

Industry Solution

# Supermarket & Retail Industry



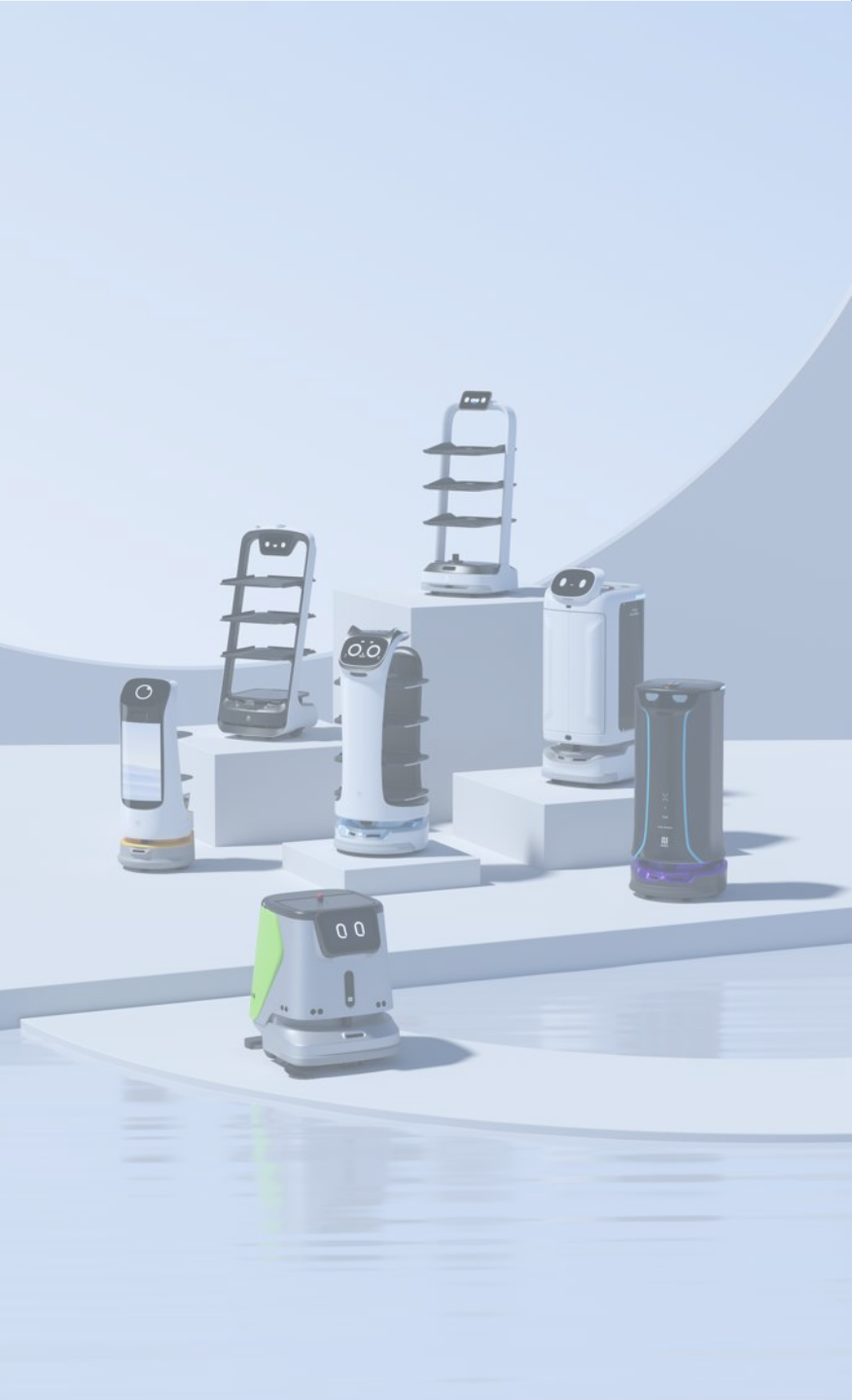
# CONTENT

**01 | Scenario Solutions**

**03 | Product Family Matrix**

**02 | Successful Cases**

**04 | PUDU Introduction**



01

# Scenario Solutions

# Significance of Supermarket & Retail Marketing Upgrades on Smart Robots

## Advantages

### Three core competitiveness of supermarkets:

High-quality products, reasonable prices, [good services experience](#)

## Consumption Behavior

### Characteristics of consumption behavior:

- 70% of supermarket consumers don't have any plan, with [random shoppers in the majority](#).
- The average stay time is 15 minutes at a supermarket and [15 seconds in a section](#).
- [75% of people make decisions in 5 seconds](#).
- If people don't see what they want, 40% of them will buy something else

## Industry pain point

### Business Pain Points:

#### High cost

- High labor, recruitment, and management costs of salespeople
- Miscellaneous costly expenses and complicated communication and settlement with supermarkets
- High costs of annual updates to advertising materials
- High advertising costs of dynamic videos in supermarkets

#### Limited marketing patterns

- Fixed display and limited promotion points
- Outdated marketing patterns that no longer attract consumers' attention
- Undynamic, limited, and inflexible advertising and publicity
- Untargeted static advertising that is unable to deliver the intended value

# Pudu Robots Understanding of Retail Marketing Scenario

Core target of Smart Robot Marketing Solutions:



Deliver what customers want quickly and efficiently



Deliver exactly what you want to show to the customer

What it takes to be a robot for retail marketing?

## 1. Efficient & agile

Quickly lead customers to desired locations

## 2. Wide coverage

Spread marketing content to every corner

## 3. Precisely targeted

Deliver the right content to the right person, at the right place, and at the right time

## 4. Diversified & flexible

More freedom of choice in functionality to fully meet customers' personalized demands

## 5. Smart & easy

Make complex supermarket marketing management easy and fun

# Mobile Promotion Platform Solution

## Bring promotions directly to customers' eyes

The robot can become a mobile promotional platform that travels through the entire store in accordance with the set working mode

Brand ambassador with changeable skins



More freedom of display with an open rack design



Creating festive atmosphere



### Save Manpower

- Intelligent unmanned promotion: vslam and other technologies ensure accurate positioning and obstacle avoidance, no need for manual support
- continuous work for long hours, saving money, effort, and worry

### Strong Promotion with Temperature

- Multiple interaction modes, allowing consumers to experience different consumption pleasures
- actively exposing products in front of consumers, improving purchase probability

### Wide Coverage

- Compared to traditional fixed-point booth promotions, robot mobile promotion platforms can carry products to any location in the store
- expanding the exposure area of products from the booth to the entire store

### Varied Skin

- Embodied as a brand ambassador, making brand influence more direct and lasting

# Wide Coverage Advertising Solution

## Moving screens Maximizes the advertising coverage

The robots will cruise the entire map range and continuously play video advertisements in cycle , delivering the business influence to every corner of the store



32 " touch screen

In-store marketing with a large ad display



Vslam technology  
well adapted to complex  
environments



Back rack  
for delivery paper promotion  
material



18.5" Large Ad Screen

Advertisement easy edition



Doble screen  
Top touch screen for UI

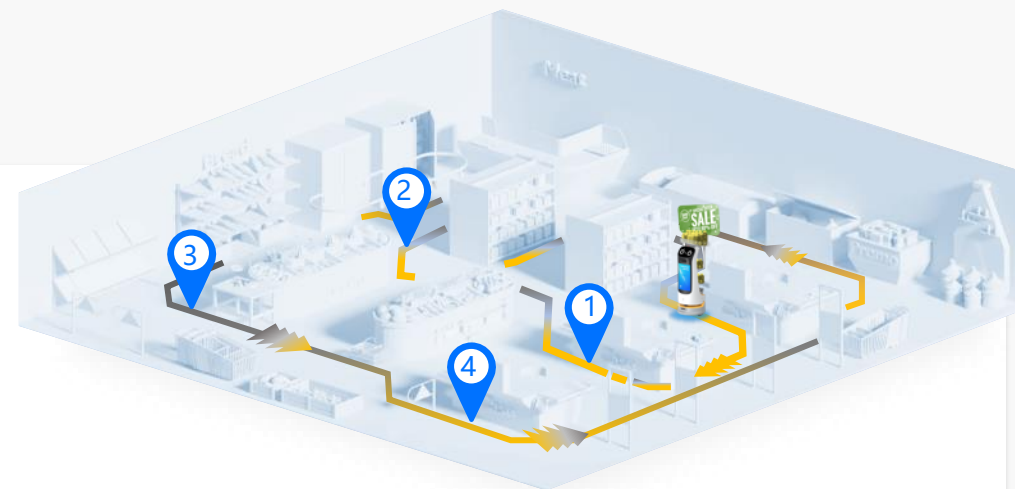
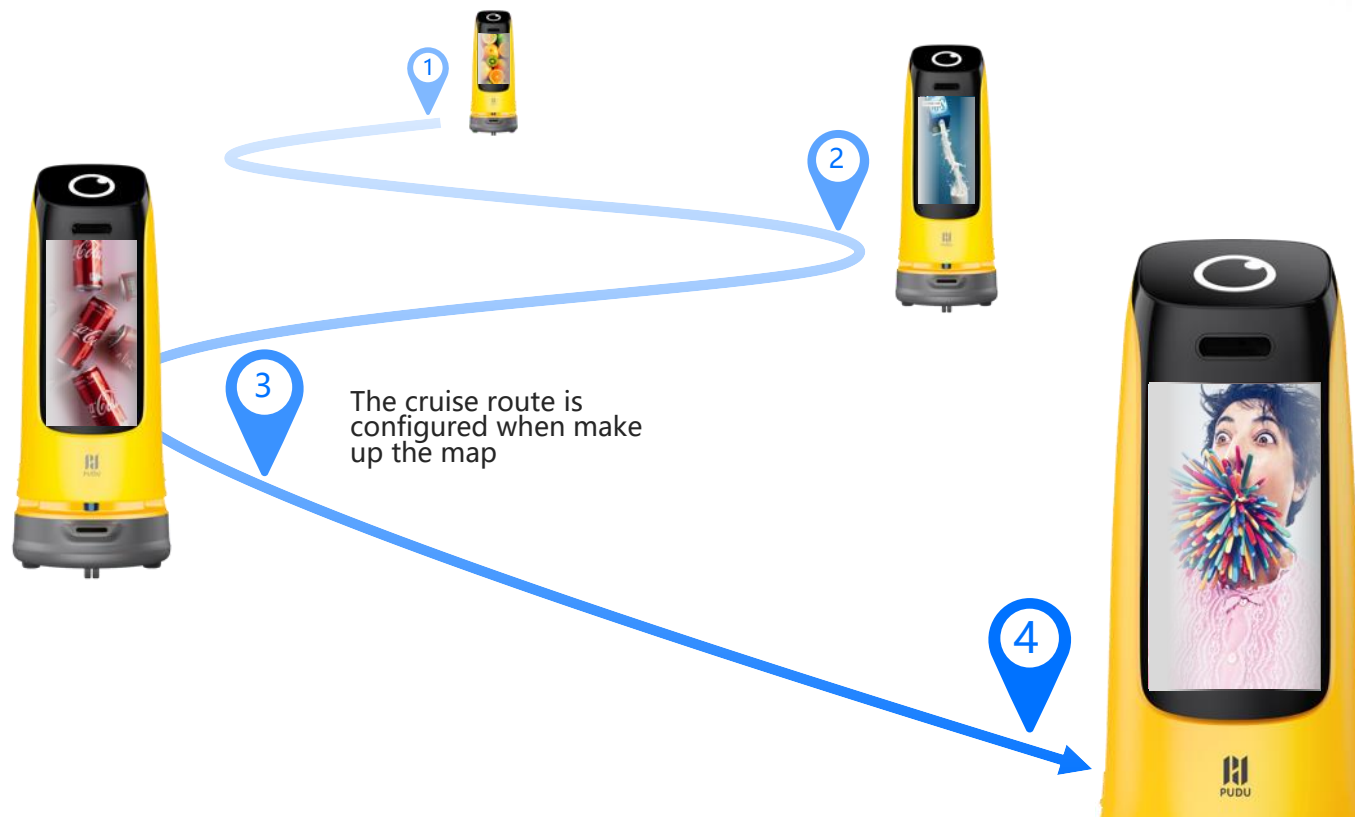


Delivery pallet  
for sample exhibition

# Cruise Precise Advertising Solution

## Deliver exactly what you want to show to the customer

KettyBot can cruise along the preset route in the supermarket and display mobile ads, extending marketing reach to every corner Play designated advertisements at different points to make the brand more influential



Advertisement content can be configured on [Pudu Merchant platform](#)

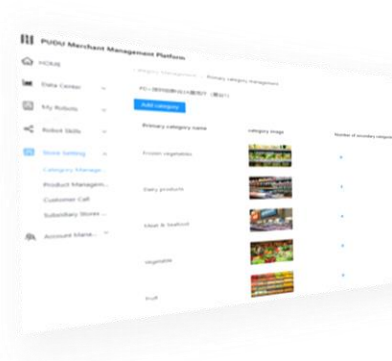
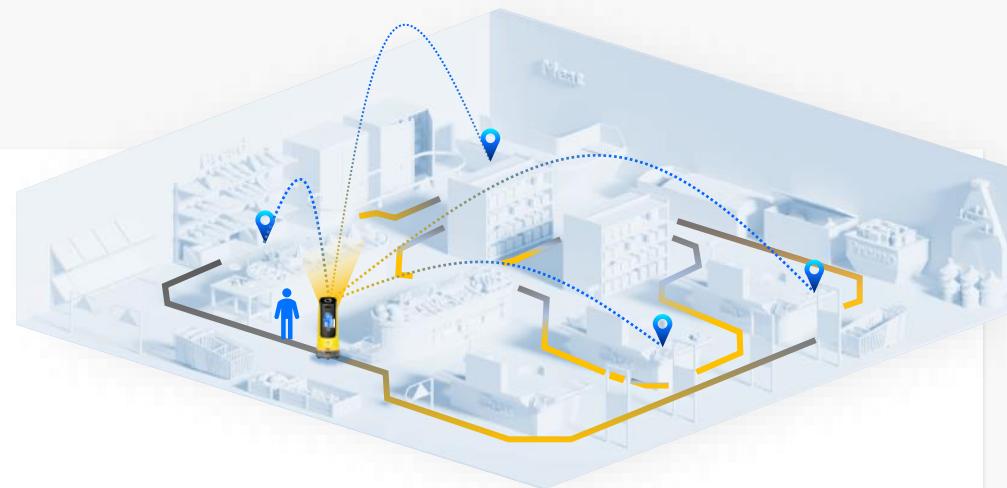
Play designated advertisements at different points to make the brand more influential



# Commodity Navigation Solution

## Deliver what customers want quickly and efficiently

By searching words or clicking pictures, customers can easily get the information ,and may look for the items with the location they need, then KettyBot will guide them to pick up point

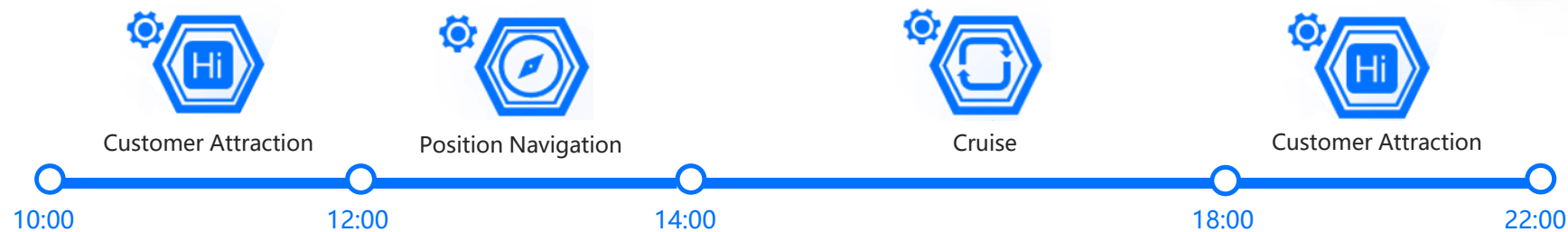


Pudu Merchant platform  
Commodity catalog and list  
management tool to make the  
connection between SKU and location

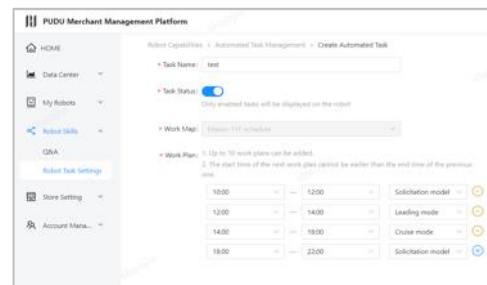
# Time Schedule Solution

## 7\* 24 hour uninterrupted work truly unmanned solution

Schedule robot tasks in advance. The robot will automatically switch operating modes according to marketing demands of different time periods in the operation of supermarkets, which further improves the robot's management efficiency.



With the automatic charging pile, the robot can work continuously for 7 \* 24 hours



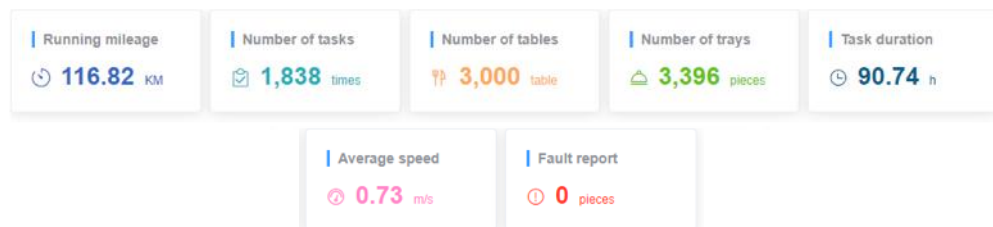
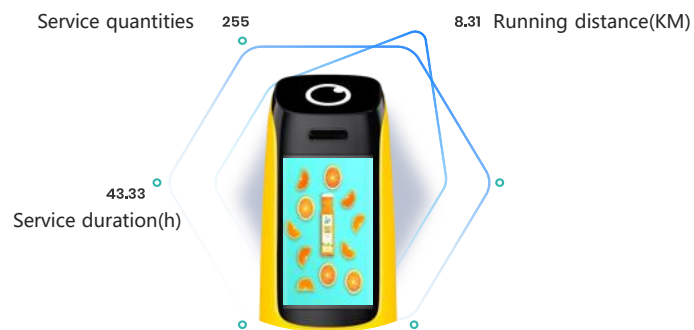
Robot Task Settings on Pudu Merchant platform

# Operation Management Solution

## PUDU Cloud

New PUDU MANAGEMENT PLATFORM business cloud+robotics technology cloud

7x24 hours of uninterrupted uploading of business data, facilitating digital management. After the robot is connected to the IOT platform, it can achieve remote software upgrades, fault diagnosis and other services



## PC: PUDU Merchant Management Platform

- Fully meets marketing requirements and facilitates business operations of supermarkets:
- Quick editing of personalized ads, music, and voice
- Commodity category management specially designed for supermarkets
- Hierarchical authorization management tailored for supermarket chains



## Mobile phone App: Pudulink

- Marketing asset management
- Voice content management
- Anywhere and anytime



# Accessories Solution

## Abundant accessories , multiple choices

Types of accessories enable the robot more flexibility to perform every task in the best way possible.

Product display, drink sampling, and mobile sales Various optional accessories allow to offer a more powerful marketing effect.



Top tray - sample presentation



Tray flap - safer delivery



Sprinkle-proof cup holder  
- stable bottled drinks



Sprinkle-proof cup holder  
- stable bottled drinks

# Configuration recommendation

## Marketing Advertisement configuration recommendation










- Commodity Navigation Solution:  
1 set for KettyBot for each 800-1000m2
- Wide Coverage Advertising Solution:  
1 set for KettyBot or PuduBot2 for each 1500-2000m2
- Cruise Precise Advertising Solution :  
1 set for KettyBot for each 1000-1500m2
- Time Schedule Solution  
1 set for KettyBot for each 1000-1500m2, one set of battery charge station for each KettyBot

## Delivery configuration recommendation



- Promotion Platform Solution:  
1 set robot for each 800-1000m2
- For brand promotion solution :  
1 set robot for one brand

## Operation Data Analysis

	Mobile advertising screen robot	Traditional fixed advertising screen		
 Attractive ability	Make a profound impact through mobile+technology	Mainly graphic and lacking creativity, easy to forget	<b>82</b>	<b>Number of human-robot interactions</b> per robot per day
 Easy Use	easy edition of Ads on merchant management platform	Manual replacement requires manual participation, which is time& labor consuming	<b>2.85</b>	<b>Average daily running distance</b> 2.85km per robot
 Coverage	Supports mobility, with no fixed coverage limits	The general coverage area is within the range of 0-5m		
 Product cost	Only one-time purchase cost	Cost increases linearly with update frequency	<b>1000</b>	recognizes 550 people on a daily basis, and over <b>1000 people are covered</b> by weekend advertisements per robot
 Effective contact cost	1.11CNY/person	1.80CNY/person		
 Promotion commission	0	Typically around 2% of gross profit margin	<b>22375</b>	<b>Exposure area</b> of mobile advertising is over 22375m2 per robot per day
 Comprehensive operating costs	1000CNY /Mon	5000CNY /Mon		

PS :data analysis based on China market

# Customer Value

## A differentiated experience to attract more customers

KettyBot redefines customer experience with an eye-catching way to attract customers and a smart, thoughtful way to serve them

## A novel approach for in-store marketing

KettyBot allows your marketing campaigns and special offers to reach more customers, delivering a higher conversion.

## Manpower shortage is no longer a problem

Multiple delivery mode can well assist stores in completing tasks such as demo delivery , and delivering snacks, which will free up human workers from dull and duplicate tasks.



## Robot-human collaboration to improve service and efficiency

Human workers collaborate with KettyBot in away that they can both do what they are best at. KettyBot is ready to assist and improve humankind working experience.

## One robot for multiple needs

As a multitasker ,KettyBot can perform several tasks --marketing, delivering, guiding at the same time, assisting from front-end to back-end, meeting the propaganda and delivery needs of restaurants, cafes, bars, barbecue shops, hotels, hospital etc.

## Unified management & IoT platform

Users can manage different models of Pudu robots simultaneously and analyze the operation of the robots through Pudu management platform.



# Requirement Analysis of Supermarket & Retail Cleaning intelligent Upgrades





# Pudu Robots Understanding of Retail Cleaning Scenario

## Cleaning Robot for Business Use

To expand the company's product line of commercial service robots in the cleaning industry and serve multiple cleaning scenarios, Pudu Robotics had created the new Pudu CC1, which is capable of scrubbing, sweeping, mopping and vacuuming, automatically recharging, automatically adding or draining water and digital cleaning



### 1. Good cleaning effect

Capable of handling various complex clean environments

### 2. Task Report Clearly visible

Quantitative Robot Cleaning Report

### 3. Multi-tasks conversion

Able to achieve cleaning 4 cleaning modes

### 4. Lower operating costs

Only machine cost

### 5. Tirelessly

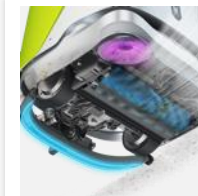
Can clean continuously for 12-24 hours

# Highlight of Pudu Cleaning Robots CC1



## Multi-Machine Intelligent Scheduling

Systematic operation of robots in office buildings and residences



## Versatile Cleaning

Modular Component Design Accessories such as side brush, roller brush, squeegee, and mopping sweeper can be loaded and unloaded within 1 minute)



## Suit Various Floor Types

Suitable for both hard floors and soft carpets



## 5h Continuous Scrubbing

Extra-long run-time for cleaning



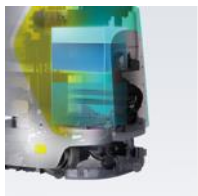
## Digital Cleaning

Cleaning results are clearly visible in the automatically generated reports



## Fit Corners Perfectly

Cleans every corner



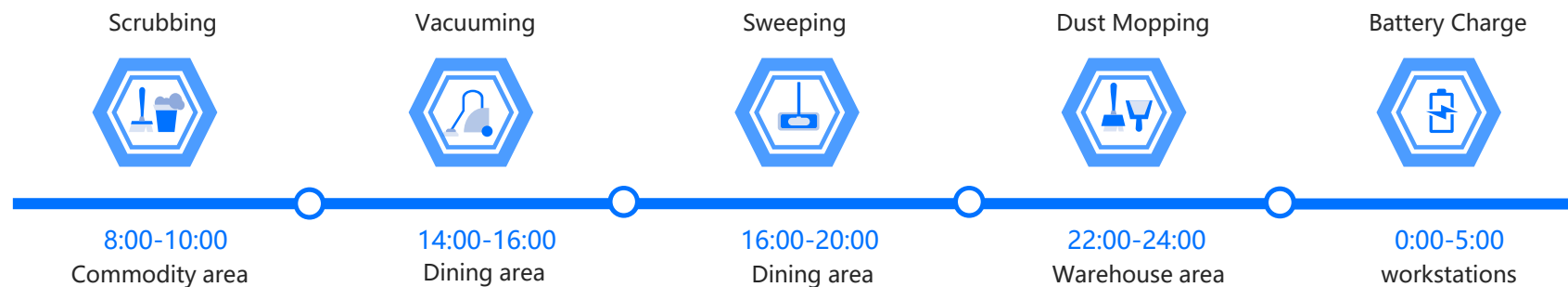
## Auto Recharging & Automatic Water Addition & Drainage

No manual intervention worry-free and labor-saving

# Intelligent Cleaning Solution

## Intelligent & efficiency Robot Cleaning to set your hands free

According to different functional areas, ground materials, and cleaning SOP requirements to make the cleaning plan correlated with map areas, work modes, time schedule. CC1 can completely execute the cleaning task independently as planned



### CC1 workstation

No manual intervention  
worry-free and labor-saving

CC1 will automatically return to the workstation to charge the battery, fill and drain the water when it is necessary

# Customer Value

1 set CC1 daily cleaning area = 8400m<sup>2</sup> = 1.68 manual daily cleaning area

80%

CC1 can be applied to most application scenarios, reducing the cleaning labor intensity by up to 80%, and the remaining 20%, such as excessively narrow aisles and inconsistent floor conditions, require manual assistance

1000

Cleaning efficiency up to 700-1000 m<sup>2</sup>/h  
It is recommended to configure 1 set of CC1 per 2000 m<sup>2</sup>

8

3.5h battery charging to full status  
support :3-4h scrubbing, -5h vacuuming  
maximum 8 hours sweeping



## Simplify your cleaning processes

improve your workflow, pre-set program enables CC1 to start operating automatically and immediately with stable cleaning efficiency and higher quality of cleaning

## Lower training and management costs

simple operation and user-friendly interface, set up and use in hours with minimal training

## Reduce risks of workforce challenges

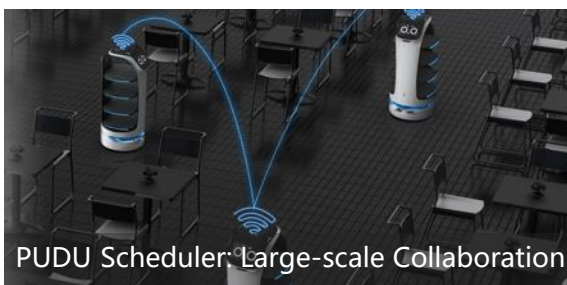
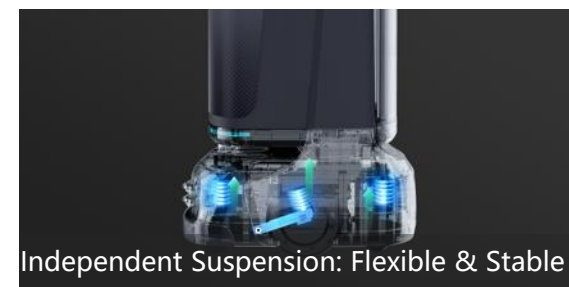
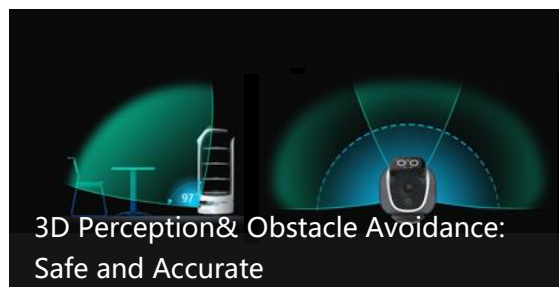
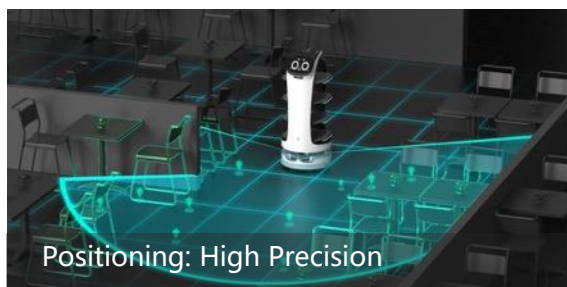
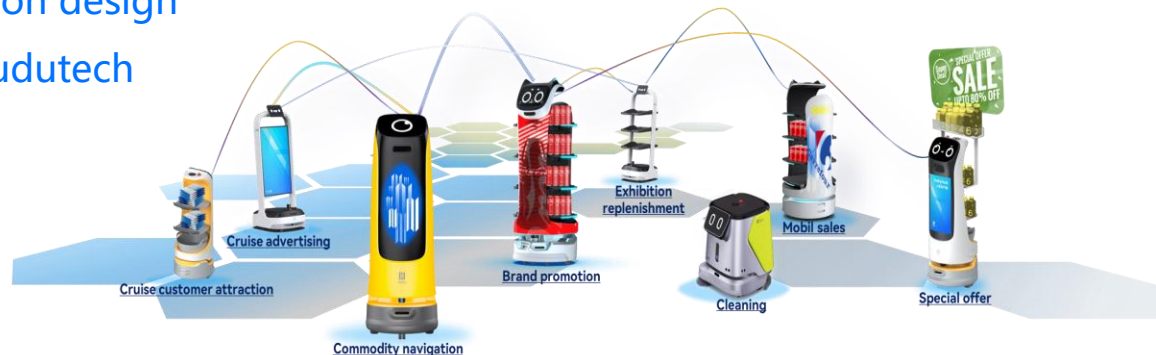
Avoid lack of human resource caused by employee absenteeism and turnover. Employees can focus on more complex responsibilities, ensuring more productivity.

## Easy improvement for management

Digitization and visualization of cleaning effects with measurable records and reports, custodial inspections can be easily dealt with, and work status can be optimized.

# Comprehensive Smart Robot Solution for Supermarkets & Retail

Enjoy yourself the interesting marketing solution design  
Leave the complex technology insurance to Pudutech



# Pudu Supermarket & Retail Industry ECO

## Establish the supermarket & retail industry ECO with Pudu robot as the bridge

- Make the supermarket operation more competitive, more efficient in management and more profitable channels
  - Make the brand enterprise more influential, market promotion with more innovation
  - Let consumers get better experience, higher efficiency and more intelligent services
- The introduction of more roles makes the marketing ECO of Pudu Robot more diversified and each participant gains more







# 02

## Successful Cases

# The New Star is Born



Pudu Robotics had successfully built up its partnership with Carrefour since 2022, which deployed BellaBot units, Pudu' s smart delivery robot, at two of its retail stores in Warsaw, Poland at the frist beginning.

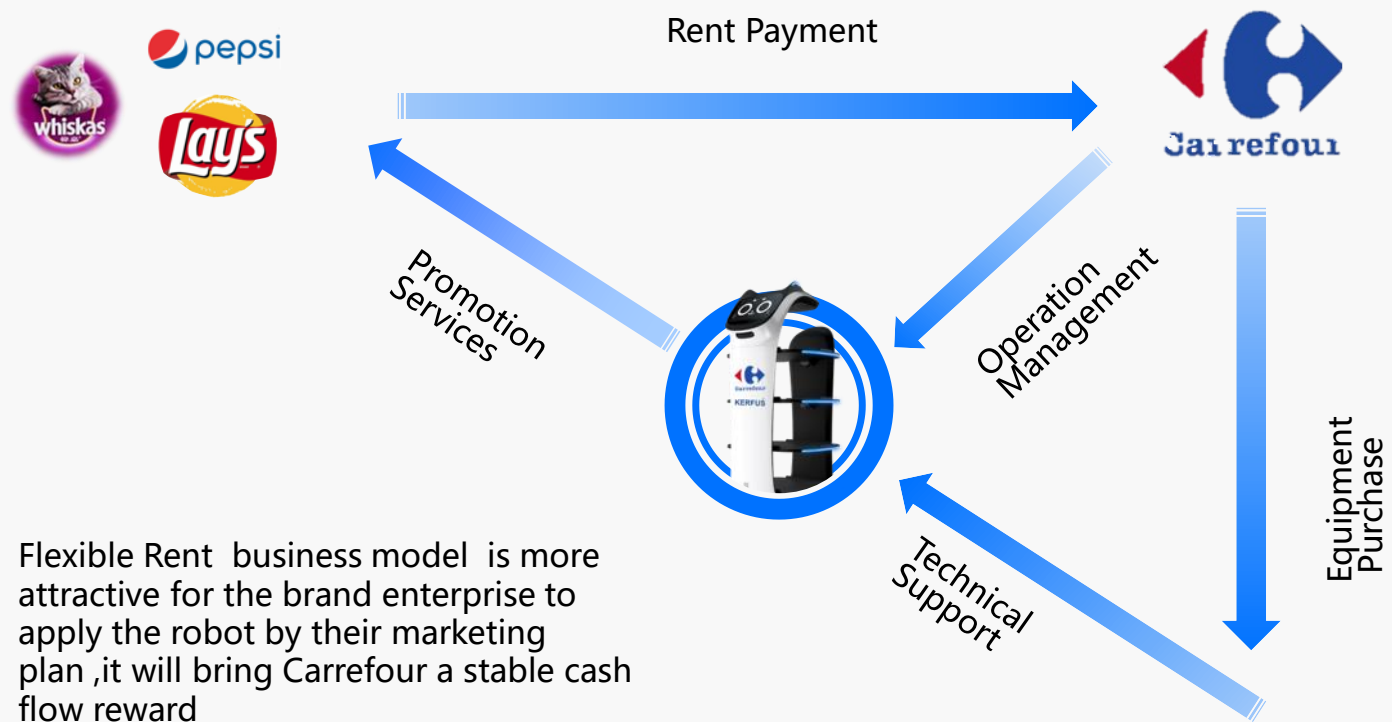
Because of the excellent performance ,it became popular rapidly , 20+ units of Bellabot had deployed in different Carrefour retail stores all over the country ,and many more is on planning ...



With the new name : **KERFUS**  
Bellabot converted to a **Carrefour New Star!**



# Flexible Business Model



Flexible Rent business model is more attractive for the brand enterprise to apply the robot by their marketing plan, it will bring Carrefour a stable cash flow reward



# Media Exposure



**CarrefourPolska** @CarrefourP... · 15分钟 \*\*\*  
 Wspólnie z @PepsiCoPolska rozpoczęliśmy pilotażowy program promocyjny z użyciem nowoczesnych samojedznych eRobotów #Kerfuś. 2 urządzenia sprzedające napoje #Pepsi oraz chipsy #Lays można już spotkać w sklepach #CarrefourPolska w C.H. #Arkadia i #GaleriaWileńska w Warszawie.



News Products Contact

News in Focus Business & Money Science & Tech Lifestyle & Health Policy & Public Interest People & Culture

## Pudu Robotics BellaBot Gain Popularity in Carrefour Stores in Poland, Fueling European Growth

NEWS PROVIDED BY  
 SHENZHEN PUDU TECHNOLOGY CO., LTD. —  
 Nov 24, 2022, 09:51 ET

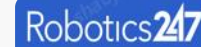
SHARE THIS ARTICLE  
 Facebook Twitter LinkedIn YouTube Email

SHENZHEN, China, Nov. 24, 2022 /PRNewswire/ -- Pudu Robotics ("PUDU" or "the Company"), a leading commercial service robot manufacturer, has seen great success in its expansion in Poland with its BellaBot gaining popularity in the country through its collaboration with retailer Carrefour.

Carrefour has deployed BellaBot, PUDU's signature smart delivery robot, in two of its retail stores in Warsaw to deliver Pepsi beverages and chips since Sept. 26. The unique shopping experience has been well received by local consumers, so much so that the bot, dubbed "Kerfuś", has won over the hearts of many Polish shoppers.

In the wake of the growing popularity of Kerfuś, Carrefour announced in late October that roadshows and special fan meetings for Kerfuś will be organized in over 100 Carrefour stores across Poland.

The deployment of PUDU's smart delivery robots in Carrefour marks a step further in the Company's strategy to integrate technological innovation with the traditional retail industry. The move also reflects PUDU's ambition to boost interactions between robots and shoppers to entertain consumers while



Supply Chain Manufacturing Applications Technologies Resources



INCREASE PRODUCTIVITY REDUCE OPERATING COSTS



LEARN MORE

Robotics 24/7 Topics Mobile Robots Services

## Carrefour Deploys Pudu Robotics BellaBot at Poland Retail Stores

Pudu Robotics said the robot's cute design has made it popular online.

By Robotics 24/7 Staff · November 28, 2022 · LinkedIn Twitter Facebook

Pudu Robotics is celebrating the success of its partnership with supermarket retailer Carrefour, which recently deployed BellaBot units, Pudu's smart delivery robot, at two of its retail stores in Warsaw, Poland.

The service shelf robot, also known as Kerfuś, is being used to promote and deliver Pepsi products. Pudu noted customers have enjoyed interacting with the robot and have posted about their experiences with it on social media.

### Memeing a robot

"Through the collaboration between Carrefour and Pepsi, Kerfuś has become a source of popular memes on social media, particularly on Twitter, where Kerfuś fans have been actively engaged in discussions on the bot's adorable design and smart delivery features," the company said. "Such widespread social media responses and recognitions have successfully accelerated the product sales of PUDU's partners."



Pudu Robotics

The BellaBot features a screen that emotes.



Learn more about RIOS at Robotics 24/7.



Shenzhen, China-based Pudu said it is organizing more than 100 "special fan meetups" at Carrefour stores across Poland to showcase the BellaBot in action.

"The deployment of PUDU smart delivery robots in Carrefour marks a step further in the Company's strategy to integrate technological innovation with

# Customer Introduction · Customer Feedback



Second Lighthouse  
Store in Europe

NO.1  
consumer  
electronics retailer

1,000  
+  
stores in  
Europe

2  
Floors

<2m  
Passage

30+  
Stuffs

30+  
Settled brand

5300+  
Square ( m<sup>2</sup> )





# Scheme High Light · Man-Robot Labor-division Cooperation

## Staff care

- 7\*24h continue working of robots make waiters' job easier ;
- Reduce staffs workload during peak hours .

## Cooperation division of labor

- Robots do fixed & repetitive works that giving staffs more time to take care of customers;
- staffs communicate with customer, kindly broadcast ads & navigation ,Everyone's characteristic makes the best use of it.



# Scheme Value - Data Analyze

To comprehensively address issues such as infection and soaring labor costs

## Human service



1 product  
per man day

50% of the time  
is spent on navigation

Working 8h  
per day

905.2\$/month  
Additional hourly wage  
increases

2000 people  
per day

# VS

Promotion

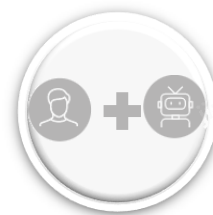
Service

Navigation

Costs

Passenger flow  
volume

## Human & Robot service



No limit  
per man day

80% of the time  
is spent on communication

Working 7\*24h  
per day

275.25\$  
Robot monthly cost  
629.95\$  
Cost saved

2500 people  
per day

## Successful cases



KettyBot @ GPA, Brazil



KettyBot @ Walmart, Chile



KettyBot @ CMART, Malaysia



KettyBot @ Miles Hypermarket, Jordan



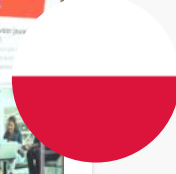
## Successful cases



KettyBot @ Mengniu, China



KettyBot @ Miles Hypermarket, Jordan



KettyBot @ Media Markt, Poland



KettyBot @ Tabris, Russia

<https://www.youtube.com/watch?v=K34nPERI3Qk>

[https://drive.google.com/file/d/1uWD3j2bHIAypQ\\_ZQJcfJWMHtsulKMss/view?usp=share\\_link](https://drive.google.com/file/d/1uWD3j2bHIAypQ_ZQJcfJWMHtsulKMss/view?usp=share_link)

## Successful cases



BellaBot @ Carrefour, Saudi Arabia



BellaBot @ Carrefour, Jordan



BellaBot @ Gourmet Market, Thailand



BellaBot @ Carrefour, Taiwan

[https://drive.google.com/drive/folders/1iCO2Jj3KQL46x9f4KyTKO4dwfFD8Kgu7?usp=share\\_link](https://drive.google.com/drive/folders/1iCO2Jj3KQL46x9f4KyTKO4dwfFD8Kgu7?usp=share_link)



## Successful cases



PuduBot @ Homeplus, South Korea

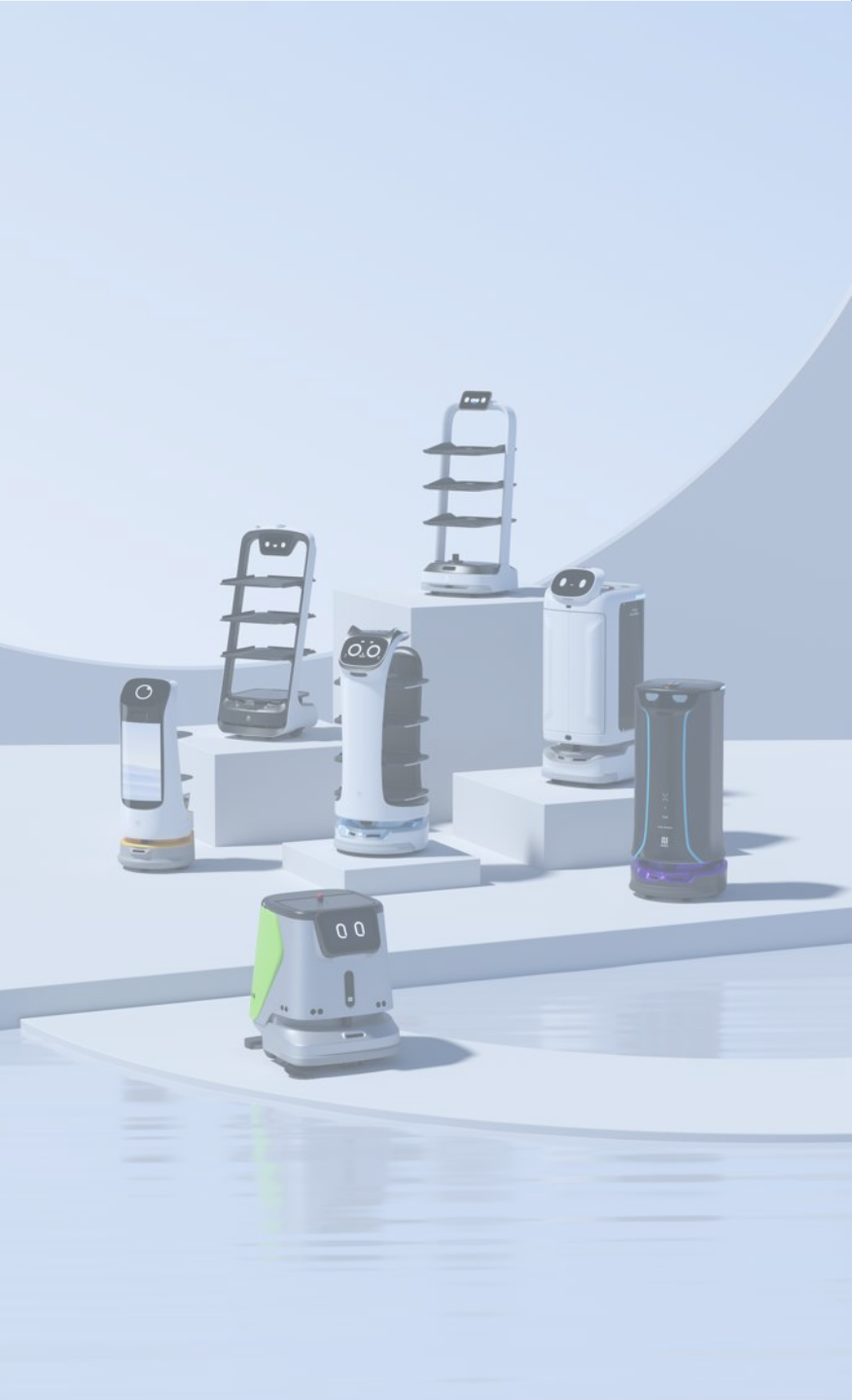


KettyBot @ The Cocoa Trees, Singapore

# Successful cases

## Cleaning Robot





03

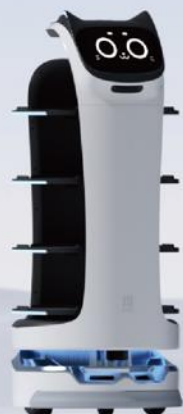
## Product Family Matrix

# Creating truly useful robot to improve human productivity and quality of life

GOOD DESIGN  
AWARD 2022

**BellaBot**

Premium Delivery Robot



**HolaBot**

Pager & Notifications  
Delivery Robot



reddot winner 2023

**PUDU CC1**

Intelligent Commercial  
Cleaning Robot



**PUDU SH1**

Commercial Scrubber Dryer



reddot award 2017  
best of the best

**PuduBot 2**

Universal Delivery Robot



**PuduBot**

Intelligent Delivery Robot



**SwiftBot**

Versatile Delivery Robot



**KettyBot**

Flexible Multitasker





# Product Family

## Delivery Robots

Bellabot

Pudubot 2

Pudubot

Kettybot

Swiftbot

Holabot

Flashbot

## Cleaning Robots

CC1

SH1

## IOT Solutions

Pager

Autodoor

Elevator

4G/lora  
Watch

Table  
Tracker

Bluetooth  
Speaker

...

## Accessories Solutions

Cup  
holder

Food  
cover

Tray

Display  
shelf

Self-  
charging  
station

...

## Pudu Cloud

PUDU Merchant  
Management Platform

PuduLink App

PUDU Cloud Platform

## Technology

PUDU OS

Positioning and  
navigation algorithm

Perceptual obstacle  
avoidance algorithm

Motion control  
algorithm

Multi-machine  
scheduling algorithm

AI interactive  
algorithm

Cloud platform  
algorithm

Simulation testing  
platform

## 1-N Customized Solutions

Voice

Emoji

Skin

SDK

...



# Delivery Robots



GOOD DESIGN  
AWARD 2022

## BellaBot

Novelty、cute、fully-perceptive food delivery robot



Contactless delivery



Multiple located



Tray Sensor



Flexibility



Personalized  
Presentation



Multi-interaction



Changeable  
battery



Safety



Service



## PuduBot2

Latest、high-performance、extendable、adaptable,  
intelligent delivery robot for multiple scenarios



Delivery mode



Shipping mode



Cruise mode



Direct mode



Dish-recycle mode



Birthday mode



## KettyBot

With Ad screen, serving as both a delivery and  
receptionist



Minimum passability



AD



Reception



Navigation



Voice interaction



Work plan



Delivery



Self-charging



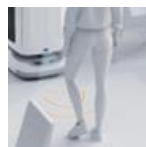
Feature settings

# Delivery Robots

## SwiftBot



Delivery Robot for Smooth Peak Hour Operations, Redefining Social Interaction between Humans and Robots



Avoidance Reminder



Operating Status Projection



Atmosphere Projection

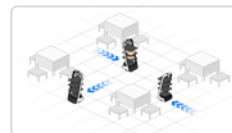


Foot-activated Door Projection

## PuduBot



Classic Intelligent Food Delivery Robot, Pioneering the Industry of Trackless Delivery Robots



Scheduling



3D avoidance



Independent Suspension



Ultra-long Endurance



Optimal Path Planning



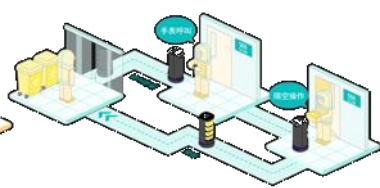
Sun-resistant

## HolaBot

First Delivery Robot with Remote Call Notification Function for Multiple Delivery Scenarios



Dish-recycle



medical waste recycle

## FlashBot

Full-Scenario Delivery for Hotels, Offices, Apartments, and Residential Buildings



APP call



Independent cabin door



Customized disinfection time



Take elevator



Auto-door



Arrival notification

# Cleaning Robots



  
reddot winner 2023

## PUDU CC1

All-Purpose Cleaning Monster: Four-in-One Scrubbing, Sweeping, Mopping, Vacuuming

A machine that integrates sweeping, mopping, vacuuming, and dusting, easily meeting all cleaning needs with just one device



dusting



mopping



sweeping



vacuuming



## PUDU SH1

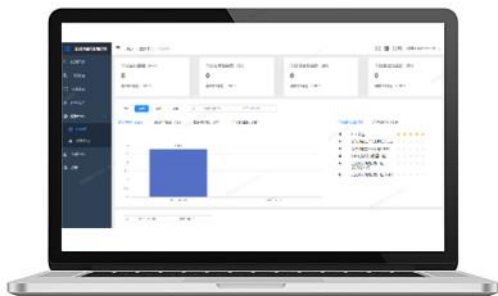
Professional Mini Digital Floor Scrubber: A More Professional and Thorough Cleaning Solution

The compact and flexible design allows for easy transition between tasks on multiple floors and surfaces





# PUDU Cloud



## PUDU Cloud Platform

### For distributors

Management platform for managing business opportunities, clues, sub-distributors, merchant customers, and selling robots.

PC – Web

- 1) Singapore Group: <https://css.pudutech.com>
- 2) Germany Group: <https://csg.pudutech.com>
- 3) China Group: <https://cs-internal.pudutech.com>



## PUDU Merchant Management Platform

### For end-store

A platform for robot configuration, remotely controlling, managing stores and viewing robot operation data.

PC – Web

- 1) Singapore Group: <https://businesss.pudutech.com>
- 2) Germany Group: <https://businessg.pudutech.com>
- 3) China Group: <https://business.pudutech.com>



PuduLink App [iOS]



PuduLink App [Android]

# IOT Solutions

Pager



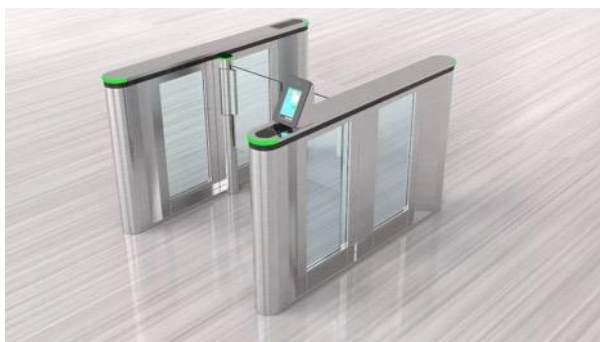
4G/Lora Watch



Elevator



Auto-door



Bluetooth Speaker



Table Tracker



# Accessories Solutions

## Ketty's Accessories



## Enclosed Protective Cover



## Bearing tray (Bella)



## Cup holder (Bella)



# 1-N Customized Solutions

android 

PUDU OS



Robot SDK



Skin



Customized Emoji



Customized Voice



Customized Software



Combined with 3<sup>rd</sup> party  
hardware

More options to come  
soon



04

## PUDU Introduction

# PUDU Introduction

## Pudu Robotics

In 2016, Pudu Technology was founded in Shenzhen as a national high-tech enterprise that specializes in research, design, production, and sales of commercial service robots. After seven years of development, Pudu Technology has established hundreds of service points worldwide, with business in over 60 countries and regions, delivering more than 56,000 units. It has become a leader in the field of commercial service robots globally. In the age of intelligence, Pudu Technology will continue to uphold the "inventor's spirit" and solidify its technology, refine its products, create truly useful robot products, and enhance the efficiency of human production and life.

\* Relevant statistics as of December 2022

### Mission

Use robots to improve the efficiency of human production and living

### Vision

To become the world's strongest commercial service robot company



BE INVENTIVE



BE CUSTOMER  
CENTRIC



THINKING IN THE  
LIGHT OF FIRST  
PRINCIPLES



BE ENTERPRISING  
& ACCOUNTABLE



PURSUING FOR  
THE ULTIMATE



MOVING FAST



BE OPEN-UP



EMBRACING  
CHANGE

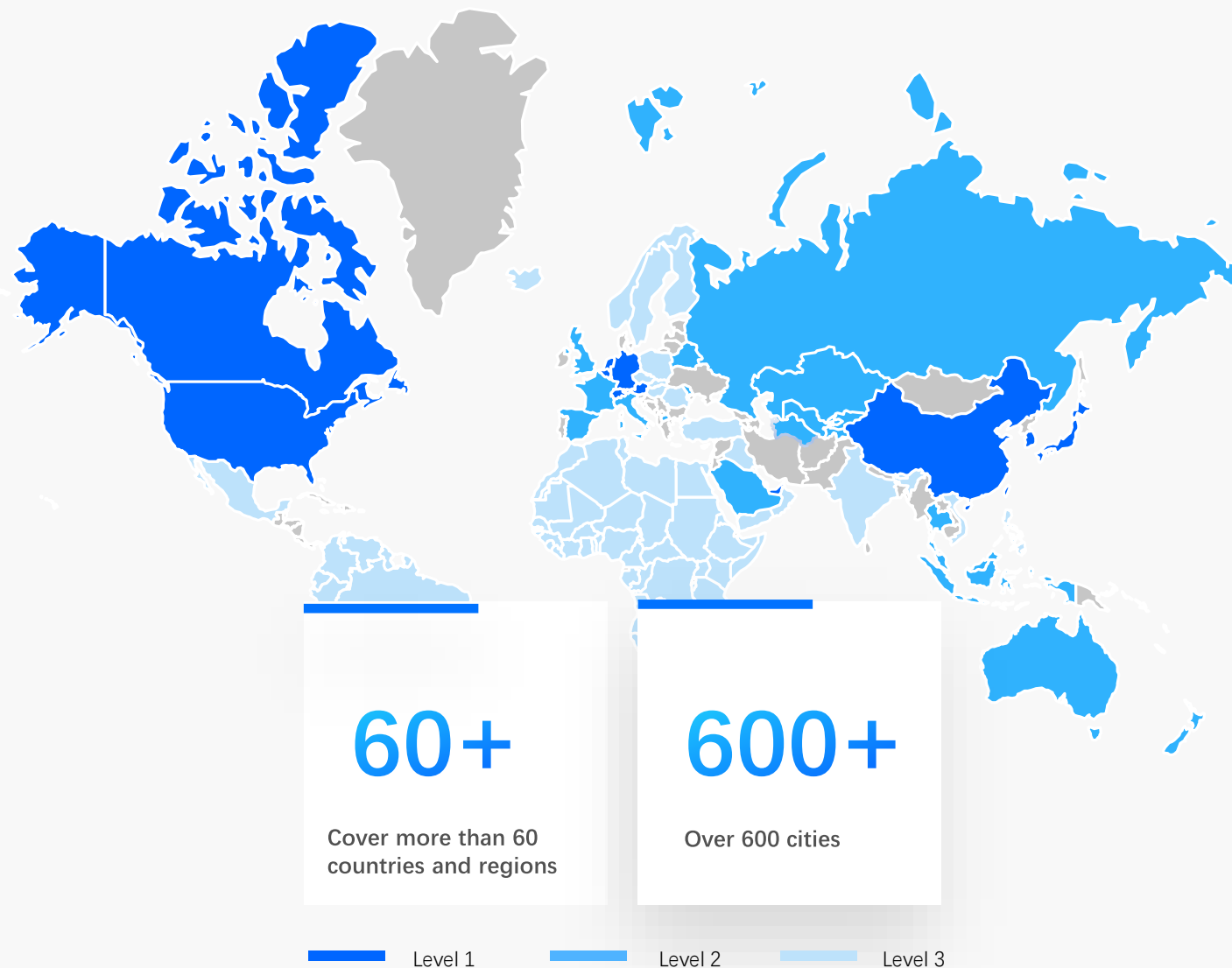


# Scale Advantage

## Globalization

Pudu Robotics has established a business presence in North America, Europe, East Asia, Asia-Pacific, the Middle East and Latin America. The products have been exported to more than 60 countries and regions around the world, covering more than 600\* cities worldwide. Pudu Robotics has established a trustworthy international brand image and become one of the representative enterprises of China's "intelligent" manufacturing abroad.

\* Relevant statistics as of December 2022





# Scale Advantage

Total Sales Quantity

## 56,000+

56,000+ \* units have been sold worldwide

Market Share in All Scenarios

## TOP1

The market share in the full range of commercial service robots is No.1

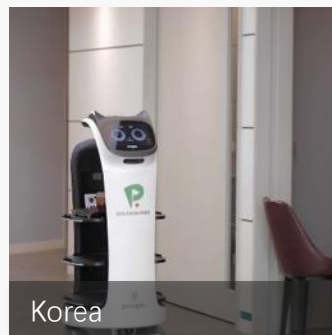
Market Share of the Overseas Catering Industry

## >80%

Overseas catering industry's market share > 80%

\* Relevant statistics as of December 2022

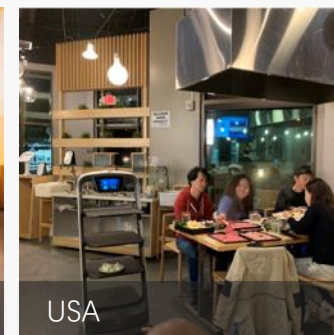
## The world largest commercial service robot manufacturer



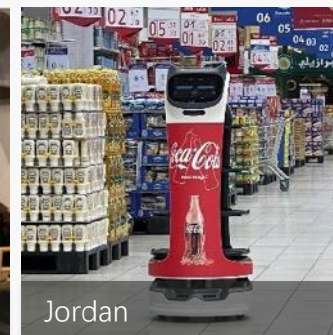
Korea



Australia



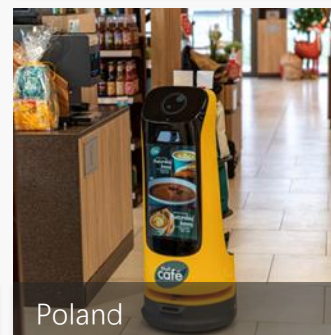
USA



Jordan



Switzerland



Poland



China-Shenzhen



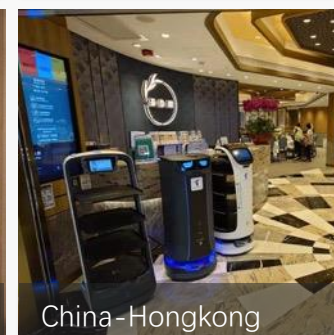
China-Xiamen



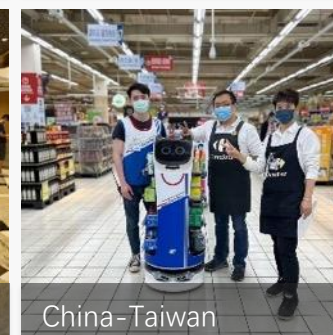
Malaysia



Japan



China-Hongkong



China-Taiwan



# Horner and Certification

## Certificate & Patent

All of existing products have passed the multi-certification that match the targeting markets.



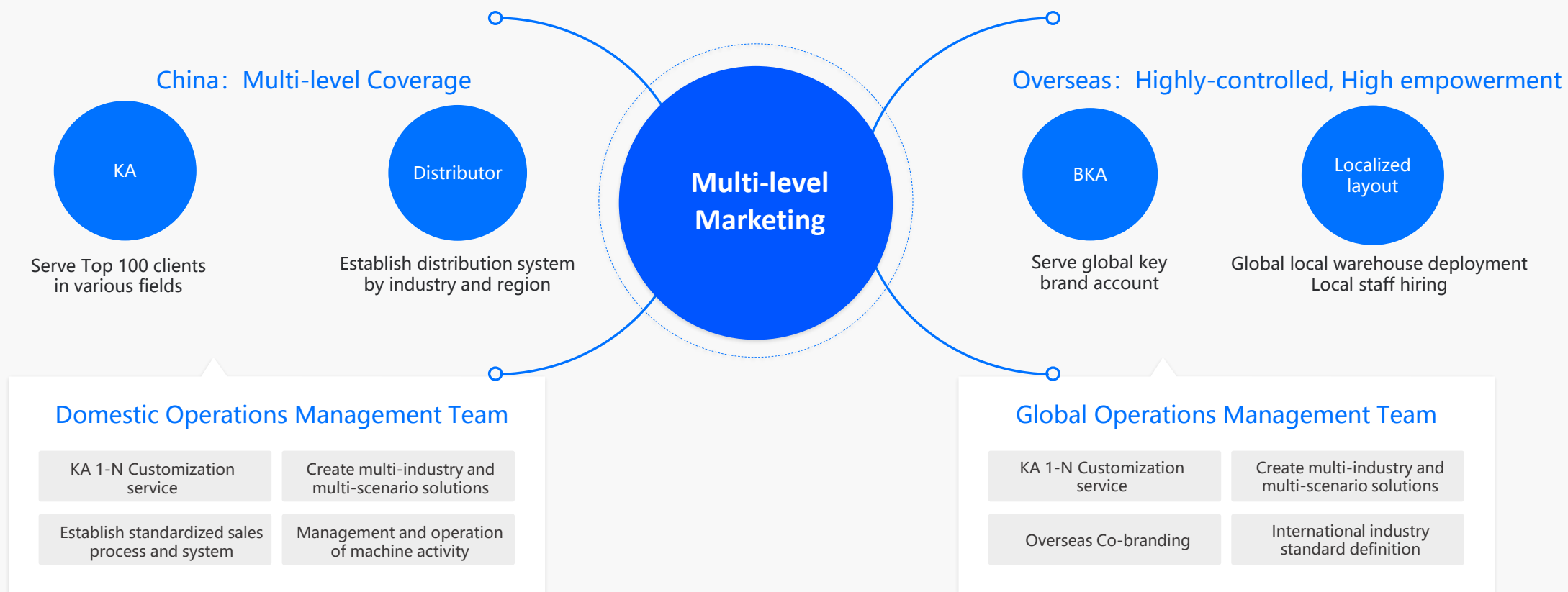
Pudu Robotics has applied for about 1300\* core patents, of which invention patents are over 60%, involving positioning, navigation, motion control, human-computer interaction, robotics arm, servo motor, computer vision, cloud platform and other technical fields.

\* Relevant statistics as of December 2022



# Operation Advantage

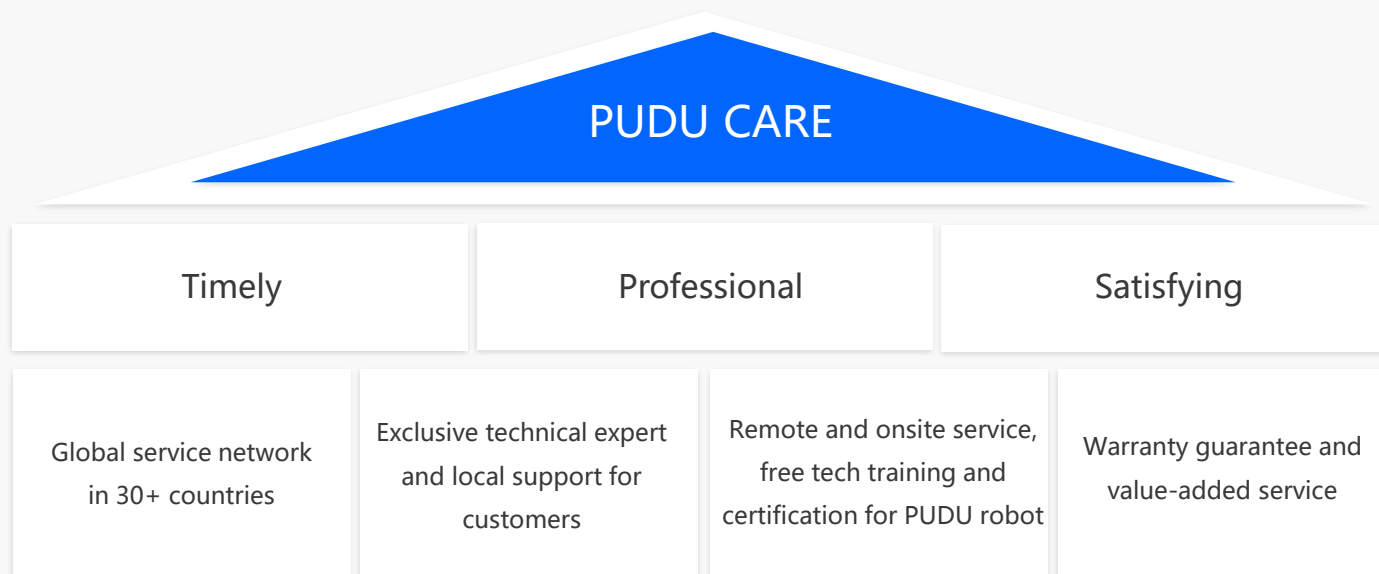
## Global Multi-level Sales System



# Operation Advantage


Offline Service:

- 1 Year Free Warranty
- 7 × 24 Hours Service
- Local Service & Support




Pudu Robotics has a thorough after-sales support system and humanized after-sales policy as well, whenever it is needed, we are going all out to offer service and reach your satisfaction.

# Thank you!

 +86 755-86952935

 [Global\\_sales@pudutech.com](mailto:Global_sales@pudutech.com)

 5/F, Building 1A, Shenzhen International Inno Valley Phase 1, Dashi 1st Road, Nanshan District, Shenzhen, China 518300