# Smart home system: What does the future hold?

A smart home system was once a dream. A decade ago, we imagined that if there were [smart home devices](https://www.interfree.com.au/) that will automate our daily life tasks. Currently, smart devices have a market share of $40 billion and will continue to expand in the future. The companies that develop smart products are working to make improvements in technology and better serve customer requirements. We can expect that in the future, smart gadgets will cover a wider range of home applications.

## How have smart home systems become more advanced over the years?

* **Integration:** Smart home systems is a connected network of various devices. The integration feature allows multiple devices with differences in architecture to communicate seamlessly. The homeowner can use any device he wants without any hassle. This helps the homeowner to control all aspects of their home from anywhere.
* **Network protocols:** A smart home system requires an internet connection to transmit and receive data. When the user wants to use a function of an IoT smart home device, he uses an app or voice command. A Wi-Fi network connects the app, devices, and virtual assistants into a single network. But if the connection fails, the system does not work. Z-wave and ZigBee network protocols form a network that even works in case of network failure.
* **Artificial Intelligence:** In this era of rapid advancement, we can find artificial intelligence in almost every smart home device. For example, PIR motion sensors in security devices, infrared sensors in cameras, speech recognition, and much more. When we pass a voice command, the virtual assistant matches it with stored data and completes the required task. Similarly, automatic adjustments of lights according to the environment, or voice searching anything on the internet.
* **Cloud storage:** IoT smart home devices now use cloud computing methods to store data. This method is more secure than storing images and video recordings by cameras. The user connects the cloud storage to his account and only authorized users can view the information. If someone tries to tamper with data, the system sends an alert message to the owner.

## What are some features of smart home systems?

* **Home Lighting:** Upgrade your home lighting system with an impressive [smart home switches](https://www.interfree.com.au/product-category/smart-switches). Make adjustments in the brightness level, use the scene control function, or get energy statistics of your home lights. Create dynamic schedules and streamline your daily life tasks.
* **Appliance control:** Smart home system can control all of our home appliances efficiently. When the devices connect to a smart network, it allows the homeowner remote access. The homeowner can control or monitor devices from any part of the home or when he is away. The user can also control the home appliances with help of virtual assistants. The voice command feature frees you from using the app or manually using the device.
* **Time-scheduled functions:** Schedule your devices according to your schedule. The smart home system can work expeditiously with custom programmed functions. Pair up multiple home devices, set specific time patterns, and create an intelligent smart home system. For example, when your home lights turn off, you want the door lock to apply, and all switches to turn off. All the devices will perform the desired task at the required time.
* **IFTTT function:** Program your devices for IFTTT function. For example, when you open a door the room lights and fan should turn on. You can create a custom function in the app. Or you can improve your security system using this function. Like when your [smart security cameras](https://www.interfree.com.au/product/home-security-cameras) detect a motion, it should trigger a security alarm to prevent crimes. Use this function the way you like.
* **Scene creation:** A smart home system can help you create a custom scene. The user can create custom scenes for every room. A scene consists of multiple IoT smart home devices with personalized settings. A scene helps the user focus on his tasks, such as working out, reading a book, or completing office work.
* **App alarming:** A smart home system provides the homeowner with real-time alerts for every smart device. This way user stays connected to his home and can take protective measures in case of emergency. The alerts can help the homeowner safeguard his home against criminals, vandalism, delivery thieves, and much more.
* **Statistics report:** Save extra costs by turning off all unnecessary home appliances. The smart home system provides the homeowner with a statistics report. This report contains basic information about the smart home devices you use. For example, which devices are on, the duration of their use, and the energy they consume. The homeowner can take advantage of this report and turn off the devices he does not want to use.
* **Geofencing feature:** The geofencing feature use a location detection feature and works automatically. The device marks a radius around the house and determines the location of the homeowner. If the homeowner is outside of the radius, it turns off all home devices. Similarly, it turns on all devices when the homeowner is back home. It frees the user from the hassle of checking on every device or lock before leaving home.

## What is the biggest roadblock for the adoption of smart home systems?

According to reports, many consumers think that a [smart home system](https://interfree.com.au/smart-home-products) is not a wise choice. The reason is that people are not aware of the benefits a smart home system can offer. As humans, we prefer comfort and convenience in all things we do. An IoT-based smart home system helps us have an automated home experience. With a fast-growing market of home automation, companies are demonstrating the use of smart home devices well. As the smart home system is a new change, homeowners hesitate before converting their homes. One of the major concerns is the security and privacy of personal data. Although, IoT smart home devices are now more secure and smarter than ever.

Interfree is one of the best companies that develop home automation products. Our IoT smart home devices have the latest technology and give you a luxury home experience. Contact us if you want to buy the best smart home products.