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Smart Home

Human civilization is constantly striving for excellence and simplification of the work. Automation is an essential process in today's life. It is widely used for industry and manufacturing. But now more and more automation comes to people's lives. A typical example is computerization of premises, although this is only the initial stage to full automation. A typical example of home automation is a "smart home".

Smart Home is a house of modern type organized for human habitation with the use of automation and high-tech devices. The "smart" home should be understood as a system that provides security, comfort and resource for all users. In the simplest case, it should be able to identify specific situations that occur in the home, and appropriately respond to them, control the behavior of others in advance worked out algorithms. In addition, the automation of several subsystems provided synergistic effect for the entire complex.

It is easier to understand if you imagine, for example, that the heating system can never work against air conditioning system. And the heating is carried out not only by the weather, but also because of other factors. The strength of the wind, for the prediction of time of day (night temperature is less comfortable).

We can assume that this is the most advanced concept of human interaction with a living space when all engineering systems and appliances are set and monitored in automatic mode according to the external and internal conditions.

In this case, the need to use multiple remote controls while watching TV, dozens of switches for controlling lights, the individual blocks in the management of ventilation and heating systems, video surveillance and alarm systems, gates, and other things is eliminated.

Without a doubt, the automation of household premises is often not far, but a bright future. Future with more impressive resources of planet Earth and more comfortable living conditions for people.

When looking for ways to save money, you might not think to look into home automation. In the past, the term “smart home” conjured up images of expensive home improvements and high-tech gadgets that were only found in celebrity mansions or grand estates.

However, with the emergence of new wireless technology and more companies providing these products, these systems are now more affordable than ever. Additionally, they do not require any major renovations to your home and will actually start saving you money on your utilities costs. In fact, the savings you'll realize in just a few years can pay for your whole smart home system.