

SIX-ARMS CLOUD



Visual Create Value



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01 PAGE ABOUT US

PAGE SMART STORE PATROL 02



About DVO

Six-arms cloud is a SaaS multi-user system management platform developed by DEVIO technology for chain industry and logistics, and for people, goods and merchandise management to help stores reduce costs and improve operational efficiency. DVO uses video slice, video overlay technology, IoT edge computing technology, and more than ten years of integrated hardware and software experience in chain industry combined with AI, blockchain application to help chain enterprises to upgrade digitalization and intelligentization. DVO provides a one-stop solution, and ultimately enhance clients' corporate brands, enhance the competitiveness of enterprise science and technology.

SMART STORE PATROL

According to the enterprise situation, the manager can customize the patrol standards and can be combined with a variety of standard patrol methods. Finally, the realization of 360-degree efficient management can help stores to provide high-quality service image to customers.



- Remote patrol**
Remote patrol, based on live video, history, and pictures, help managers save time and effort.
- Patrol report**
Patrol report, based on a statistical analysis of problems, managers can find the cause of the problem
- Audit system**
Audit system, 360-degree panorama, help managers find problems in time, Realize precise management
- Self-check in store**
Initiate tasks, track issues, find and fix problems, thus saving time and effort in management

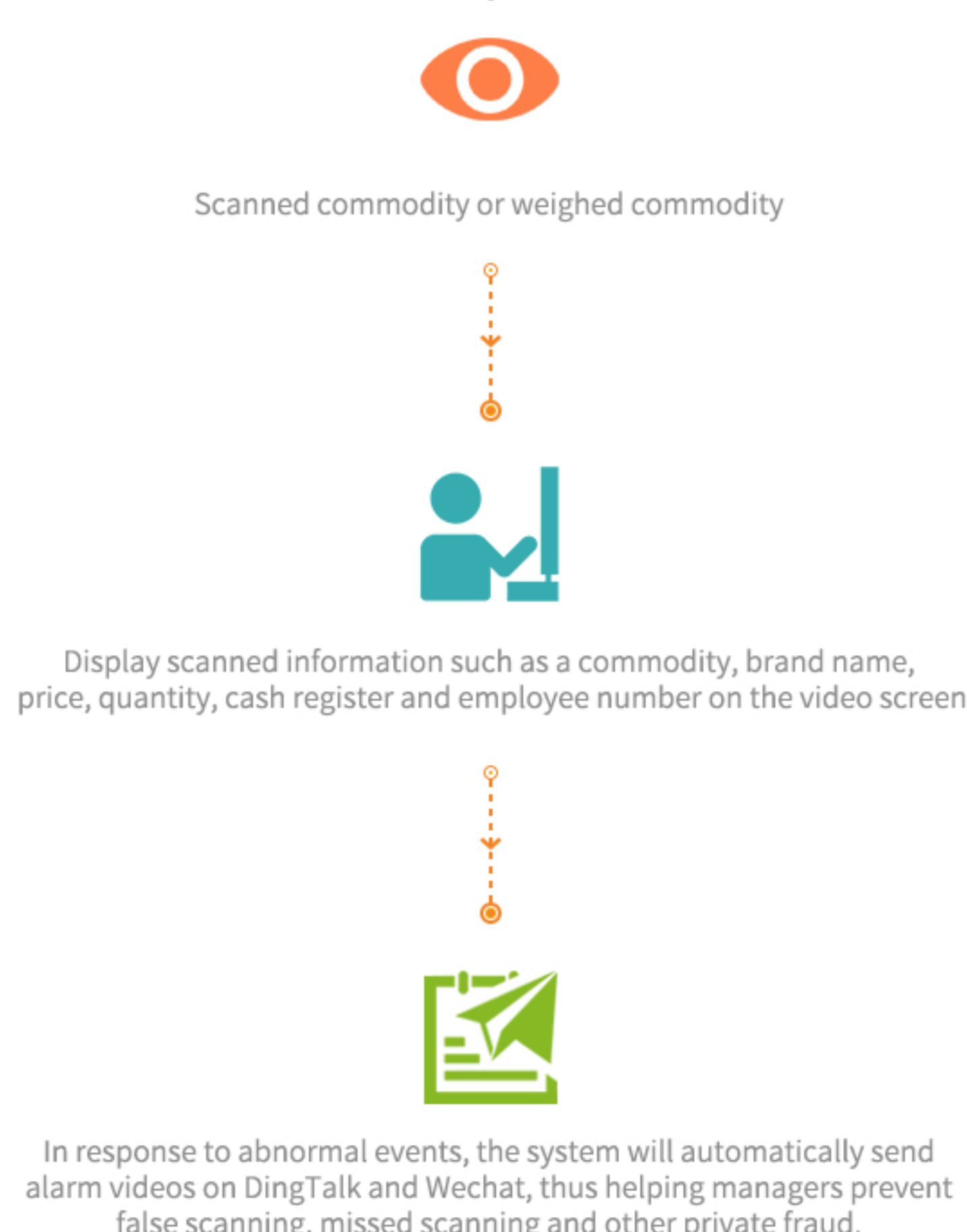
03 PAGE Visual loss-prevention

PAGE FACE RECOGNITION 04

VISUAL LOSS-PREVENTION

The system can display scanned information such as a commodity, brand name, price, quantity, cash register and employee number on the video screen as evidence, to prevent fraud.

Visual loss-prevention



FACE RECOGNITION

Based on the technology of intelligent face analysis, the system can capture every customer entering the store and remove the double image of the face. In the cloud, the system can quickly recognize faces based on facial features and push the results to the user's mobile APP.

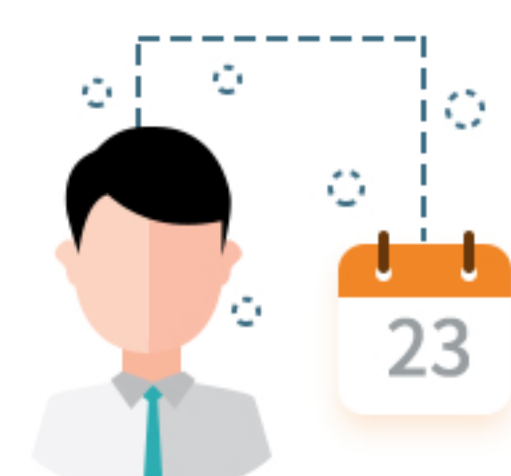


Customer Analysis

Based on the technology of face analysis, the system can accurately capture every customer, achieving an accuracy of more than 90%. Meanwhile, the cloud can carry out fast recognition based on the facial feature database and counts the attributes such as the customer's age, gender, etc., thus presenting customers' profiles to provide digital evidence for operation and improvement of store service.

Customer Flow Statistics

Based on the face intelligence analysis technology, the system can count the number of people accurately and help to analyze the customer's condition according to the day, week, month and year.



Blacklisted Customer

Based on intelligence face analysis technology, the system can accurately capture the face of every customer entering the store and quickly identify with the Facial Feature Library in the cloud, pushing real-time alarm for blacklisted customers on Wechat and DingTalk, etc. In short, the system can help managers to prevent unexpected events before they occur, reducing corporate losses and brand image discounts.

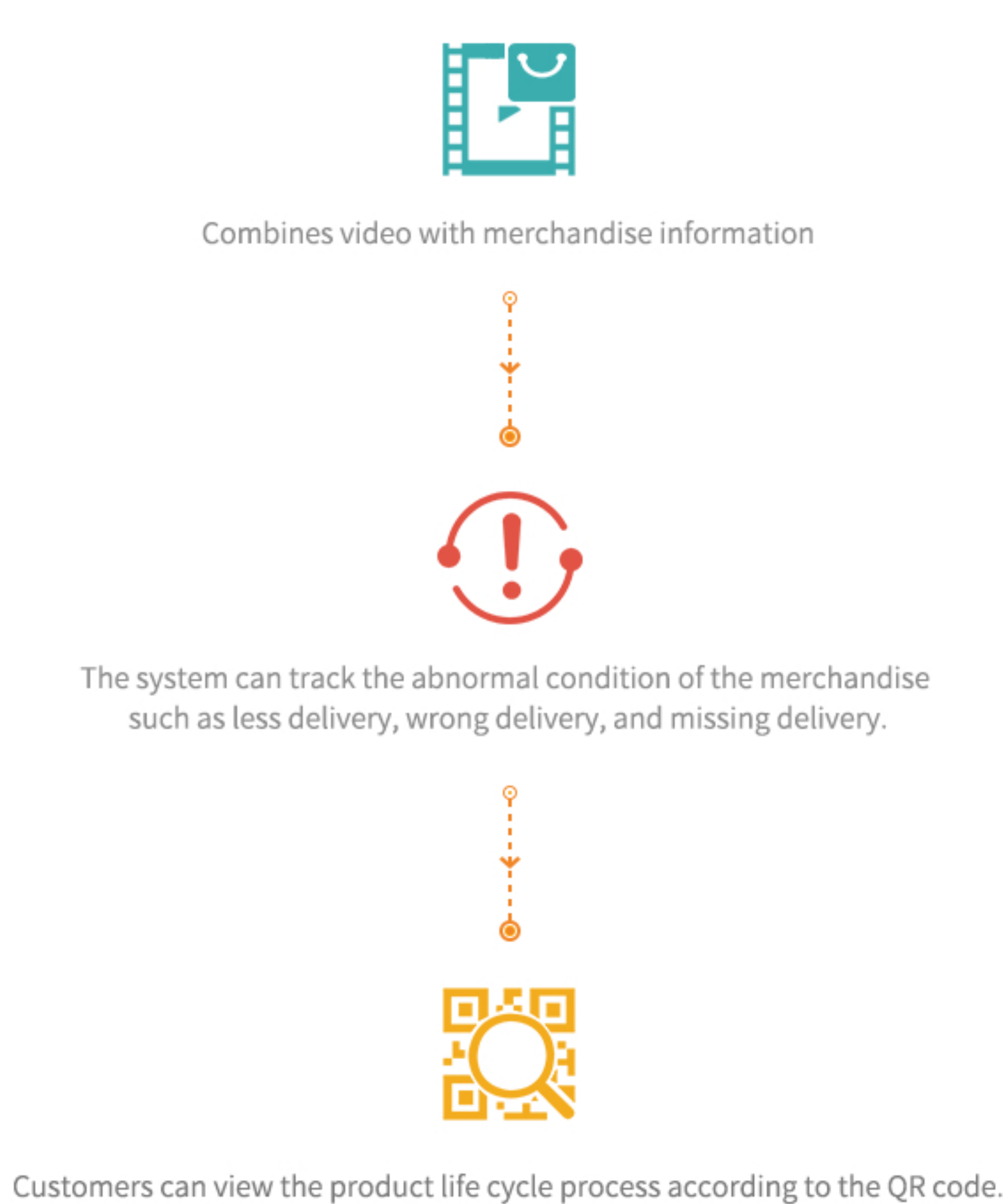
05 PAGE Visual traceability

PAGE SYSTEM ARCHITECTURE 06

VISUAL TRACEABILITY

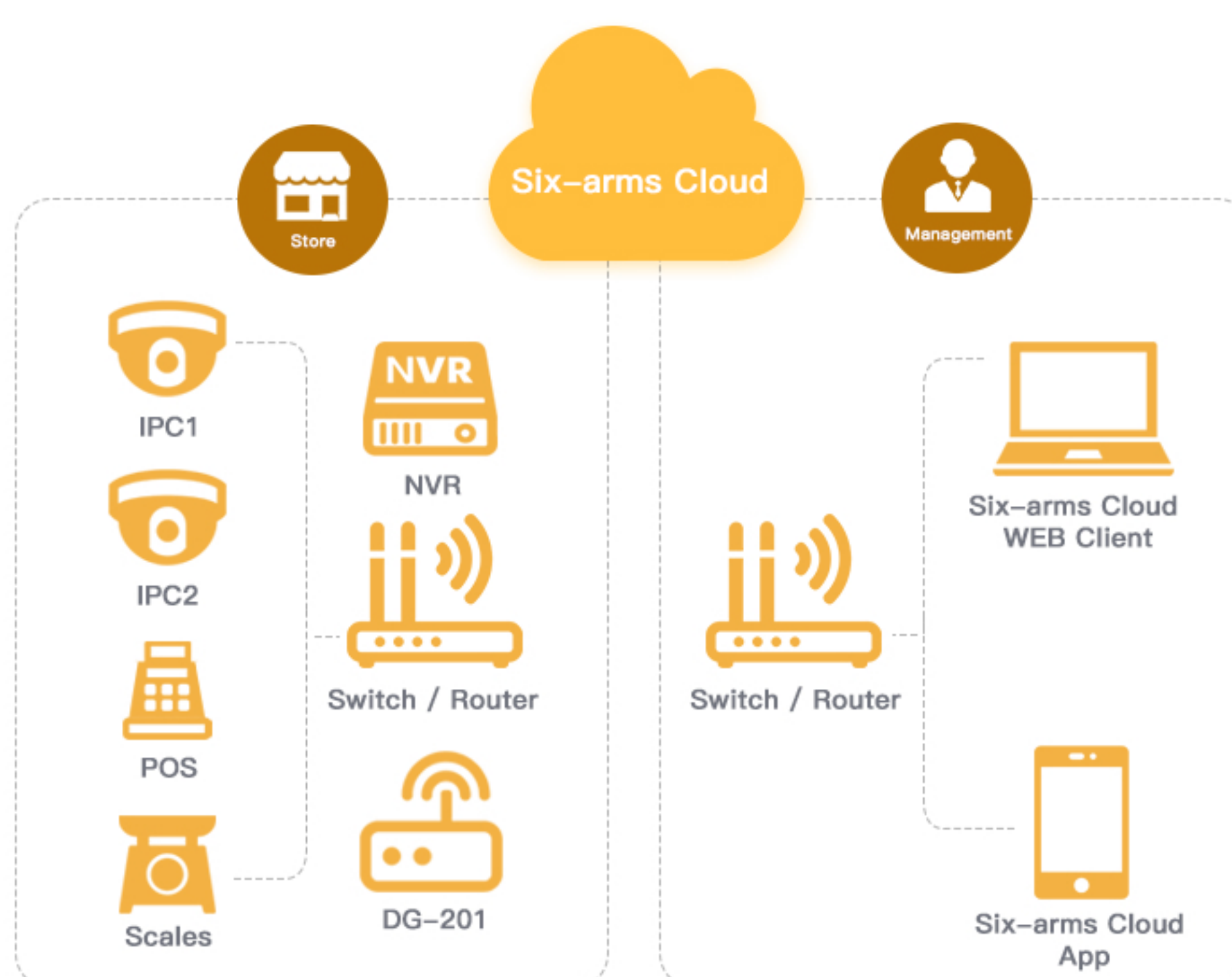
The system combines video with merchandise information to help managers visualize the whole life cycle of merchandise from raw materials to final sales.

Product traceability



SYSTEM ARCHITECTURE

SIX-ARMS CLOUD IS A NEW GENERATION OF A SOFTWARE PLATFORM BASED ON CLOUD COMPUTING, WITH COMPLETE ENTERPRISE APPLICATION SERVICES, OPERATION, AND MANAGEMENT CAPABILITIES. IT CAN CARRY CORE BUSINESS, PATROL SYSTEM, LOSS PREVENTION SYSTEM, FACE RECOGNITION SYSTEM, AUDIT SYSTEM, AND OTHER KEY BUSINESS APPLICATIONS. FURTHERMORE, THE SIX-ARM CLOUD PROVIDES HIGH-SECURITY, HIGH-RELIABILITY CLOUD COMPUTING SERVICES, HELPING KEY BUSINESSES TO EASILY ACCESS THE CLOUD. THEREFORE, THE SIX-ARMS CLOUD IS AN OPTIMAL SCHEME FOR THE ONLINE MANAGEMENT OF RETAIL ENTERPRISES.



07 PAGE Hardware product

PAGE SUCCESSFUL CASE 08

HARDWARE PRODUCT

- EDGE COMPUTING SERVER**
ACCESS TRANSFER COLLECT REMOTE
ACCESS TO MAINSTREAM-BRAND NVR, IOT DEVICES, FACE INTELLIGENCE DETECTION, SUPPORT PATROL SYSTEM, LOSS-PREVENTION SYSTEM, AND TRACE SYSTEM, SMALL SIZE, EASY TO INSTALL
- DVO NVR**
ACCESS STORAGE
ACCESS TO MAINSTREAM BRAND CAMERA, 4-CHANNEL, 8-CHANNEL, 16-CHANNEL, 32-CHANNEL AVAILABLE
- DVO NETWORK BOX CAMERA**
HD 1080P SMALL SIZE DATA OVERLAY
MULTI-LINE OVERLAY, OSD COLOR OPTIONAL
- 360-DEGREE SPHERICAL CAM**
PANORAMA 360 DEGREES STIMES
MULTISTREAM OUTPUT FRARED LIGHT, APPLY TO NIGHT MODE
- DVO SPHERICAL INFRARED CAM**
SMALL SIZE EASY TO INSTALL 3D NOISE REDUCTION
3D NOISE REDUCTION, HD VIDEO QUALITY
- DVO INFRARED CAM**
SMALL SIZE EASY TO INSTALL INFRARED LIGHT
3D NOISE REDUCTION, HD VIDEO QUALITY INFRARED LIGHT, INFRARED LIGHT
- DVO AI CAM**
FACE RECOGNITION CUSTOMER FLOW STATISTICS DATA OVERLAY
ACCURATE IDENTIFICATION OF IN-STORE CUSTOMERS

SUCCESSFUL CASE

