

A Smart Home is one that uses internet connected devices to enable the remote monitoring and management of appliances and system in a home.

A Smart System enables home users to access house accessories at their comfort and also from any place and at any point in time.

Smart system for homes provides home owners with security, comfort, convenience and energy efficiency by allowing them to control smart devices often by a smart home app on their smartphone or other network device.

Smart homes can accommodate user preferences for convenience, for example users can program their doors to open, the lights to go off/on and their favourite tune to play upon their arrival. Home automation also helps consumers improve efficiency. Instead of leaving the air condition on all day, a smart home system can learn behaviours and make sure the house is cooled down by the time the home owners arrive home from work, the same goes for other appliances and gadgets at home.

SPO Designs NG helps its client achieve a smart home system. We work with client's budget to achieve their smart home goals.

SPO SMART SYSTEM SERVICES AND FEATURES.



SMART DOOR LOCK

A smart door lock is an electro mechanical door lock which is designed to perform locking and unlocking operations on a door when it receives such instructions from an authorised device using a wireless protocol and a cryptographic key to execute the authorisation process.

IMPORTANCE;

- The ability to operate by opening and locking from anywhere in the world.
- Intruders protection.
- Smart door locks increase accessibility.
- They are handled via smartphones.
- They build connectivity.





SMART KITCHEN

This kind of kitchens are designed to save energy and time. Their main purpose is to be sustainable and efficient; they are a combination of careful designs, electronics and environmentally friendly elements.

IMPORTANCE;

- Energy efficient appliances cut costs.
- Cooking made easy.
- Less worry when the home owner is on vacation because it's accessible.
- Wi-Fi enabled devices.



CCTV (CLOSE CIRCUIT TELEVISION)

It is the use of video cameras to transmit a signal to a specific place, on a limited number of monitors.





IMPORTANCE

- To be aware of who is coming to your house.
- To monitor kids.
- To identify disturbances in a home.



SMART BATHROOM

This is the place for setting the days energy into motion. Envision a sanctuary with endless possibilities. Hands free voice activated design for bathing, dressing, enjoyment and the deepest relaxation you can imagine.

IMPORTANCE;

- Saves Energy.
- Automatic Shower Control.
- Efficient Water Heater Control System.
- Reduces Water Waste.



SMART AUDIO SYSTEM

These are multi-room speakers that ensure you can get entertainment in every room. They have options like Sonos, Yamaha, Heos. They are self-contained speakers that can be kept in every room and get connected with the use of Wi-Fi.

IMPORTANCE;

- Control your audio with your phone.
 - Connect to your ceiling speakers.
 - Control your music with your voice.
 - Less equipment in your living room space.
 - Enjoy indoor spaces.
- Connect/sync your living room, bedroom and kitchen audio.
 - Select areas you want your music to play.



SMART AC

This device lets you connect your room air conditioner unit to your home Wi-Fi network for a/c control from anywhere with the tap of the SmartAC go app.



IMPORTANCE;

- Regularise AC turn on and turn off schedule.
- Improved energy efficiency.
- Added convenience.
- Saves energy.



SMART ENERGY MONITOR

This is an electronic device that records information such as consumption of electric energy, voltage levels, current, and power factor. This device communicates the information to the consumer for greater clarity of consumption behaviour and electricity suppliers for system monitoring and customer billing.

IMPORTANCE;

- Visibility.
- Accuracy.
- Time of use tariffs.





SMART LIGHTS

This is kind of lights can be controlled via an apple or android app. From light bulbs and plugs to light switches and wall panels, smart lights are a popular smart home entry. This also enables homeowners to change the brightness of the bulbs and also their colours too. It also includes Smart LEDs.

IMPORTANCE;

- Automated vacation-mode lighting that helps make it look like you're home when you're not.
- The fun novelty of colour-changing bulbs.
- The convenience of turning on and off all the lights with a single voice command.
- Improve energy efficiency.
- Occupied space management cost.
- Helps reduce maintenance cost.



SMART SHADE AND CURTAIN CONTROL

These blinds connect to your home WI-FI and communicate with your devise through the internet, so you can control them with the sound of your voice or via remote control.



They are very convenient, saves energy, and adds security when homeowners are away, helps operates blinds without touching them.



SMART DOOR BELL

A smart doorbell is an internet-connected doorbell that notifies the smartphone or other electronic device of the home owner when a visitor arrives at the door.

It activates when the visitor presses the button of the doorbell, or alternatively, when the doorbell senses a visitor with its built-in motion sensors.

IMPORTANCE;

- It helps homeowners to know when someone is approaching before they get close to the door.
- Clear HD video images let you identify the visitor easily.
- If you aren't home and the motion sensors are triggered, you can record and store video of suspicious activity.



For Further information on our service contact; **09088980888, 09088980886**

Email: info@spodesignsng.com

