HP Performance Tuning Framework (PTF) offers a quick and easy way to configure and update HP Workstations and improve their stability and performance while helping you work faster and more productively. With HP PTF, you can spend more time designing and less time troubleshooting IT with a tool that lets you:

• Maximize workstation performance
• Enjoy simpler discovery and communication processes for hardware or technical application problem reporting.

HP PTF is available free of charge at www.hp.com/go/ptf.

Setting up a workstation can be a difficult task, but it doesn’t have to be that way anymore. HP PTF helps you tailor your system setup to your specific applications—and how you use them. No more wading through hardware and software combinations. With HP PTF, you get a consolidated report of your current hardware and software configuration, along with system-tuning opportunities to help boost your productivity.

• **Detailed configuration report**: Print or save this handy consolidated report for future reference and support calls. HP PTF gathers and organizes system data into one simple window, so you can quickly and easily view configurations and online technical specifications for each system, 3D schematics, and a link to order upgrade parts. Now you can find out not only how much RAM you have, but also how many DIMMS, what size they are, and how many open slots remain—all without opening your system.

• **Graphics driver selection**: Organize graphics driver certification information to help determine which driver you should load for consistent application stability. Eliminate the guesswork—at the click of a mouse. HP PTF identifies the specific drivers that have been tested and certified for each of your applications. The data is updated from a secure HP database each time the tool is run.

• **OS tuning page**: Quickly and easily modify your Microsoft® Windows® XP configuration parameters for CAD and other complex applications. Get helpful parameter descriptions such as: background information about the tuning parameter, desired setting, and information on when parameter changes will take effect (i.e. immediately, or after Windows restarts).
The HP Performance Tuning Framework guides system setup, allowing custom configuration that best matches user requirements. You can easily view configuration reports and select other system tuning opportunities to increase your overall productivity on HP personal and mobile workstations.

- **Performance check-up page**: Leverage the capabilities of the Windows System Assessment Tool (WinSAT) to evaluate features, capabilities, and performance of workstations running Windows Vista®. HP PTF can connect to the WinSAT utility and display the Windows Experience Index (WEI), which gauges the relative performance of your workstation, measured during the most-recent formal assessment, against a database of scores submitted for similar and different workstation models.

- **Large memory enablement**: Access the maximum amount of memory allowed in Windows 32-bit operating systems and prevent accidental or incorrect changes that can adversely impact your system.

- **Resource usage**: Learn how your applications and processes are using physical and virtual memory and view color-coded results. Identify the system memory required to achieve maximum productivity and avoid excessive disk access. Monitor memory usage and avoid costly system freeze ups when the memory limit is reached.

- **Resource collector**: Get a summary log of the specific memory and system resource parameters of your applications to determine how system resource limits were approached and the fitness of the current hardware and software configuration for your dedicated tasks.

- **Exclusive HyperTune technology**: Improve the graphics performance of Siemens PLM Software NX on HP workstation platforms. The HyperTune for NX module provides a rich user interface that allows you to finely control graphics settings that affect performance.

- **Application-specific configuration**: Optimize hardware for your specific application while also improving its performance, stability, and reliability.

- **Affinity selection**: Limit the execution of a program or process to selected processors. Use with multi-core systems to dedicate unique cores to your most critical applications so they can operate without interference from other applications.

- **Dynamic Framework updates**: Set it and forget it. HP PTF downloads the latest information on application certifications, new tuning features, and new technical applications automatically over the Internet.
Comparison

The traditional way of viewing configuration information requires the opening of multiple windows and searching for specific detailed information and locating data and recording it. The HP PTF way, plus unique features in the HP workstation that allow electronic access to data, provides a single screen that shows all of the data available. This data can be saved or sent to IT or application support organizations.

• **Maintain software and hardware**: View information, status, and downloads for HP-provided client management utilities such as HP System Software Manager, HP Client Management Interface, and HP BIOS Configuration for ProtectTools. The 3Dconnexion Motion Controller Page reports on the motion controller installation detected in the Windows Registry, the USB Plug-and-Play motion controller currently connected (i.e. HP SpacePilot), the 3Dxware software driver version, add-in and plug-in application software installed, and hyperlinks to motion controller product information.

Maximize the benefits of HP Remote Graphics Software, which allows users to view and control remote applications through a standard network, with configuration and maintenance information about the software’s features.

• **Log analyzer and error diagnostics**: Retrieve important information from the NX log that can help you inspect NX custom settings and diagnose NX problems. Detect large error sets and categorize and diagnose each error to point to a potential resolution.

• **Absolutely no charge**: The HP Performance Tuning Framework ships with all HP personal and mobile workstations. It can also be downloaded at no charge from: www.hp.com/go/ptf.
HP Performance Tuning Framework

HP recommends Windows Vista® Business

System requirements

<table>
<thead>
<tr>
<th>Hardware systems</th>
<th>HP PTF only runs on hardware designed for its use, which includes HP personal and mobile workstations running Microsoft Windows operating systems. See <a href="http://www.hp.com/go/ptf">www.hp.com/go/ptf</a> for details on hardware support.</th>
</tr>
</thead>
</table>
| Operating system | Genuine Microsoft Windows® XP Professional 32-bit  
Genuine Microsoft Windows® XP Professional x64  
(using version 2.0 of Microsoft’s .NET Framework)  
Genuine Windows Vista® Business 32-bit  
Genuine Windows Vista® Business 64-bit |
| Memory           | Specified by operating system and target application per workstation |
| Graphics         | See www.hp.com/go/ptf for a full list of supported NVIDIA and ATI graphics cards |
| Supported 3Dconnexion controllers | HP SpacePilot, USB SpaceTraveler, USB Spaceball 5000, the 3Dconnexion driver, application, and USB configuration are reported on the 3Dconnexion Motion Controller Page |
| Disk space       | 10 MB for installation |
| Networking       | Standard TCP/IP, Microsoft .NET v2.0 |


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For more information, visit www.hp.com/go/workstations or www.hp.com/go/ptf

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