The Gates’ residence was conceived as an experimental “smart” home with unobtrusive, non-apparent technologies. The main concept was to create a home that meets and anticipates the needs of its occupants, in regards to temperature, light, comfort, convenience, pleasure and security. The home is centered around an interactive electronic services system that is primarily activated by a small pin. The pin emits information to sensors that are located throughout the home, and allows the home to know who and where you are. As the user moves throughout the house, information pre-programmed into the pin activates various controls in the room that you are occupying. Every room also has a control console in it that allows users to manually enter or change information. The house then remembers what the user has asked it to do (i.e. make a light brighter) and will anticipate their desires next time. The house was also designed with energy efficiencies in mind. It uses the electronic services system to record overall house performance and operations. As deficiencies are identified, adjustments are made either automatically or by the user.

- there are no visible electrical outlets anywhere
- the reception hall can re-configure itself into different modes for different functions
- an extensive security system includes an array of hidden cameras & a sensor imbedded floor that is capable of tracking an occupant to within 6”
- the tree adjacent to driveway has a device that senses when it is dry & automatically waters it
- the master tub can be filled to the correct temperature & depth remotely

**MISCELLANEOUS FACTS**

- **Year of Completion:** January, 1999
- **Size:** 60,000+ sf
- **Type of Project:** residential
- **Interior Designer:** Thierry W. Despont
- **Contractor:** Sellen Construction
- **Construction Cost:** $54,000,000
- **Miles of Communications Cables:** 52