HOME AUTOMATION.

Households and professionals.

Houses, apartments or <mark>office premises</mark>.

Home automation gives you access to control devices in your home from a mobile device anywhere in the world. (IOT) implement mobile apps and internet-based tech.

The term may be used for isolated programmable devices, like thermostats and sprinkler systems, but home automation more accurately describes homes in which nearly everything i.e lights, appliances, <mark>electrical outlets</mark>, heating and cooling systems — are hooked up to a remotely controllable network.

 From a home security perspective, this also includes your alarm system, and all of the doors, windows, locks, smoke detectors, surveillance cameras and any other sensors that are linked to it.

WHY?

1 - ENERGY SAVING.

Automation will help to reduce energy consumption by optimizing the use of electricity or gas.

The device (heaters) is implemented with <mark>sensors</mark>, movement and infra-red, to <mark>analyze</mark> its environment and work only when it is needed. You can also program a <mark>schedule</mark> to optimize the use of the device. you can save up to 300%.

wifi and bluetooth connectivity.

2- SECURITY (cloud)

Surveillance cameras can record and store the data on a distant server. It will allow the owner to verify the whereabouts in the premises. Sensors detect intruders and can even make emergency calls.

Cameras that are able to scan faces using AI to increase their capacity and efficiency. (facial recognition)

3 - Personal comfort

Home automation will also help to improve quality of life by doing small actions automatically or even remotely. Mobile applications are created to handle many types of objects (recorders, air conditioning, TVs, cooking devices etc.)

IOT