

Case Study No. 3 - Comparative Analysis Between Websites of Cable, DSL or Satellite Providers

Case Study:

Visit web sites of cable provider, DSL provider and satellite provider to obtain information on their Internet services. Prepare a brief report summarizing the features, benefits and costs of each. Which is the fastest? What, if any, are the downsides of selecting any of the three for Internet service?

Case Study Answer:

Here are the following websites I have visited and compared:

- Cable Provider - [Spectrum](#)
- Satellite Provider - [Viasat](#)
- DSL Provider - [AT&T](#)

Here is the comparison table:

Name	Type	Speed	Cost
Spectrum	Cable	100Mbps - 940Mbps	\$49.99/2148.62 php
Viasat	Satellite	12Mbps - 100Mbps	\$50/2419.11 php
AT&T	DSL	0.2Mbps - 940Mbps	\$50/2419.11 php

There is a distinguishable differences in the speed provided using the different technology.

Choosing cable internet is significantly better in terms of speed and cost. The cost is lower compared to other type even though it provides higher speed because it will cost less for the providers. Cable internet is currently the most used in residential area. The downside of this is that there are certain areas which can not opt for this type of internet technology such as rural areas.

Selecting satellite internet has advantages because it does not use cable or wire to transmit data. It uses satellite dish to connect to the geostationary communication satellite. The downside of this is that there is latency in the delivery of request and response to and from the client and the server because of the distance the signal has to travel.

DSL (Digital Subscriber Line) uses telephone lines to connect to the internet. This technology allows the usage of internet and telephone concurrently because voices that are transmitted use the low frequencies while the internet uses the high frequencies. The disadvantage of this is that this is an old technology. The type of wire used for the direct line is also notable for slower speed.