

Higher upload speeds: the options available

Most internet connections these days are asymmetric. That is, their bandwidth speeds are not equal when sending and receiving. Usually, what that means is that users get much faster downloads than uploads with their Internet Service Provider (ISP). However, in some cases, higher uploads are available.

SDSL, for example, is an Internet service that stands for 'Symmetrical Digital Subscriber Line.' It is a form of regular DSL, which is Internet that runs through copper telephone wires. The "symmetrical" part means that the speeds going in both directions are the same.

Fiber lines are another way for data to travel over the Internet at much faster rates. However, these can be very expensive to set up and maintain, though they are definitely the best available for speeds. Usually only high-end businesses with large budgets are able to afford personal fiber lines.

Multilink PPPoE is a type of Internet that can achieve high upload speeds by combining multiple DSL lines together using special technology. With this method, the force of two, three or even four lines is delivered to an end user and translated as being a single line of communication.

Cable Internet also is able to provide high bandwidth usage similar to Multilink PPPoE, but usually cannot compare on price because the technology behind PPPoE is inexpensive to deploy.

Aggregated ADSL is a way of accomplishing a similar effect to that of Multilink PPPoE except that it operates on a different level. Aggregated ADSL is dependent on software that is outdated. When a service is dependent on software, it can come with uncertainties that make it unreliable. For example, if the software has a bug in it, or has some incompatibility with hardware, the user might experience problems on their end. The software and the device that Aggregated ADSL operates from is also located at the user's premise, which means that maintenance and support can take longer than if the main control were at the ISPs premise. In short, the service lacks upgrades and the trend today is to move toward Multilink PPPoE, which offers more reliability by operating at a hardware level rather than a software level.