Smart Vending Machine

A smart retail device based on various types of goods shelves, IoT, AI and multi-mode interaction technology. The accurate commodity sales and retail network deployment are realized by the full-process automatic service and data-driven maintenance. The machine provides 7*24h unmanned self-service shopping experience for customers.

Business Challenges
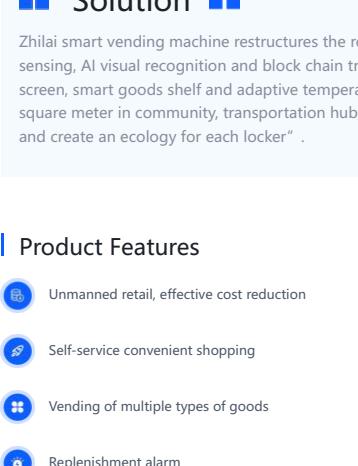
High threshold to set up a shop
1. Complex address selection and decoration
2. High investment
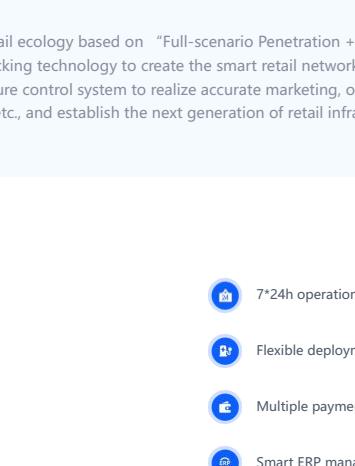
Inefficient investment return
1. Limited business hours
2. High operating cost
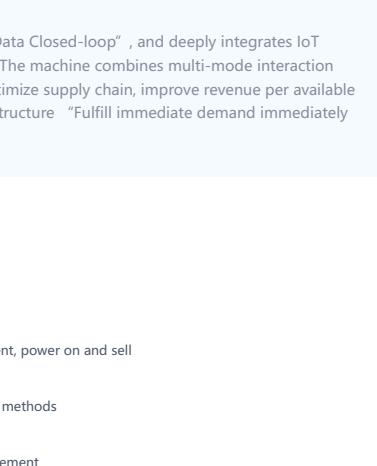
Difficult operation management
1. Time-consuming inventory check
2. Time-consuming revenue accounting

Solution

Zhilai smart vending machine restructures the retail ecology based on "Full-scenario Penetration + Data Closed-loop", and deeply integrates IoT sensing, AI visual recognition and block chain tracking technology to create the smart retail network. The machine combines multi-mode interaction screen, smart goods shelf and adaptive temperature control system to realize accurate marketing, optimize supply chain, improve revenue per available square meter in community, transportation hub, etc., and establish the next generation of retail infrastructure "Fulfill immediate demand immediately and create an ecology for each locker".

Product Features

- Unmanned retail, effective cost reduction
- Self-service convenient shopping
- Vending of multiple types of goods
- Replenishment alarm
- Smart operating data analysis
- Smart temperature control, safe and anti - theft
- 7*24h operation
- Flexible deployment, power on and sell
- Multiple payment methods
- Smart ERP management
- Durable high-quality material
- Branded spare parts, considerate after sales service

Product Specification

Smart Vending Machine (Spiral goods shelf)

Locker dimension (L*D*H):	1150*1011*2031mm (US version), 1150*980*2031mm (EU version)
Screen dimension:	10.1" touch display
Capacity:	300
Payment method:	Google pay, Apple pay, POS
Goods track:	Spiral shelf (other customized shelves optional)
Number of shelves:	60 (commodity categories)
Storage temperature:	-30~60℃
IP grade:	IP20
Rated voltage:	110V/AC
Rated power:	550w

Smart Vending Machine (Vertical Channel)

Dimensions (L*D*H):	1150* 1011* 2031mm
Display Size:	10.1-inch Touch Display
Capacity:	210
Payment Methods:	Google Pay, Apple Pay, POS
Channel Type:	Vertical (Customizable)
Number of Channels:	35 (Product Types)
Storage Temperature:	-30 to 60℃
Ingress Protection:	IP20
Rated Voltage:	110V/AC
Rated Power:	550W

Smart Vending Machine (Elastic-clip channel)

Dimensions (L*D*H):	1190* 947* 2031mm
Display Size:	10.1-inch Touch Display
Capacity:	280
Payment Methods:	Google Pay, Apple Pay, POS
Channel Type:	Elastic-clip Channel (Customizable)
Number of Channels:	35 (Product Types)
Storage Temperature:	-30 to 60℃
Ingress Protection:	IP20
Rated Voltage:	110V/AC
Rated Power:	550W

Smart Vending Machine (Combination Channel)

Dimensions (L*D*H):	1150* 1011* 2031mm
Display Size:	10.1-inch Touch Display
Capacity:	Spring Channels (9), Track Channels (7), Vertical Channels (7)
Payment Methods:	Google Pay, Apple Pay, POS
Channel Type:	Magazine Channel, Track Channel, Vertical Channel
Number of Channels:	23 (Product Types)
Storage Temperature:	4 to 10℃ (Adjustable)
Ingress Protection:	IP20
Rated Voltage:	110V/AC
Rated Power:	450W

Application Scenarios
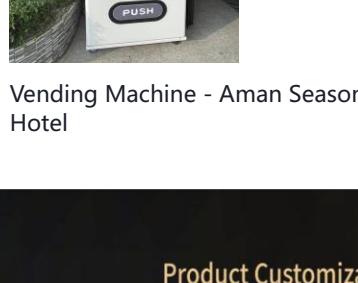
Airport
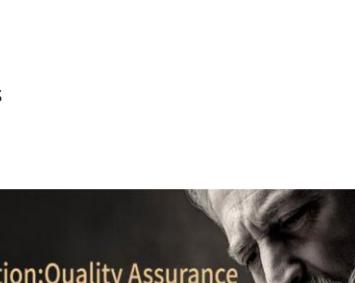
Shopping center

Office building

Cooperation Cases
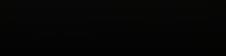
Vending Machine - Aman Seasons Hotel