

## **WHAT IS A “SMART HOME”**

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Today the world is changing so rapidly that we can hardly keep up with the news. Every day, high technologies enter our lives more densely: houses are printed on 3D printers, people move on hoverboards, manufacturers announce transparent phones or jetpacks. Of course, developers pay great attention to home comfort, because home is the place where we spend the best part of our lives.

The idea of a smart home is not new. In fact, the concept has been around since the 1980s. However, it is only in recent years that the technology has become sophisticated enough to make it a reality.

The concept of "smart home" speaks for itself. This is a complex system that combines various functions and programs. It allows not only pressing a few buttons to control all the processes of the property at a distance, but also completely entrust the management of the house to the system.

A smart home is a home equipped with automation devices and systems that can be remotely monitored and controlled over the internet. Such devices can include smart thermostats, lighting systems, sound systems, smart locks, video cameras, and many other devices.

Smart homes utilize Internet of Things (IoT) technologies to connect devices within the home to a single network and enable them to interact with each other. This allows for the automation of many tasks that previously had to be done manually, such as managing lighting, temperature, media devices, and security.

The “Smart Home” system manages your household according to a pre-set program and allows you to store different scenarios in the device's memory that are most convenient for the owner.

For example, to save resources, you can set the heating or air conditioning not to run around the clock on weekdays, but to run long before you get home. Water the garden at a certain time or turn on the security system when needed.

Today, several electronic home control systems are shared. The first is responsible for the order of the property. It controls the microclimate of the premises, electricity, security and fire alarms, warning and telecommunications. The second controls the processes in the backyard - watering the garden, external lighting, video surveillance, autonomous opening of the gate, and so on.

There are several ways to control a smart home: smartphones and tablets, voice assistants (Amazon Alexa, Apple Siri and etc.), wall-mounted panels, motion sensors and etc.

The demand for automation devices is increasing every year due to the ease of use, a wide range of opportunities and tasks, and simple control offered by the "smart home" system. This system is now being used not only in residential buildings but also in offices, restaurants, hotels, and business centers.

In conclusion, a smart home offers a variety of benefits that can make your life easier, safer, and more comfortable. From saving time and money to enhancing your entertainment experience, a smart home is a worthwhile investment for anyone who wants to live in a more connected and convenient world. With the right technology and careful consideration of the risks, a smart home can be a game-changer for homeowners everywhere.