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VoIP (or Voice over Internet Protocol) is an internet based phone service. VoIP is a new and advanced technology which offers both voice and data communication. VoIP is the latest communication media which has surpassed the old and traditional phone systems. Through VoIP, one can make and receive calls to any place in the whole world at any time by using internet connection. The major thing that attracts people towards VoIP is that it is absolutely wireless technology and also VoIP does not need any heavy equipment or hardware systems. The required things are a computer or laptop to install the VoIP and an internet connection, also a head phones are required to talk and hear the voice of the other person.

Moreover, VoIP proves very beneficial for various business organizations because of its cost effective, scalable and portable nature. The main reason of small business organizations switching to VoIP is the â€œlow costâ€• or â€œCost Saving natureâ€•. In a research it has been found out that by us phone, you can save up to 90% on your monthly phone bills.

Basic Working Principal of VoIP

The basic working principal of VoIP is that it converts the voice signal (an analog signal) into the computer understandable language, that is, digital signal then the data packet of digital signal is then transferred to another computer by using internet connection and after reaching to other computer the data packet is again converted into the analog signal which is easily understandable to the listener.

Common Types of VoIP

There are many different types of VoIP to make and receive calls, however let us discuss the most commonly used three of them:

1.) IP Phones or VoIP Phones

IP phones are very identical to the traditional phone sets in appearance. However, the big difference is that standard RJ-11 phone port is replaced by an RJ-45 Ethernet port. IP phones are wireless and are directly connected to the router for working conjunctionally with installed software on your computer.

2.) ATA (Analog telephone adaptor)

ATA is basically a converter which converts analog to digital signals. It is a device that permits you to connect a normal phone to your computer system or internet connection. It works by taking analog signal from the standard phone set and converts into digital signal to transfer it over the internet for the other person to listen it.

3.) Computer to Computer (or Software VoIP)

This is the most simple form of VoIP. The required things are right software installed in both side of computers, a headset, a sound card and internet connection. The most common example of this VoIP is Skype.

There are also various benefits of using VoIP phones. It is very cost effective as its call rate is very

less. VoIP has also a portability feature. Beyond all these benefits VoIP service providers provides many optional advanced features. Some of them are as: caller ID, caller ID block, 3-way conference, call waiting, call forwarding, simultaneous ring, voice mail facility, do not disturb, anonymous call rejection, speed dialing and many more.

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