

How High Speed Dial Up Internet Service Works?

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What is High Speed Dial Up?

High Speed Dial Up Internet service is an exciting new technological process that utilizes your existing dial up phone lines and computer modem. Special accelerating software is installed on your PC and your dial up provider employs super-fast Internet acceleration servers. This combination of hardware & software will speed up your Internet browsing experience dramatically.

Anyone who has surfed the Internet using a standard 56k dial-up connection is painfully aware of how slow web pages seem to load. This is due to the simple fact that your dial-up Internet connection speed is limited by the fixed bandwidth of the phone line.

Although you can't increase the bandwidth of your dial-up Internet connection without upgrading to a more expensive [Broadband ISP](#), you can make your existing browsing speed seem much faster.

How Does Fast Dial Up Service Work?

Depending on your high speed dial up service providers plan, Special compression and caching software is usually installed on your PC. There's generally a menu where you can adjust acceleration preferences, such as image compression levels, excluded sites, etc.

You connect to the Internet via your ISPs' super high speed proxy servers. The time required to access the web site is reduced, and unwanted ads can be removed if desired. Much of the data needed to display the web page on your browser can be compressed. These processes vastly reduce the amount of data that needs to be transmitted between the telephone line and your computer's modem.

The data and image compression software will provide an immediate boost in performance and speed. Caching saves time by avoiding unnecessary repetitive data transmission by intelligently retaining and reusing data that was previously downloaded to your computer. The longer you use the high speed dial up software the greater improvements you should notice in surfing speeds.

What Gets Accelerated?

Internet accelerators work differently, but generally, All text including the HTML and other markup of the web page, email message text, and other text files are compressed on the fly. The files are then decompressed to as they are downloaded to your computer.

Graphic images such as GIF and JPG files are already in a compressed state. The acceleration server will then reduce the quality of the image somewhat to create an acceptable trade-off in image quality vs speed increase by the reduction process.

What Doesn't Get Accelerated?

Not all data can be compressed and some content such as MP3 music files, video files, P2P and ZIP file downloads, and streaming video feeds will not be accelerated. Previously compressed data & encrypted data from secure web sites will not be accelerated.

Encrypted data from secure sites such as banking and secure shopping carts will be sent directly, and no accelerated speed increase will be realized.

How Fast Is It?

Most high speed dial-up providers claim that accelerator web pages load an average of 5 to 15 times faster. Naturally, the specific speed increase you will receive is determined by many factors including the types and frequency of web sites that you visit. Some users have reported up to 20 times speed increases for specific web pages.

The longer you use the hi-speed Internet accelerator software and more regularly you visit specific web sites, the greater the performance boost you will realize.

Is High Speed Dial Up For Me?

Only you can answer this question, since everyone has different needs and expectations. Many low cost Internet providers offer high speed dial up accelerators as add-ons to their Internet service package.

You will find many special introductory deals as you compare Internet accelerator service options using our low cost [dial up Internet provider](#) comparison chart.

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