

Home Automation System and Its Applications

What is Home Automation?

We all love to live a luxurious life where everything is perfect and the way we want it to be. We know how far technology has reached today and it is coming up with new inventions now and then. Talking about home automation, you must have heard about building automation where the many works of the building like operating lifts, lights, generators, yard watering, pet feeding and many more is done automatically. If you wondering as to how that is possible then it is, with the help of a computer network. In home automation people need not do works like switching on fans, light and other devices manually. It is done by a computer network which is connected to these devices. This helps to remotely access devices with the help of the internet. The sole advantage of getting your home is not luxury alone. It does include other factors like convenient living, saving energy and safety benefits i.e. home security.

In easier terms, home automation is a home that is controlled by computer and IT. Its main aim is to make lives of people simpler and better. Also, the functioning of the devices is very easy and user friendly and works on simple touch. It's so easy to handle that even kids and old people who have no knowledge about the current technology can access it at ease. Home automation makes you live a very easy that sometimes you do start wondering what work you need to do manually. In home automation you can adjust the workings and activities of the home at your own convenience. However before buying one you must make sure it is budget priced and has all the features that you are looking for.

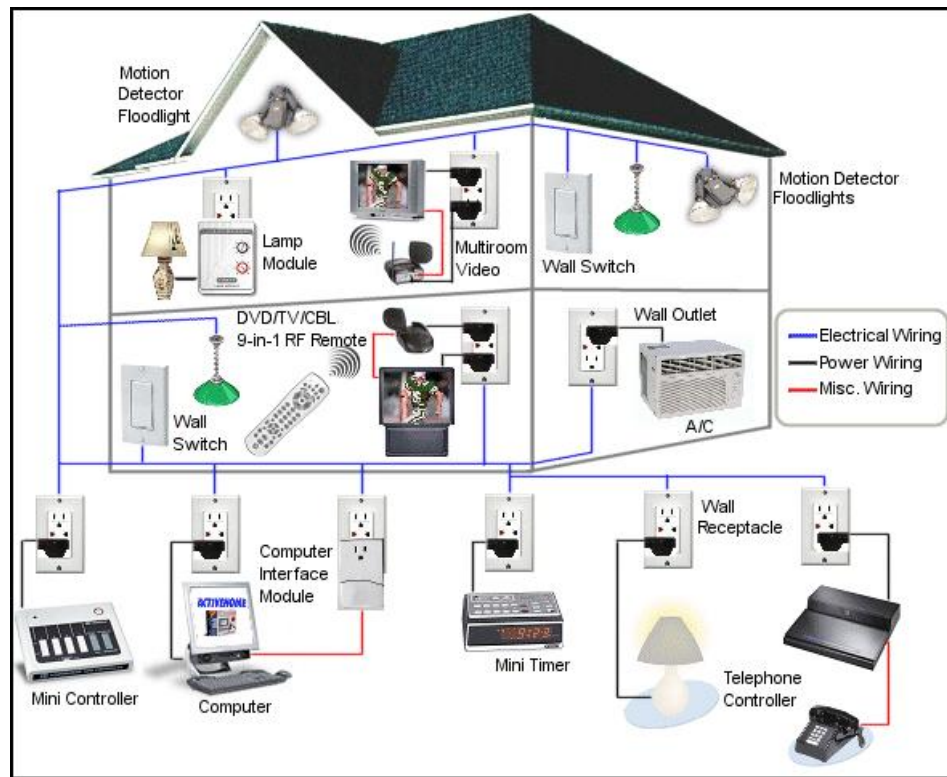
Different people have different preferences, so in that case always go for an automation system that satisfies all your needs. A person who completely has no knowledge about what automation systems should avoid installing. If at all he is in urgent need of it he must study what it is and then go about installing it for house purposes. In home automation you can control all appliances just with a single click.

Best Home Automation:

As mentioned before a home automation system helps you in performing all the house hold chores efficiently without any difficulty. In that case you should also know that the best home automation system will be available at the best price. Home automation is a bit expensive because it makes life easy for you. Goods that make life simple are always costly. But then you should also think in the other way that only its installation will cost you lot of money. Later it's your life that is going to be easy. While buying a home automation system you must see to it that it is configured and installed in the right way.

If you want the best then you must definitely choose high end automated system that has the LCD technology that offers touch screen. It is simple for the programmers as well as the user to use. Apart from touch screens the other interfaces are keypad stations, intercoms and in built temperature sensors. The high end automation systems are the best because they help you set activities according to your own convenience. The high end system is very expensive in front of other low cost home automation systems. If you choose to buy cheap systems then you would get only security, light and temperature control package. Other activities you need to add on your own. For adding that again you need to spend more money on it. So it is always better to go for an expensive one rather than choosing a cheap one and waste your money. Some high end automation system come with sophisticated lighting control subsystems.

Tough high end systems are easy to use you must always do proper research and then go about installing a home automation system. People who have least knowledge about must avoid installing it in their homes.



Home Automation System:

Home automation is becoming popular all over the world with each passing day. These systems are very convenient for people who have hectic schedules and do not get much time to carry the house hold activities. These systems are very compact and very much compatible for all kinds of people. Thought the middle class might find it expensive, the high class can easily afford buying and installing one at their home.

The home automation system helps you control the devices at your home automatically. In order to change the settings of it you simple need to have a computer, android device with internet or remote control. In this way everything will work according to you wish. We have heard about smart phones and smart devices, by installing a home automation system you can very easily make your ordinary home a smart home.

Technology has indeed proved that it can do any activity and the best example is just in front of you in the form of a home automation system. It can do all activities right from watering your plants to alarming on the entry of burglars. Every person wants his or her house to be protected from all ways. In that case you can always wire your house by installing a home automation system. The word home automation is termed that way because it is used for house hold appliances. This includes house hold appliances and additionally the building automation. House hold appliances primarily focus on room based mostly appliances. Most of the working women primarily depend upon this instrumentality, as this makes the room activity very straightforward and additionally saves time.

As your ultimate goal is to do all house activities easily you must certainly install a good automation system after learning about its benefits well.



Good Home Automation Products and Applications:

After learning in brief about what a home automation system is and how helpful it is, let's have a look at some of the home automation products.

Put off the Bathroom Fan Automatically

We all have a tendency to leave the bathroom fans on. Also many a times we forget to put it off which consist us a lot of electricity wastage. Now if you have a home automation system you can probably set a timer inside the bathroom that will automatically stop the fan at the set time. This way the fan will go off even if you forget to put it off manually. If you are worried that the fan will go off when a person is inside the bathroom then you can fix a motion detector too so that the fan does not go off when there is motion inside the room.

Turn Your Webcam into a Security Camera

Instead of installing a surveillance camera you can always use the webcam for keeping track on your children as it can successfully perform the activity of taking note of all activities. Also it is cheap and very minute and the activities can be checked with the help of the internet.

Install a Wireless Intercom

You are busy eating your food and suddenly you see the vegetables are over. You call out to your spouse to give you some who is busy in some work. You have to scream at the top of your voice which is very embarrassing. Instead of shouting you could simply attach a wireless intercom and call out to her and ask her for the vegetable. In this way you can save your energy and time too.

Capture Party Moments without using your Digital Camera or DSLR

The best way to capture party moments without your DSL would be with the help of a webcam. Set the time and let it go on capturing videos and images. There are software's available for windows. The software helps in saving the captured pictures as JPEG files. In that case you no more need to worry to take your camera along if you have a webcam with you.

Use Automatic Sprinklers to Water your Garden

You can make your own DIY automatic sprinkler that will reduce your effort of dragging the sprinklers out in the garden. Again you can set a time so that the sprinkler automatically sprinkles water in the yard at the set time.

Now that you know what a home automation system can do and how it can be make your life easy, make sure you install one soon at your home as I am sure you are thrilled about the system after reading its works.

Source: <http://www.electronicshub.org/home-automation-system/>