

# Web of Things in Home Automation

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# Wonder Life-Box 2020

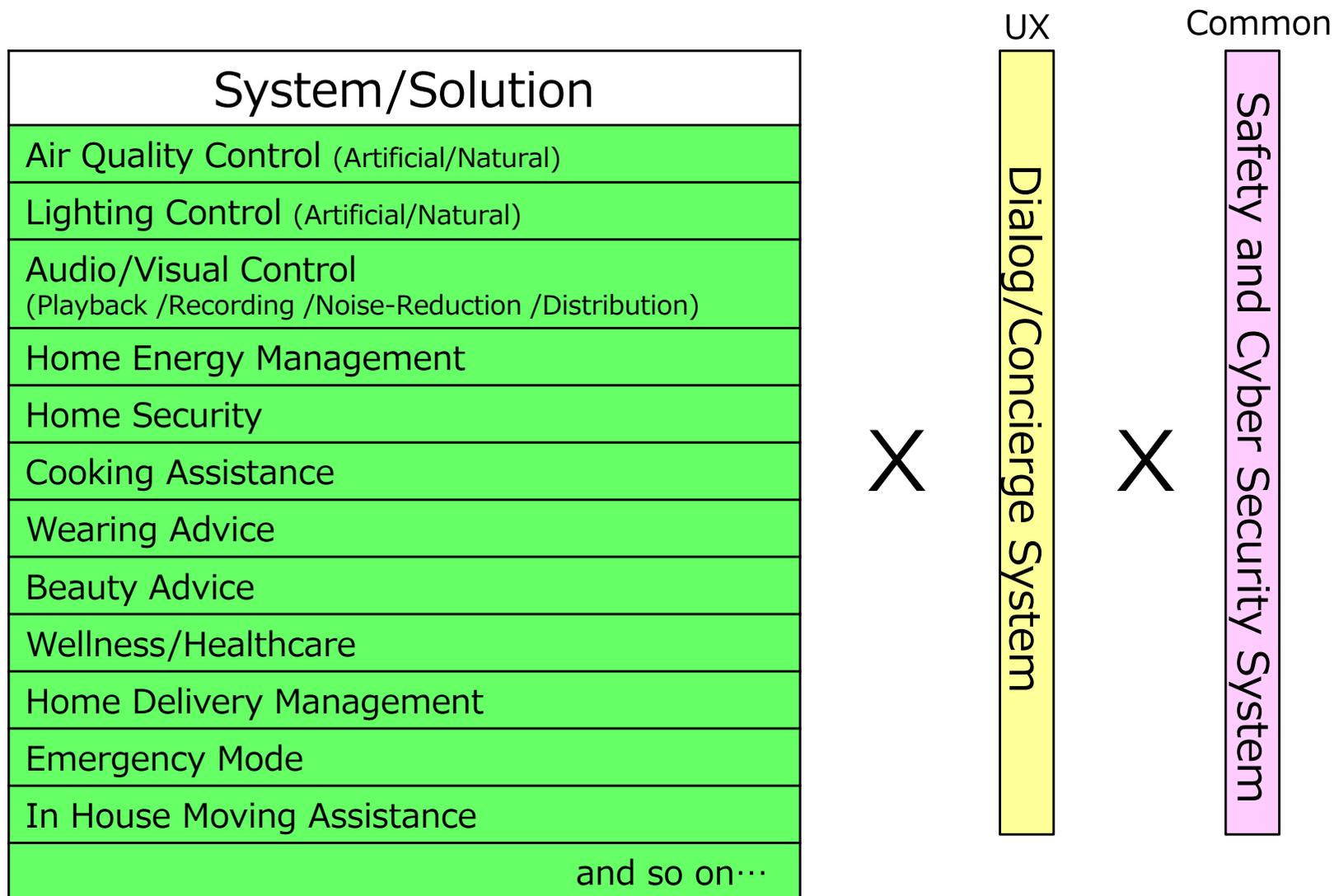


Panasonic has already started the smart home business globally.

Panasonic opened Cloud-based Life Experience Show Room at Tokyo in Jun 7th, 2014. That is named "Wonder Life Box 2020". ■

In this Show Room, thanks to "Internet of Things" technologies, visitors really experience Convenient, Exciting, Relaxed high quality life in 2020.

# Use Cases



Home Automation categories consists of Solution for use cases, UX system and Common Safety and Security Systems.

## Air Quality Control

- Turn on air conditioner from outside before returning back home
- Automatically open the window of living room because of outside air is very calm

## Lighting Control

- Automatically turn on entrance light because the owner comes very near by driving his car
- Automatically turn off bed room light because home concierge detect the owner fall in asleep

## Audio Visual Control

- Automatically play memorial music to encourage the owner
- Automatically record TV program because the owner is outside but the program matches the owner's taste
- Keeping inside room, active noise cancelling function automatically starts
- Distribute child's latest video to grandfather's house, when grandfather wakes up
- Digital photo frame can display community signage information

## Home Energy Management

- Automatically set air conditioner with a little bit higher temperature because it seems to exceed the limit peak electric power.
- Automatically activate photovoltaic in order to save electrical cost

## Home Security

- Warn owner through smartphone that someone enter by breaking window
- The sensor of window detects the window has been broken by some one
- Owner can see the situation on his smartphone with the video stream from in-house cameras

## Cooking Assistance

- Concierge propose recipe according to current food materials
- Automatically control heating temperature and time for serving multiple foods simultaneously
- Upload assistance for new recipe to food SNS site

## Wearing Advice

- Propose wear candidates and show wearing image on mirror
- Changing colors real time
- Show wearing back images

## Beauty Advice

- Propose cosmetics and shape of eye blow etc. on the mirror
- Changing colors and shapes real time on the mirror with owner's mirrored face
- Check wrinkle situation and so on and concierge advice how to keep young skin

## Wellness/Healthcare

- Check body and physical condition on the mirror
- Advice to be healthy
- Connect and share vital information with home doctor

## Home Delivery Management

- Smart home locker is equipped in front of entrance
- Smart home locker recognize what is delivered by the cloud managed delivery information
- Smart locker automatically opens proper size locker and set proper temperature

## Emergency Mode

- When energy supply is broken down by disaster, house and car batteries cooperative start to supply energy to house
- Digital photo frame automatically shows shelter position and evacuation routes
- Water recycle system is activated

## In House Moving Assistance

- For elder owner, in-house moving assistance robot leads him to the room he want to go

## Dialogue/Concierge System

- All of home automation could be done by simple and easy user experience methodology such as speech dialogue with concierge

## Safety and Cyber Security System

- All of home automation shall be covered by safety and cyber security system to prevent making fire, being injured stolen privacy information and so on

# Wonders!

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