Basic Understanding and forms of VoIP Devices by Cranvas Technologies

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In todayâ€™s technological world, it becomes very fast and easy to communicate with someone at any place of the world. Till now, for making long distant calls you have to connect with a phone company to make your communication possible. Like there are so many landline telephone companies and mobile phone companies, and you have to pay them a lot of charges or fees at the rate of per minute for your phone calls. Often the charges of the phone call depend on the day and the time of the day when you are making a call, also the place where you are calling. And the time you spend on talking is also counted, and you will receive your monthly phone bill at the end of the month which can be very shocking and may hinder your bank account. And this is all the waste of money if you have a free or low cost option. There is an advanced technology that gives you a chance to say good-bye to the old traditional and expensive phone system for long distance calling. VoIP or can say â€œVoice over Internet Protocolâ€• is that technology for changing the mode of long distance calling system.

VoIP is the process through which one can talk to any person at any location of the world by using internet connection as medium. Internet connection is the basic requirement for using VoIP telephone system. If works by taking your voice which is an analog signal and converting them into the digital data which is understandable language of the computer and then send it over the internet to another personâ€™s computer. Then the listenerâ€™s computer will again convert this data into analog form which is the resulted voice to listen to the listener. This is the basic working process of the VoIP phone system. VoIP software and devices are easily available in the market. This is the absolutely free phone service for long distance calls which is widely used by the business organizations and in homes where they have to make long distance call usually. The telephone companies are not involved in this system.

There are many types of devices for using VoIP phone system to make long distance phone calls. Letâ€™s find out some of them as follows:

1.) ATA, or Analog Telephone Adapter

Analog Telephone Adapter, ATA, is basically a device that works as a converter to covert analog signals into digital signals. By using ATA, you can easily connect a normal phone set with your computer. And then it starts working according to the basic working principle of VoIP system.

2.) VoIP phones

VoIP phones looks similar as traditional telephone sets. But the big difference is that it uses RJ-45 Ethernet port which is not used by ordinary telephone sets. VoIP phones are wireless and are directly connected to the router for working smoothly with the installed software on the computer.

3.) Computer-to-Computer (or VoIP Software)

This is the simplest form of VoIP devices which requires the installed software on both the computers to communicate well. The other things required are a headset, a sound card and the internet connection. Skype is the well known example of this VoIP.

4.) Through Mobile Phone

This is the latest form of VoIP devices through which you can use VoIP on your mobile phones.

Internet connections are easily available on the mobile sets and you can also install the mobile VoIP software on your mobile.

VoIP Phone system is widely using by many people all over the world to cut the cost of unnecessary telephone bills.

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