

Smart house 13729

[Technology](#), [Internet](#)



Smart House

Some people think that it is difficult to find a relationship between home and computer. Usually people think that computer just using in a company and

office. It is a misleading concept as we have a SMART HOUSE. The complete SMART

HOUSE System has been available since early 1993. In a SMART HOUSE, people

build a relationship between computer and home. The SMART HOUSE is a home

management system that allows home owners to easily manage their daily lives by

providing for a lifestyle that brings together security, energy management, entertainment, communications, and lighting features. So, the SMART HOUSE system

is designed to be installed in a new house. Moreover, the system can be installed in a home undergoing reconstruction where walls have been completely

exposed. The SMART HOUSE Consortium is investigating a number of different

option to more easily install the SMART HOUSE system in an existing home.

Moreover, the SMART HOUSE system has been packaged to satisfy any home buyer's

needs and budget. The system appeals to a broad segment of new home buyers

because of the diverse features and benefits it offers. These segments includes

professionals, baby boomers in the move up markets, empty nesters, young middle-

class, two - income families, the aging, and all who are energy conscious and technologically astute. Therefore, the SMART HOUSE system is suitable to install in new homes.

Firstly, more saving can be gained when the SMART HOUSE System offers several energy management options that have the potential to reduce a home

owner's utility bill by 30% or more per year depending on the options installed.

For examples, a smart house can turn lights on and off automatically, it can help save on your electric bill. Moreover, the heating and air conditioning can

be more efficiently controlled by a computer, saving tremendously on the cost of

maintaining a consistent temperature within a large house. The exact level of

savings will vary by house due to local utility rate structures, size of home, insulation, lifestyle, etc.

Secondly, it is an easily operating system. Home owners can control their SMART HOUSE System using a menu driven control panel, touch-tone phone,

personal computer, remote control or programmable wall switch. All SMART HOUSE

controls are designed to be simple and easy to use. Because smart houses are

independence, they can help people with disabilities maintain an active life.

A

smart house system can make such tasks easier by automating them. Lights and

appliances can be turned on automatically without the user having to do it manually. For people with short term memory problem, a smart house can remind

them to turn off the stove or even turn the stove off by itself.

The SMART HOUSE System is initially programmed by a trained technician who configures the system using electronic tools designed to guide the technical

through the necessary steps of System programming. These tools use a menu driven

format to prompt the technician for the appropriate inputs to customize the System to meet a specific buyer's needs.

Then, the home owner can create some house modes that are preprogrammed

settings that allow home owners to activate a sequence of events with a single

action. House modes can be named to represent general activity patterns common

to most homes -- Awake, Asleep, Unoccupied, Vacation, etc. All can be programmed

and changed to meet a home owner's needs. An example of a house mode is an AWAKE

mode which can be programmed in the morning to do such things as: turn up the

heat, turn up the water heater, change the security system settings, turn on the

lights start the coffee and turn on the TV, etc.

Thirdly, in a power outage, home owners will not be able to use their system, which is the case with all electrical products, simply because electrical power is required in order for the SMART HOUSE system to operate.

However, the system controller will re-boot itself when the power comes back on

and the system's programming will be maintained. When the system fails, the home

owners will be able to manually operate their home's products and appliances.

The SMART HOUSE System is specifically designed so that if the system fails, the

house still provides, at a minimum, all of the functionality provided by a conventionally wired home. For example, outlets will revert to what is called "

Local control " so that they still provide power to anything plugged into them.

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In conclusion, SMART HOUSE System will be the new trend of the home construction in the following decades. It will make closer the relationship between computer and people. It seems to be supported by some people who believe in environment protection because it can reduce the waste in utility and save more money for people. It also saves times for people by the centralized system that can be controlled easily.

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