Wireless Prop Tech Solution

Property Management

By HKC

Hong Kong Communications Group Structure

HKC International Holdings Limited is a major Information Communication Technology (ICT) Solution Provider in Asian Pacific region. With headquarter in Hong Kong, HKC group also owns oversea branches in Mainland China and Singapore. The Group was successfully listed in The Stock Exchange of Hong Kong Limited in 2001 named as HKC international Holdings Limited (Stock Code: 248).
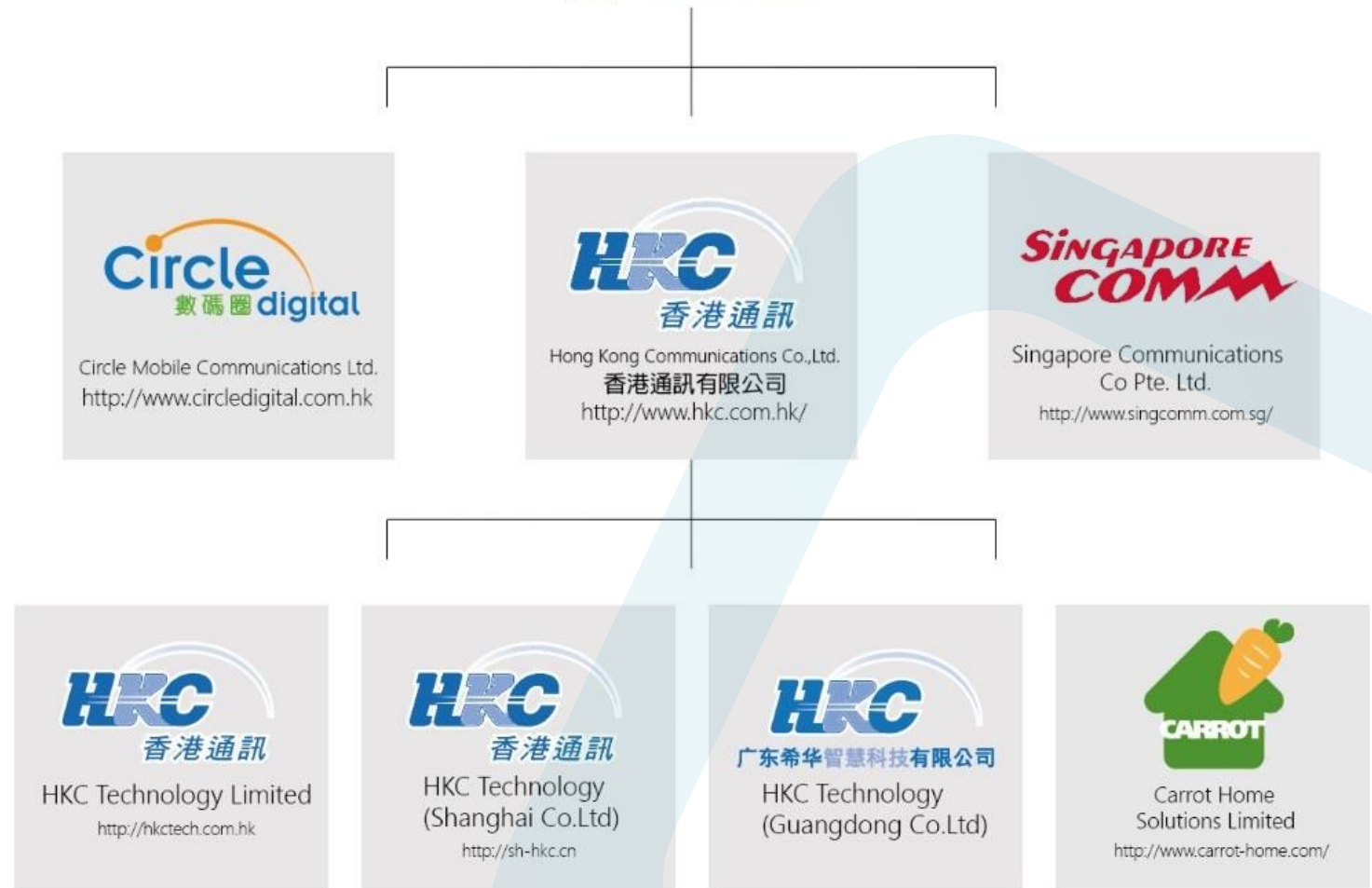
The Group will endeavor to deliver its expertise in providing professional ICT solutions to its customers ranging from Intelligent Building- Home Automation Solution, Prop Tech Solution, UVC Disinfection Solution, RFID Solutions and Business Solutions.

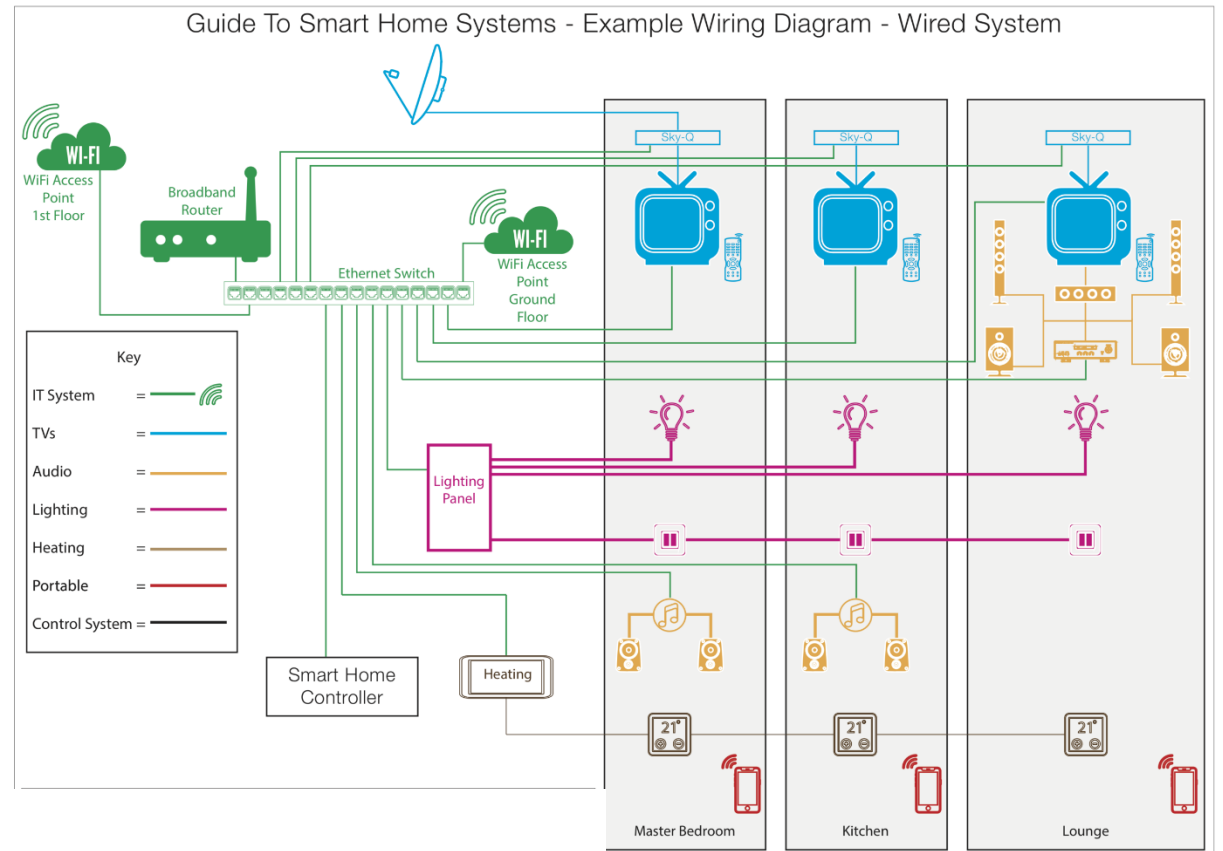## HKC International Holdings Limited

Stock Code: HKSE 0248

Information Communication Technology

(ICT)Solution Provider

Circle digital
Circle Mobile Communications Ltd.
http://www.circledigital.com.hk

HKC 香港通訊
Hong Kong Communications Co.,Ltd.
香港通訊有限公司
http://www.hkc.com.hk/

SINGAPORE COMM
Singapore Communications Co Pte. Ltd.
http://www.singcomm.com.sg/

HKC 香港通訊
HKC Technology Limited
http://hkctech.com.hk

HKC 香港通訊
HKC Technology (Shanghai Co.Ltd)
http://sh-hkc.cn

HKC 广东希华智慧科技有限公司
HKC Technology (Guangdong Co.Ltd)

CARROT
Carrot Home Solutions Limited
http://www.carrot-home.com/

Pain Point for wiring system of smart homes

Home automation is incredible. It can make almost all aspects of your home simpler, more comfortable and more enjoyable. Home automation, though, is much less exceptional when it goes wrong due to things like poorly integrated sub systems, inconvenient wired cabling, inadequate functionality, and installation delays, home automation problems can arise.

Guide To Smart Home Systems - Example Wiring Diagram - Wired System

3

HKC propose Wireless Prop Tech Solution

Wireless Prop Tech solution is an innovative application of internet of things developed to control and monitor home appliances / services remotely **over the cloud**.
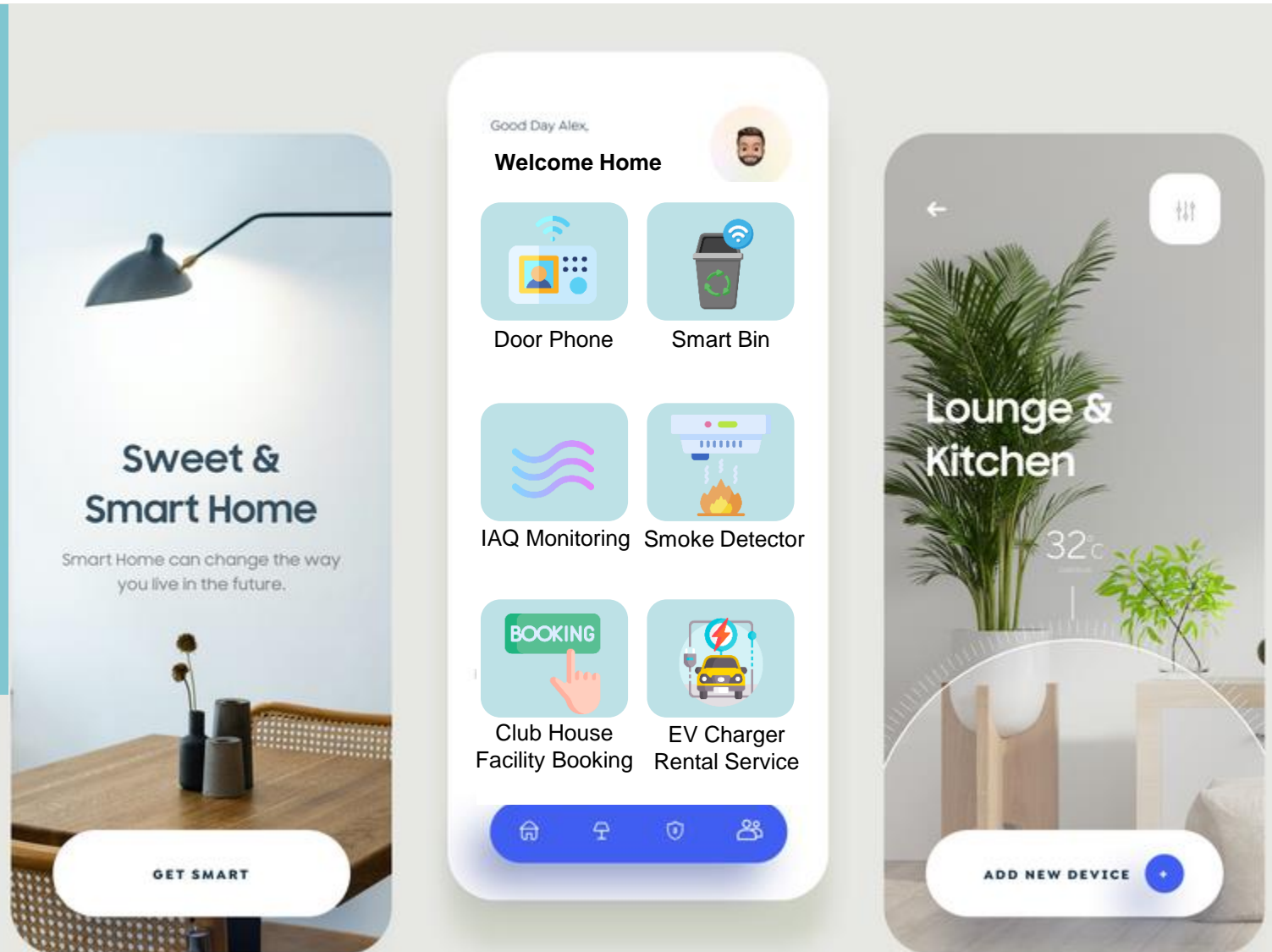
*Existing buildings can also upgrade easily and enjoy the fun of smart home through our solution

Wireless Prop Tech APP (For Resident Users)

Customized design UI with 6 major features

- Cloud Door Phone Access Management
- Smart Bin - Waste Management Information System
- IAQ (Indoor Air Quality) Monitoring System
- Smoke Detection alarm
- Smart Clubhouse Facility Booking with online payment
- Portable EV Charger Rental Service

5

Wireless Door Phone

- Wi-Fi connection monitoring

- Remote Call / Video to mobile APP

- HD Night Vision Effect

Smart Bin

- Smart garbage bin integrated with sensors and communication interface
- Smart Bin **ultrasonic fill – level sensors** indicate refuse fill levels
- With **automatic open actuator** using infrared and motion detection to improve hygiene
- Built in **electronic weight system** to report weights of contents for general refuse and for each of the recycling compartments
- The app can view real-time, daily , monthly or yearly totals for the various types of waste collected from each floor

7

IAQ Monitoring

- Combined TVOC, temperature and humidity sensor (Carrot Multi-sensor)

- App displays dynamic graphics monitoring real time parameters

- Setting alert levels for indoor air quality

- Friendly reminder of air improvement pop up from app

- Optional automatic control of filtration fan to improve air quality

Indoor Environmental Quality
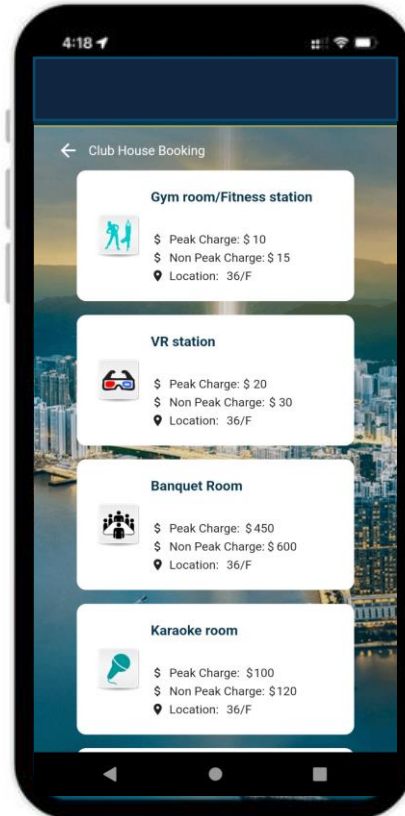
Temperature
20°c

TVOC Air quality
0.5 mg
Medium

Humidity
80%

Tips for improving air quality

Please always open the window to allow air to circulate and keep the room well ventilated

Tips for improving air quality

Avoid the use of volatile organic compounds

Clubhouse facility booking with online payment

- Club house facility booking system fronted for the residents to check and reserve the facilities, and the backend program for the clubhouse operator to release the facilities
- Provide booking service 24 hour a day
- Support Octopus online payment

Select facility

Select Date

Proceed Payment

Select Time Period
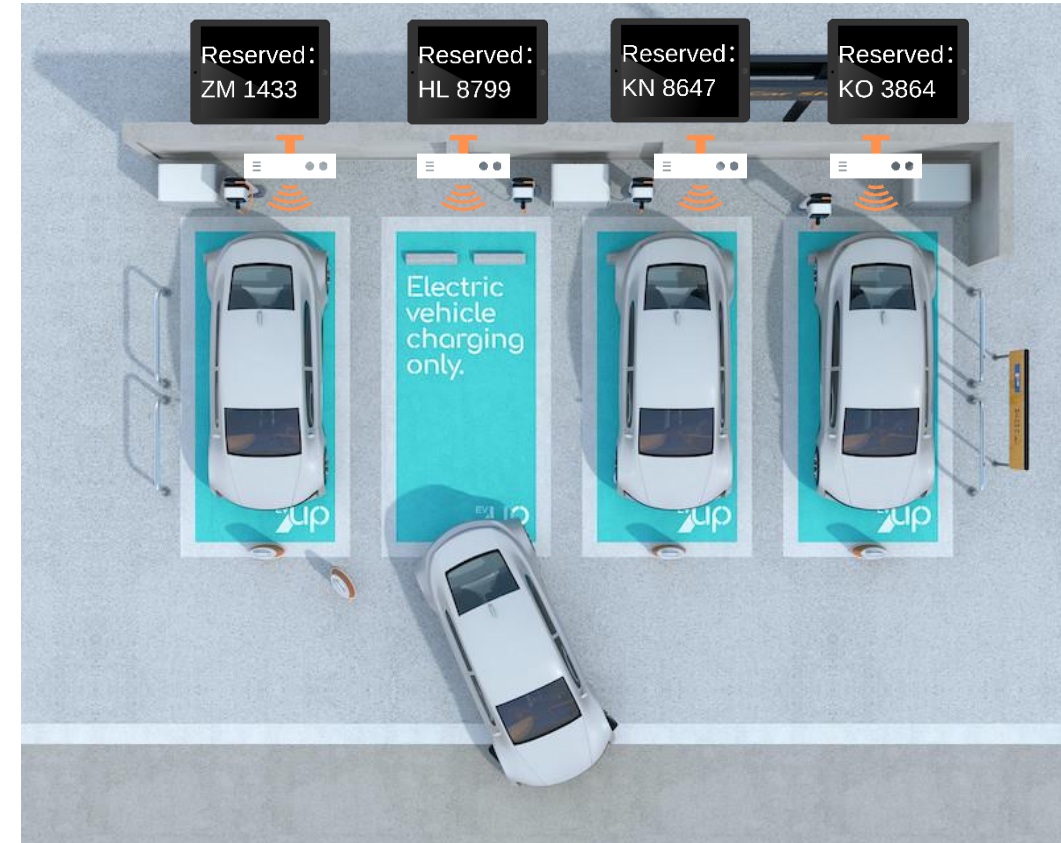
Smart Booking System for EV Charger Parking Spaces

- We provide the most advanced booking system for property management to improve the electronic charging reservation service in housing estates

- First of all, our solution proposes to install motion sensors / infrared sensors at each parking slot for occupancy detection

- Our system can automatically sense whether the reservation customer arrives at the charging slot on time , if the customer does not arrive for more than 15 minutes , our system can **automatically release the reserved space** to other customers on waiting lists. An **alert / cancellation message** will be automatically sent to the no-show customer

- **Booking Signage** on wall shows the real time update of reservation vehicle plate number

- This advanced booking solution allows property management to better manage their rental process of EV charger parking spaces, reducing or preventing residents from being unable to book charging spots due to booking absences.

10

UVC Disinfection Solutions

Omicron has spread widely to the community, we would like to offer our help with UVC disinfection solution for our property partners.
Our Mini Far UVC Disinfection Tunnel disinfects >99% virus and bacteria on high touches surface in just 6 seconds.

Far UVC 222nm Disinfection Tunnel – safe for human eyes and skin.

We recommend residential buildings to have a Mini UVC Tunnel at their main lobby which can take care of any bags passing through. Bags of owners, bags of maids & drivers, courier boxes, food parcels etc. can have a quick sanitization in dry way without harming the bag cloth or stuff inside.

UVC 222nm References :
https://www.eurekalert.org/pub_releases/2020-04/ku-riw040720.php
https://www.ledinside.com/news/2020/4/222nm_uvc_harmless
https://www.tandfonline.com/doi/abs/10.1080/10715762.2019.1603378?journalCode=ifra20

Demo video: https://youtu.be/KV7_877j464

Solution Benefits

Premier service

Provide 24 x 7 customer support

Data Mining

User data can be accumulated day by day

Fast Response

Customers do not like waiting our chatbot can response immediately

Cost saving

Saving huge amount on customer serving

Humanize

Well trained A.I humanized responses

Time saving

Save your time to build a team for customer services

HKC Smart Building Project Reference

- URA e-Residence, 500units

- 63 Pokfulam, 350units

- Double Cove/ Lok Wo Sha, 4000units

- One Homantin, 561units

- Oasis Kai Tak, 651units

- Alto Residences, 608units

- The Summa, 170units

- One Mayfair, 120units

- The Vertex

Thank You

We appreciate your consideration of our entry

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HKC

香港通訊

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