Article published on April 4th 2012 | Internet

The world today is almost entirely dependent on the internet. All businesses are in search of fast internet speeds regardless whether they are private or publicly owned. This is why everyone got swept up into the Ethernet wave. First there was Ethernet, then fast Ethernet and the latest of them all is the gigabit Ethernet. With the gigabit Ethernet connection, you get ten times more speed than you did with the fast Ethernet. This means that it works at an amazing speed of 1000megabits per second or 1gigabit per second. When the prospects of having gigabit Ethernet was being conceptualized, it was thought that fiber optic cable would have to be used but the good news is that ordinary twisted copper wire can be used. CAT5e and CAT6 standards of cable work just fine with this kind of Ethernet.

What is so special about gigabit Ethernet?

The most outstanding feature that draws everyone to the latest type of gigabit technology is the fact that it has out of this world speeds. Imagine what you can get done with 1000megabits per second. At such speeds, transfer of information can be superfast and communication can be done in much less time than it is done when using fast Ethernet. Although the change from fast Ethernet and Ethernet to gigabit Ethernet is taking effect much slower than anyone may imagine, it is only because the other types of Ethernet are efficient enough for the places they are being used. Ethernet can work with twisted copper cable even though there is the general understanding that copper cabling can only take 10megabits per second up to 100 megabits per second. The CAT5e and CAT6 cabling is specifically used due to this.

The Ethernet revolution

Gigabit Ethernet just seems to have these unending advantages that make it so appealing to clients. It is ideal for huge conglomerates and research organizations and it is in these sectors of business that it is most prevalent. This kind of Ethernet has the added advantage that it can be transmitted using different types of gigabit Ethernet fiber. It can use ordinary twisted copper cabling or fiber optic cabling. Whichever suits you best will work just fine. Also, you do not have to alter as much as would be the case with other kinds of connections. Not too many plug ins and such complexities are required for an Ethernet connection. It therefore saves you a lot with regard to the installation process. It has fast bandwidth that will solve the problem of bottlenecks for you entirely. Gigabit Ethernet has the ability to deploy broadly using gigabit Ethernet fiber which can either be CAT5e or CAT6 cabling. This therefore means that you will not incur any costs of rewiring. Gigabit has full blown duplex abilities which are very beneficial to your network. It will allow you to both receive and send information simultaneously. This theoretically means that the band width at which you are working is actually doubled. You can also say goodbye to bad video quality and distorted sound clips with gigabit Ethernet.

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Know all there is to know about the new fascinating a gigabit Ethernet fiber and learn what it can do to upgrade your business. Also, find out why a gigabit Ethernet is a cost effective service at

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Article Keywords:
Gigabit Ethernet,internet, sweeping the Nation

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