the checkmarks next to **Config.sys** and **Autoexec.bat**.

   NOTE: Many software drivers and antivirus software depend on Config.sys and Autoexec.bat in order to work. If you experience problems after completing these steps, perform the steps again replacing the checkmarks next to Config.sys and Autoexec.bat.

6. For Windows 98 and ME, click the **WIN.INI** tab, click the plus sign (+) next to the **windows** folder, and remove the checkmarks next to **load=** and **run=**.
7. For Windows XP, remove the checkmark next to **Load Startup Items**.
8. For Windows XP, click the **Services** tab, select **Hide all Microsoft services**, and remove the checkmarks next to all the items in the list.
9. When finished, click **OK**.
10. Restart the computer for the changes to take effect.

    After the computer restarts, a message about using Msconfig should appear.

11. To continue using Msconfig, click **OK** and then close the System Configuration window (do not restart the computer). To prevent the pop-up message from appearing again, place a checkmark next to **Don't show this message again**, and then click **OK**.

    NOTE: Once you have finished troubleshooting an issue, repeat these steps again, replacing the checkmarks, to allow startup programs and service to start with Windows again.

Explanation of the System Configuration tabs

The following list describes the tabs and the items listed inside the tabs in the System Configuration Utility window.

General

Use the General tab to prevent entire types of software applications from opening with Windows. The following selections are on the General tab:

- o **Normal startup**. This setting instructs Windows to open all software applications that are normally scheduled to start with Windows
- o **Diagnostic startup**. This setting provides a command when Windows opens. Each software application scheduled to start with Windows is displayed, one at a time. Type a Y to open the listed software application or type an N to prevent the listed software application from opening.
- o **Selective startup**. Use this setting to prevent software applications of a certain type from starting. Once a specific software application type under Selective startup is selected, then all software applications of that type will open with Windows. For example, select **Load startup items** to open all items listed on the **Startup** tab.

Config.sys (Windows 98 only)

This tab represents items listed inside the system configuration file. The system configuration file is responsible for opening software applications that set up and communicate with hardware components.

Autoexec.bat (Windows 98 only)

This tab represents items listed inside the automatically-executed batch file (autoexec). The autoexec file is responsible for opening DOS software applications before Windows opens. Most of the items inside the autoexec file are safe to prevent from opening with windows.

System.ini

This tab represents items listed inside the system information file. The system.ini file is responsible for providing Windows with the following information:

- o **[Boot]** - Provides windows with a list of files that opens when Windows opens. Most files are needed for Windows to operate correctly, such as the power driver, Windows sound driver, and Windows mouse driver. Do not remove the check mark next to any item that contains a Windows flag icon next to the listing.
- o **description]** - The names and settings of items, usually hardware, that are used by Windows. These settings should not be changed.
- o **[386Enh]** - Describes the file types that Windows will use for certain functions. Do not remove the check mark next to any item that contains a Windows flag icon next to the listing. Some software applications create a *device=* listing that causes communication problems with printers, external storage devices, scanners, and cameras.

- o **[drivers]** and **[drivers32]** - Provides Windows the files for audio and video formats. Do not remove the check mark next to any item that contains a Windows flag icon next to the listing.
- o The other items in this list set up the system environment.

Win.ini

This tab represents items listed inside the Windows information file. The win.ini file is responsible for providing Windows with the following information:

- o **[Windows]** - Software applications listed after *load=* or *run=* will automatically open with Windows. Remove the check mark to prevent the listed items from opening.
- o **[Desktop]** - Contains settings for the Windows Desktop. Do not disable Desktop. Instead, set the Windows Desktop theme to None from Display Settings.
- o **[Compatibility]** - Contains settings used by Windows to make certain software applications compatible with Windows. Do not disable.
- o Other items are settings set up the Windows environment.

Boot.ini (Windows XP)

This tab displays the boot.ini file used to boot Windows. Changes to how Windows starts can be made here.

Services (Windows XP)

The Services tab lists the programs that start with Windows, or are run periodically by Windows.

Startup

This tab represents software applications that open automatically after Windows opens. Disable individual software applications by removing the check mark next to the name and path.
For Windows XP, do not disable the following startup items:

- o **Alcxmntr**
- o **backupnotify**
- o **ccapp**
- o **ccregvfy**
- o **hpsysdrv**
- o **kbd**
- o **LTMSG**
- o **NvCpl**
- o **ps2**
- o **recguard**

o **VTTimer.**

For Windows 98 and ME, do not disable the following startup items:

o *statemgr (ME only)
o Hpsysdrv
o hidserv (ME only)
o Keyboard manager
o Mgarvctlexe
o MotiveMonitor
o PCHealth
o Primax3d Mouse.
o ScanRegistry
o SystemTray or SysTray
o Taskbar Display Controls
o USBMMKBD
o Vshwin32.exe (98 only)

If a scanner is connected to the computer, do not disable **HPScanpatch** and **HPLamp**. The following is a list of the types of software applications that open from the Start tab:

o **Anti-virus software** - Disable Anti-virus software only when troubleshooting.
o **Keyboard managers** - Disable to prevent the extended multimedia keys and volume control knob from working.
o **Systems tray icons** - Disable to prevent a software application tray icon from displaying on the systems tray (next to the time).

Environment (Windows Me)

This tab contains the same information in both the Autoexec.bat and Config.sys tabs.

Static VxD

VxD (Virtual Extended Device Driver) files are software applications that load with Windows and are extensions of basic Windows functions. Other software applications and Windows functions may require these files. Disable Static VxD only for troubleshooting.

Related support

Preventing Programs from Opening When Windows Starts

Resolving Computer Lockups, System Freezes, and Related Error Messages

Troubleshooting Power Supply Issues

MSCONFIG INFO

http://www.sysinfo.org/startuplist.php

http://www.sysinfo.org/startuplist.php

Windows XP
HP recommends that you DO NOT disable the following startup items:
Any that are anti-spyware or anti-virus programs
Alcxmntr
Backupnotify
Ccapp
Ccregvfy
Hpsysdrv
Kbd
LTMSG
NvCpl
Ps2
Recguard
VTTimer
****

Windows 98 & ME
HP recommends that you DO NOT disable the following startup items:
Any that are anti-spyware or anti-virus programs
Statemgr (ME only)
Hpsysdrv
Hidserv (ME only)
Keyboard manager
Mgarvctlexe
MotiveMonitor
PCHealth
Primax3d Mouse
Scan Registry
System Tray or Sys Tray
Taskbar Display Controls
USBMMKBD
Vshwin32.exe(98 only)

IF a scanner is connected to the computer, do not disable HPScanpatch and HPLamp.

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