VIONVISION

VStore3.0

Smart Supermarket Solution

Vionvision, Inc.

About Vionvision

100+
Patents & Copyrights

17+
Years

1,500+
Shopping Malls

300,000+
Retail Stores

15
Countries & Regions

Founded in 2005, Vionvision, Inc. is committed to developing world-leading computer vision algorithms, products, and solutions. We established numerous applications in smart retail, shopping malls, and public area.

We served more than 1,500 shopping malls & 300,000 retail stores. We also have business partners in over 15 countries and regions.

Technology Overview

Solutions

Mall： Footfall and occupancy
Heat maps and customer paths

Store: Footfall and occupancy
Heat maps and customer paths
Product engagement
Queue management

Super Market: Footfall and occupancy
Queue management

Airport& Queue management
Train station: Occupancy

Museum: Footfall and occupancy
Customer paths
Exposure and dwell

Park: Footfall and occupancy
Exposure and dwell

Products

AIoT smart sensors   Edge computing boxes   Cloud GPU

Sensing Devices

Application & BI platforms

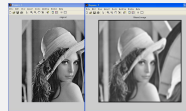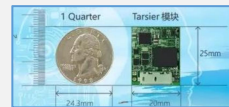## Key technical capabilities

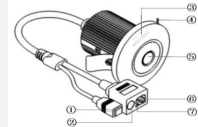Image processing   Computer vision   Deep learning

Algorithms

Low-power embedded vision   Industrial design   Reliable supply chain

Hardware

Distributed Storage & Computing   AIoT management   Progressive & secured AI

Cloud

Innovative Supermarket Systems

VIONVISION

System 4: Data Application
- Operation optimization with PDCA(cashier, scheduling, goods placement, etc.)
- Marketing evaluation with sales pipeline

System 3: BI Platform
- Data dashboard
- Indicator monitoring (customer traffic, dwell time, potential customer rate)
- Marketing campaign evaluation
- Heat map & customer paths

System 2: In-store Analytics
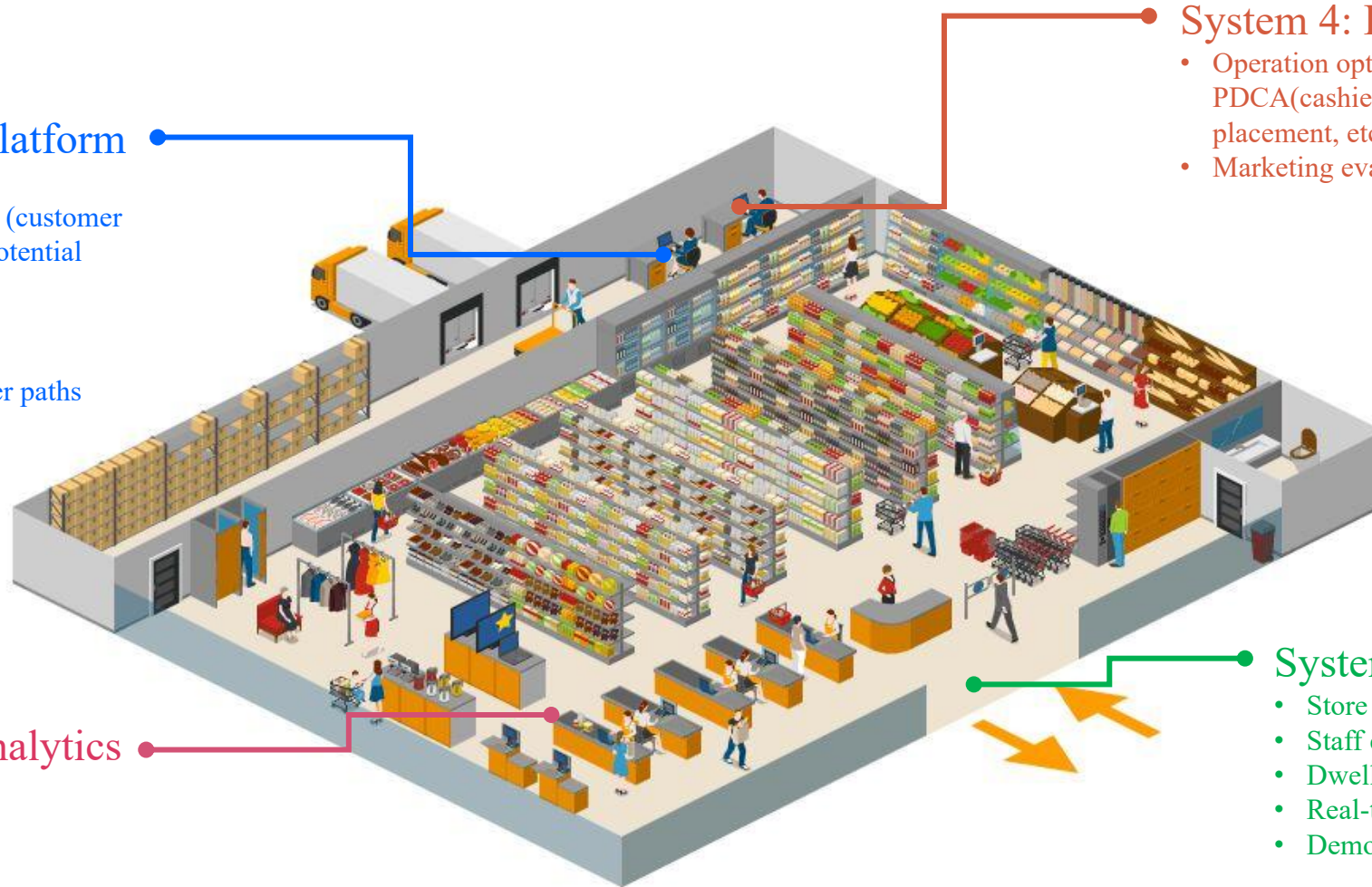- Exposure & dwell
- Heat map
- Customer paths
- Queue management
- Customer engagement

System 1: Customer Traffic
- Store traffic & groups
- Staff exclusion
- Dwell time distribution
- Real-time customer count
- Demographic (gender, age group)

Partners

1,500+ Shopping Malls

300,000+ Retail Stores