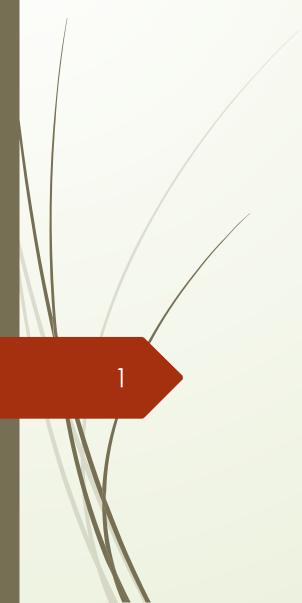# Smart home

completed the presentation

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Content

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A bit of history

- In 1995, Java technology developers predicted one of the main purposes for this technology is to increase the intelligence of household appliances - for example, the refrigerator itself will order products from the store. This idea has not received industrial distribution, but companies such as Miele and Siemens are already releasing household appliances with the possibility of being included in a "smart home".

- In the fall of 2012, Panasonic announced the full-scale production of SMARTHEMS energy management systems for smart homes. Panasonic promises to introduce compatibility with the HEMS system in its entire line of household appliances, such as: air conditioners, smart kitchen appliances and EcoCute hot water systems. The new AiSEG system allows you to connect all equipment and home devices into a single network by organizing the display of information on the operation of solar panels, the consumption of electricity, gas and water and automatically controlling the operation of household appliances using the ECHONET Lite protocol.

«Smart home»

- The «Smart Home» system is a high-tech system that allows you to combine all communications into one and put it under the control of artificial intelligence, programmable and customizable to all the needs and wishes of the owner.

What is a «Smart Home»?

The term "Smart Home" is usually understood as the integration of systems, equipment and components into a single intelligent home control system.

This system includes:

heating, ventilation and air conditioning system;

lighting system;

building power supply system;

security and monitoring system.

What is the "Smart Home" for?

 Any of us at least for a moment thought: "How good it would be ...". Smart home is a complex of electronic systems that make life in the house more comfortable. SH shows the status of all engineering systems at home and allows you to conveniently manage them. It is a natural and understandable desire to increase comfort, safety and economy in everyday life that led to the emergence of such a system.

You can control SH from any platform: from a smartphone to various PC

What can a «Smart Home» do?
For example, with the help of Smart Home, you can:
Open entrance gates, roller shutters, shutters.

Control the light in the house and on the territory

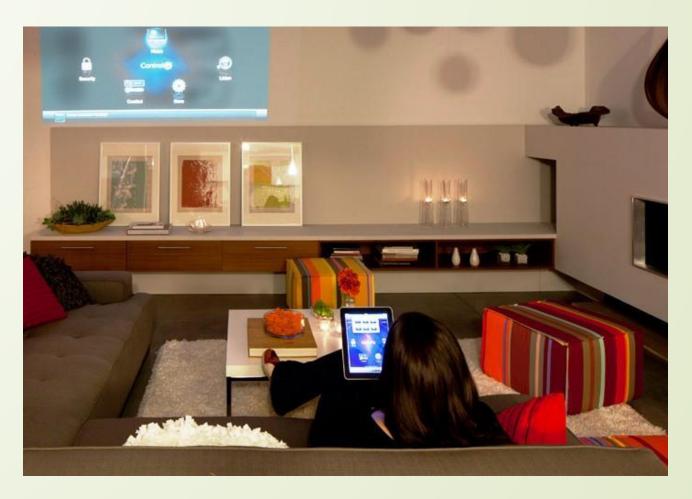*Light can be ignited, reacting to the approach of people, and turn off when they are removed.*

Manage heating boilers and underfloor heating, maintain optimal temperature in the house.

Monitor home and territory through CCTV cameras, as well as replace all remote controls for TVs and multimedia devices

The picture can be transmitted in real time to the screen of a phone, tablet or laptop.
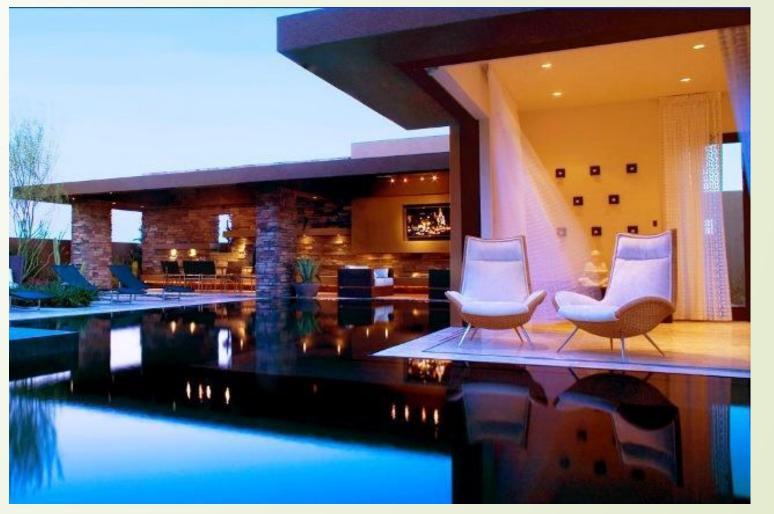
Does it make sense to purchase this system?

The system will pay for itself completely at the very moment when it prevents emergencies, fire, flooding, gas leakage, penetration of strangers onto the object, etc.

Also, with the help of "Smart Home", you can remotely monitor your home, for example, while on vacation, with the ability to control devices, lights, climate from any mobile device or PC.

To summarize, we can say that, using an intelligent control system, you constantly keep your finger on the pulse of all the systems in your home.

Thanks for attention!