



MTI
Tech Solutions

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MTI Tech Solutions Newsletter

What's An Internet Connection?

Your Guide To The Different Types of Internet Connections.



There are several different types of internet connections:

1). Dial-up:

Dial-up Internet Access is a form of Internet accessible via telephone lines. If you have this type of connection, your computer or router will use an attached modem connected to a telephone line to dial into an Internet service provider's to establish a modem-to-modem link.

2). DSL:

Broad Broadband digital communications connection operates over standard telephone wires. It requires a DSL modem, which splits transmissions into two frequency bands: the lower frequencies for voice (ordinary telephone calls) and the upper band for digital data, especially for connection to the Internet. Data can be transferred via DSL at much higher rates than with ordinary dial-up modem service; the range of DSL signals, however, is very small.

3).Cable:

Through the use of a cable modem you can have a broadband Internet connection that is designed to operate over cable TV lines. The coaxial cable used by cable TV provides much greater bandwidth than telephone lines, and a cable modem can be used to achieve extremely fast access.

4). Satellite:

Satellite Internet Connections allow you to access the

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Five critical windows Fixes were released Tuesday, September 8th, 2009 .

Microsoft announced that they will deliver five security updates all deemed critical, the company's highest threat rating. Each of the updates were tagged as affecting both the client and server versions of Windows which includes XP, Vista, and Server 2003 & 2008.

Internet via a satellite that orbits the earth. A satellite is placed at a static point above the earth's surface, in a fixed position. Because of the enormous distances signals must travel from the earth up to the satellite and back again, IoT is slightly slower than high-speed terrestrial connections over copper or fiber optic cables.

5). Wireless Internet Connections:

Wireless Internet or wireless broadband is one of the newest Internet connection types. Instead of using telephone or cable networks for your Internet connection, you will use radio frequency bands. Wireless Internet provides an always-on connection which can be accessed from anywhere - as long as you are geographically within a network coverage area.

Choosing which type of internet connection will work best for your company can be a daunting process, contact MTI today for assistance in selecting your internet connection.

* Stay tuned for upcoming newsletters with more information regarding internet connections.

What Are The Different Type Of Operating Systems?

Over the past few years, several different operating systems have been introduced to the public each promising something bigger and better than its predecessor. Here is the low-down on the most recent operating systems and what they have to offer to their users.

Windows XP :

Windows XP is an operating system developed by Microsoft for use on personal computers. There are 3 versions of Windows XP; Home which was designed for the home user and Professional which offers additional features such as support for Windows Server domains and is targeted at business and enterprise clients. Windows XP Media Center was created for multimedia enhanced features like the ability to record and watch tv shows, DVD's and listen to music.

Windows Vista:

The patches will also correct issues with the JavaScript engine, Windows Media Player file formats, and most importantly the bugs related to Internet explorer.

Hackers can use the current vulnerabilities in Internet explorer by duping users to shifty sites or injecting malicious script right into the webpage itself.

To ensure that your systems are up-to-date MTI Tech Solutions recommends installing the latest set of patches as soon as possible. Contact MTI today to schedule a service visit!

* Please note, not all machines are equipped for the updates; similarly some software programs like Oracle & QuickBooks can be rendered inoperable. Contact a professional to install the critical patches.



Windows Vista is one of the latest operating system developed by Microsoft for use on personal computers. There are 4 versions of Windows Vista Available:

Vista Home Basic: Basic is a good choice if you have basic computing needs, such as e-mail, browsing the Internet, and viewing photos.

Vista Home Premium: Contains all features from Home Basic, but also supports additional features such as support for HDTV and DVD-authoring. It also includes games, support for mobile and tablet PCs, for network projectors & for touch screens. Also unlike home basic, it includes a utility to schedule backups. Home Premium supports 10 simultaneous SMB peer-network connections (compared to 5 in Home Basic).

Vista Business: Includes all the features of Home Basic with the exception of Parental Controls and the Windows Vista Standard theme. Vista Business can join and participate in a Windows Server domain and includes a single user Remote Desktop server,

Vista Enterprise:

Windows Vista Enterprise was designed to address the needs of global organizations. IT provides a higher level of data protection using hardware-based encryption technology. It also includes tools to improve application compatibility and enables organizations to standardize by using a single worldwide deployment image. Windows Vista Enterprise is only be available to customers who have PCs covered by Microsoft Software Assurance or a Microsoft Enterprise Agreement.

Vista Ultimate:

Windows Vista Ultimate combines all the features of the Home Premium and Enterprise editions, plus "Ultimate Extras". 64-bit Ultimate supports 128 GB of RAM , improved document sharing and networking support & advanced security features.

Windows 7 :

There will be 6 separate versions of Windows 7 when the new OS is launched. Some versions will not be available in the United States, don't fret, these are the versions of Windows 7 you wouldn't want. They lack the ability to share an internet connection and run more than 3 programs simultaneously.. Not an ideal application for use in a business setting.

The run-down on version Features:

Windows 7 Home Premium: Includes multi-touch capability, media functionality, and the ability to create home network groups; geared more towards the home user.

Windows 7 Professional: Includes enhanced networking feature, backup and offline folders. This version is geared towards small business users.

Windows 7 Enterprise: This edition will only be sold through volume licensing to companies which have Software Assurance contract with Microsoft.

Windows 7 Ultimate:

Windows 7 Ultimate contains the same features as Windows 7 Enterprise, but unlike that edition it will be available to home users on an individual license basis. Windows 7 Home Premium and Windows 7 Professional users will be able to upgrade to Windows 7 Ultimate for a fee using Windows Anytime Upgrade if they wish to do so.

Interested in upgrading your current operating system?
Contact MTI today.



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