

GLOBAL TRENDS

INTELLIGENT HOME NO- 1835 73rd AVE NE, MEDINA, WA 98039 USA

Billionaire Bill Gates home is a very modern 21st century house in the "Pacific lodge" style, with advanced electronic systems everywhere. It took seven years to build the 40,000-square-foot Bill Gates mansion on a wooded five-acre compound in the moneyed Seattle suburb of Medina. Much of the Bill Gates house is built underground into the hill, so the house looks smaller than it actually is. It has a large private library with a domed reading room. While it does have a classic flavour, the home has many unique qualities.

Lights would automatically switch-on when someone enters the house. These lights would brighten or dim to fit the occasion or to match the outdoor light. Speakers are hidden beneath the wallpaper and allow music to follow you from room to room. Portable touch pads would control everything from the TV sets to the temperature.

Visitors of the Bill Gates House are surveyed and given a microchip upon entrance. This small chip sends signals throughout the house. Consequently, the given room's temperature and other conditions will change according to the user's preferences. According to King County public records, as of 2002, the total assessed value of the property (land and house) is \$113 million, and the annual property tax is just over \$1 million.



PROTECTION NOW WITHIN REACH FOR SMALL AND MEDIUM SIZED BUILDINGS

ALERTON Small to medium sized buildings need no longer fear for Alerton's Economical Building Security Solution is here. The worldwide leader in BACnet-based building automation solutions, Alerton's, BACTalk Building Security System is an Economical Solution for Small and Medium Sized Buildings.

BACTalk Building Security system is an integrated, Web-based system for access control, intrusion detection and alarm monitoring. The system enables users to manage and monitor their facility using a Web browser at any time, from anywhere. BACTalk Building Security integrates with any building automation system (BAS), enabling users to control lighting, HVAC equipment and other BACnet-based building systems in response to access events and alarm conditions.

GE CONSUMER & INDUSTRIAL RECEIVES EPA/DOE 2007 ENERGY STAR SUSTAINED EXCELLENCE AWARD



The U.S. Department of Energy and the U.S. Environmental Protection Agency have awarded GE Consumer & Industrial the ENERGY STAR® Partner of the Year "Sustained Excellence" award for the second year in a row in recognition of GE's outstanding commitment to creating high performance household appliance and lighting products that help reduce energy spending and protect the environment.

GE was officially recognized last March 21, 2007 at a ceremony in Washington D.C. This is also the fourth year GE has been recognized as an ENERGY STAR Partner of the Year. "Partners like GE are outstanding leaders in protecting our environment through energy efficiency," said Bill Wehrum, acting assistant administrator for EPA's Office of Air and Radiation. GE has taken energy efficiency to new heights year after year and we all benefit."

BOSCH POSITIONED TO MEET THE WORLD'S ENERGY DEMANDS WITH SOLAR POWER



With the ever increasing demands for energy and the threats of depletion of sources that coincide with such, Bosch Group, has positioned itself to be ready for the expected. The group is significantly expanding its production of solar thermal systems. "The sun provides us with an endless supply of energy, and Bosch already has the technology to use this efficiently," said Wolfgang Chur, member of the Bosch board of management whose responsibilities include the Thermotechnology division. After wind power, solar thermal systems make the greatest contribution to meeting worldwide energy needs than other systems that use renewable energy.

No CO₂ emissions are produced during operation. Bosch is meeting this rise in demand by expanding production. Environmentally friendly solar thermal systems in combination with state-of-the-art condensing technology are also easy on the wallet.