Attract Everything
Connect Intelligently

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content

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Company Profile

Empowering All Industries with Innovative Technology, Driving a Smarter Future

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Corporate Introduction

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Magni-AI is a technology-driven enterprise specializing in the research and development of IoT and internet technologies. With cutting-edge technology at our core, we provide comprehensive technical services and operational solutions for the digital transformation of cities and industries.

We have successfully developed several core solutions:

◆ **Smart Archives Management**: Enables integrated and intelligent management of physical and electronic archives.

◆ **Big Data Middle Platform**: Breaks down information silos, unleashes data value, and helps clients build unified, intelligent data asset management capabilities.

◆ **Smart Park Solution**: Integrates IoT and AI technologies to achieve intelligent operation and management of scenic areas and parks.

◆ **AI-based visual inspection system**: Utilizes image capture and AI to implement automated inspection across multiple application scenarios.

In addition, our capabilities extend to various other fields, including smart campuses, intelligent transportation, Smart Fire Protection Solution, smart government services, and more. Magni-AI remains committed to empowering all industries with innovative technology and driving a smarter future.

Brand Strength

01 Magni-AI is a designated systems integrator for China Mobile and China Telecom.

中国移动 5G⁺⁺ 中国电信 CHINA TELECOM

02 Magni-AI is a member of the China Mobile Internet of Things Alliance.
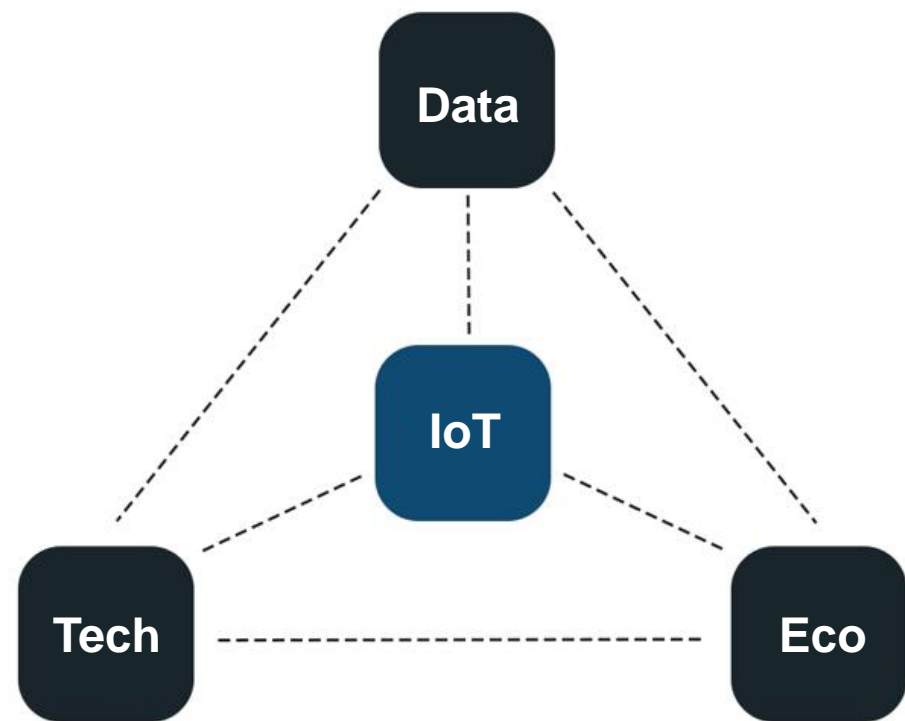
中国移动物联网联盟
China Mobile IoT Alliance

Company Vision

Attract Everything, Connect Intelligently

With the power of "Magni-AI", we aim to build a smart world where all things are interconnected and intelligently collaborative, making technology accessible and beneficial to all industries.

We are committed to acting like a magnet, attracting and integrating cutting-edge technologies, industry expertise, and high-quality partners.

We aspire to build not just a world of intelligent technology, but also an open and collaborative ecosystem for mutual success.

Here, we share resources and create shared value with all partners, working together to drive society toward a more efficient, sustainable, and brighter future.

Data

IoT

Tech

Eco

Business Philosophy

Integrity

诚信为本

Service

服务至上

Quality
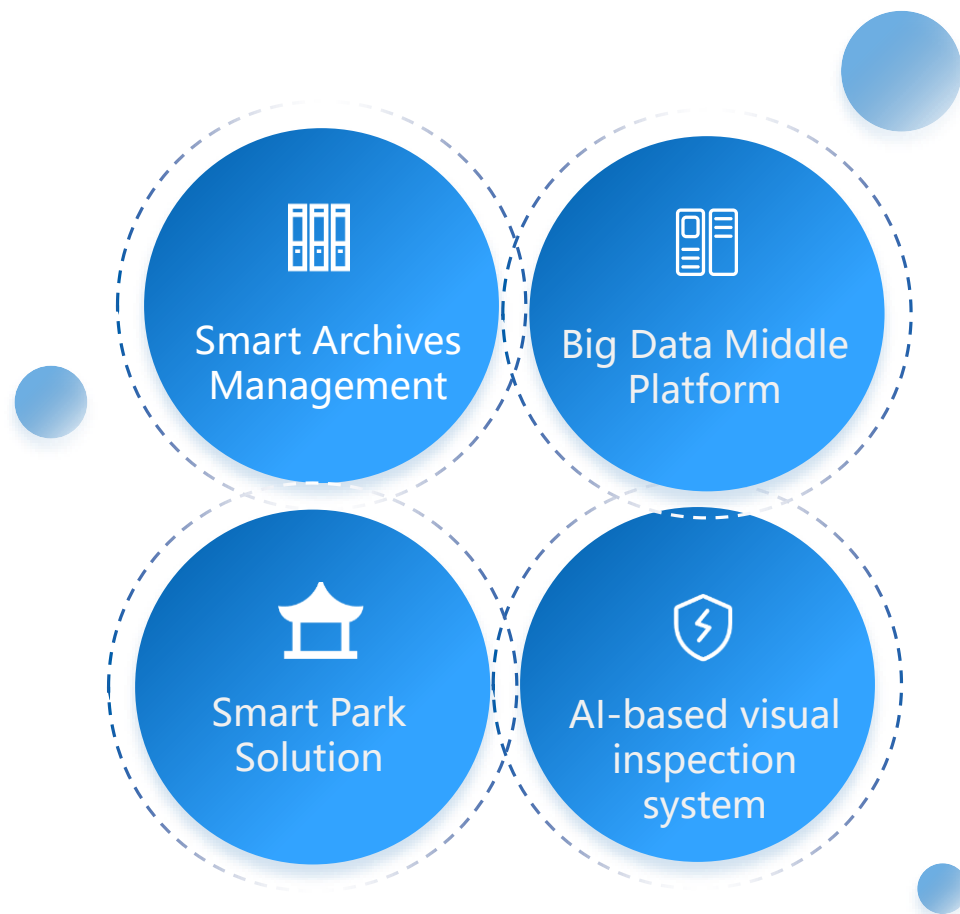
品质至上

Customer

客户至上

Solutions and Products

With the power of "Magni-AI", we aim to build a smart world where all things are interconnected and intelligently collaborative, making technology accessible and beneficial to all industries.

Core Competitiveness

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Smart Archives Management

Smart Archives Management

By integrating IoT and artificial intelligence technologies, it enables unified and intelligent management of both physical and electronic archives.

Big Data Middle Platform

Big Data Middle Platform

It breaks down information silos, unleashes the value of data, and helps clients build unified, intelligent data asset management capabilities.

## Smart Park Solution

Smart Park Solution

Through the integration of IoT, big data, and AI technologies, it achieves intelligent operation and management of scenic areas and parks.

AI-based visual inspection system

AI-based visual inspection system

By utilizing "image capture + AI," it enables unmanned, high-precision automated inspection across multiple application scenarios.

Smart Archives Management

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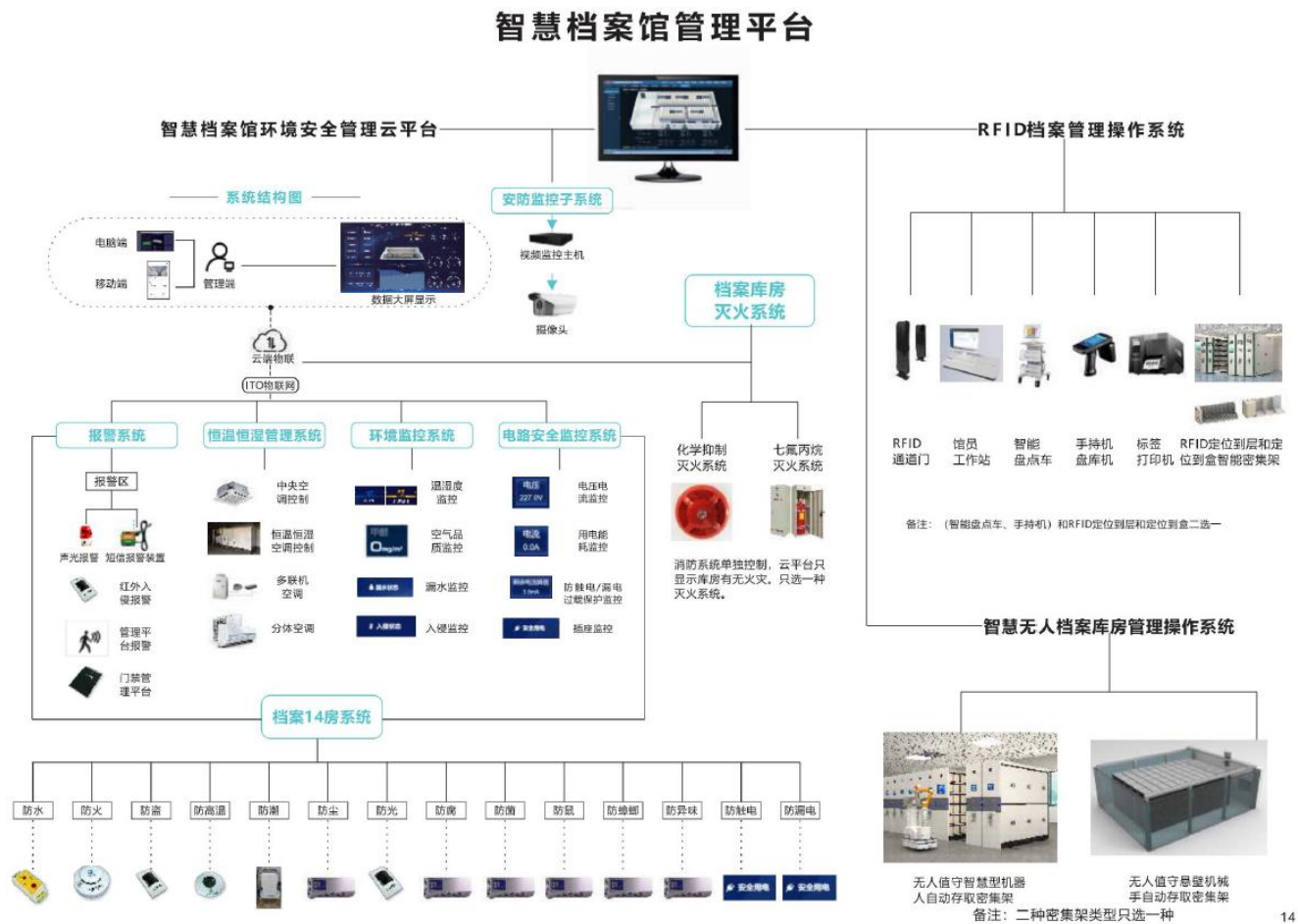
01 Archive Room Renovation

Complete the renovation of the archive room to meet the requirements for archival storage and management.

02 Archival Digitization and Processing

Digitize and organize existing archives to enhance the efficiency of archival retrieval and utilization.

03 Materials Relocation and Organization

Standardize the archive room to ensure orderly and secure storage of archives.

Smart Archives Management

Introduction of Smart Archive Cabinets

➢ The introduction of smart archive cabinets is a key initiative in archive room upgrades, significantly enhancing management efficiency and security. Utilizing advanced automation and intelligent control systems, these cabinets integrate high-density storage, fast retrieval, and intelligent management while optimizing space utilization.

➢ Featuring an intelligent search mode that combines manual and automated controls, the cabinets are equipped with 3D visual positioning and LED guidance to pinpoint exact sections and layers, streamlining document retrieval. Voice recognition further enables hands-free operation, boosting productivity.

➢ With built-in environmental controls such as temperature and humidity monitoring and automatic ventilation, the cabinets maintain a stable, dry, and odor-free storage environment to ensure long-term preservation of archives.
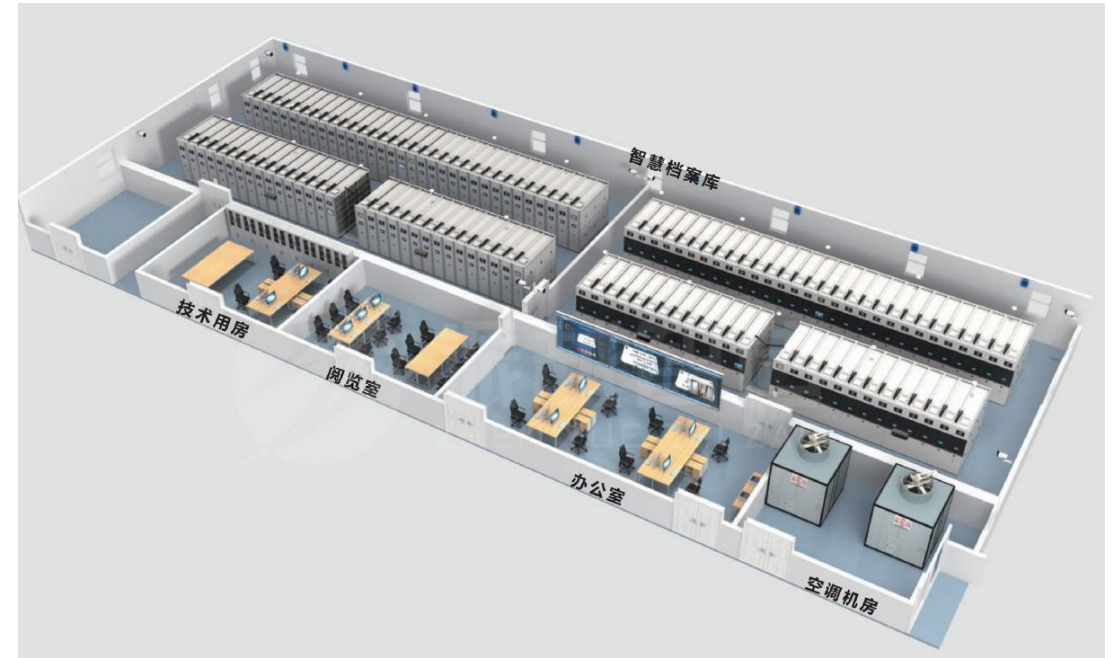
Smart Archives Management

Smart Archive Cabinet Reference

Smart Archive Cabinet Reference

Product Features

防虫防蛀　防火阻燃　防潮防霉　节能静音　表面防水易清洗　健康环保　安全　零甲醛　人体工学　搁板调节　智能

1、语音打开

用户可在库房内有效距离3米直接用语音命令词（小麦小麦和小芳小芳）唤醒密集架左右移动、关闭、通风、停止操作，

2、灯光标牌

采用PVC或玻璃材质的面板可自定义LOGO）大小为标准A4尺寸（210mm×297mm）

3、指纹和密码

具备固定列指纹和密码锁定、解锁功能，用户可通过指纹解锁进入管理员设置界面。关

4、无刷直流电机驱动

移动列采用≤150W的低压无刷直流电机驱动。▲采用快速启动、高速运行、轻柔合拢的柔性曲线运行方式。架体运行的最高速度、最低速度、提速及降速斜率用户可自由调整，标准80cm通道开启时间≤12秒

5、急停

具备架内急停按钮和脚踢开关的机械紧急停止方式。

6、安全保护

能准确检测两侧通道内架内人员数量信息，在架内有人时，自动锁定并禁止外面的人手摇及电动操作，架内无人时，自动解锁。架内有人时，液晶屏有图形化信息。架内人员检测应计数准确可靠，用户缓慢进入及快步进入等方式均能可靠计数。

7、侧板灯光

侧板中间安装二条LED灯，让产品更时尚美观

8、手动模式

停电情况下配置手摇打开。带电情况下，无论手摇还是电动，架体打开的距离均在当前列液晶屏上能显示。

9、架体运行

用户可通过液晶屏上的按键、全屏手指滑动（手指左滑，该列左移；手指右滑，该列右移；手指下滑，整个团体关闭；手指上滑，整个团体进入到通风状态。操作应灵敏可靠）

Smart Archives Management

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➢ The preliminary work of archive digitization involves archive sorting, in which classification, numbering, and cataloging are the components requiring specialized digital processing support.

➢ The workflow of archive digitization includes the following steps: Retrieval of archives from storage—Database creation—Pre-processing of archives—Archive scanning—Image inspection—Image optimization—Image naming and data quality check—Data acceptance—Data linking—Data backup—Binding and boxing—Archival return to storage

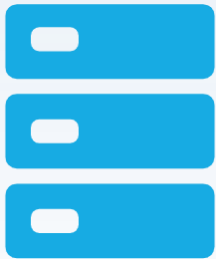The workflow diagram for archive digitization is as follows:

Smart Archives Management

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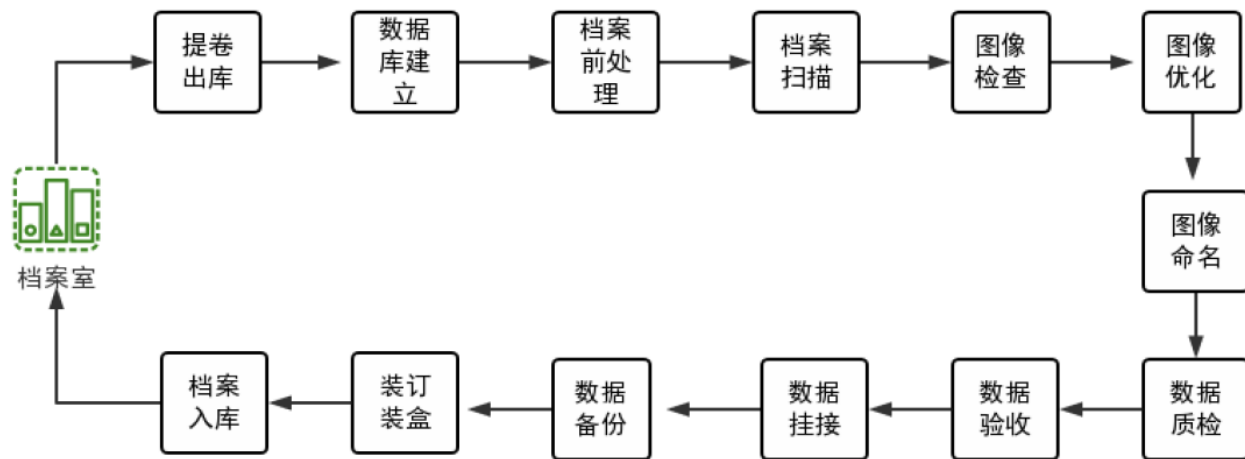
Data Cataloging

Import catalog files generated during the archive sorting process into the digital archive management system through batch import or individual entry.

Electronic Archive Data Linking

Batch link folders named according to archive codes (created during scanning) to establish one-to-one associations between cataloged data and electronic archives.

Physical Archive Linking

Within the digital archive management system, link the cataloged archive data to the physical storage locations of the archives, creating associations between electronic and paper archives.

Once successfully linked, during physical archive retrieval, the corresponding storage cabinet can be directly opened for integrated operations.

Smart Archives Management

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信创档案管理系统

首页 / 借阅管理 / 借阅管理

首页　档案检索 ×　目录检索 ×　档案著录 ×　目录著录 ×　● 借阅管理 ×

- 首页
- 档案管理
- 借阅管理
  - 借阅管理
- 审批管理
- 公告管理
- 档案设置
- 系统设置
- 档案统计
- 档案鉴定
- 数据备份
- 设置管理
- 扫描采集
- 页面搭建
  - 档案著录
- 回收站

| 档号 | 请输入档号 | | 借阅人 | 请输入借阅人 | | 借阅时间 | 开始日期 至 结束日期 | | 状态 | 请选择 |
| 密级 | 请选择 | | 身份证号 | 请输入身份证号 | | 联系方式 | 请输入联系方式 | | 借阅经办人 | 请输入借阅经办人 |

🔍 搜索　　↻ 重置

档号	状态	密级	借阅人	归还人	身份证号	联系方式	预计归还	借阅经办人	借阅时间	归还经办人	操作
001-WS-2024-D10-004	借阅中	公开	tom		45072120001003685X	18977712345	2025-01-03	admin	2025-01-03 10:19:10		归还 删除

共 1 条　　10条/页　　< 1 >　　前往 1 页

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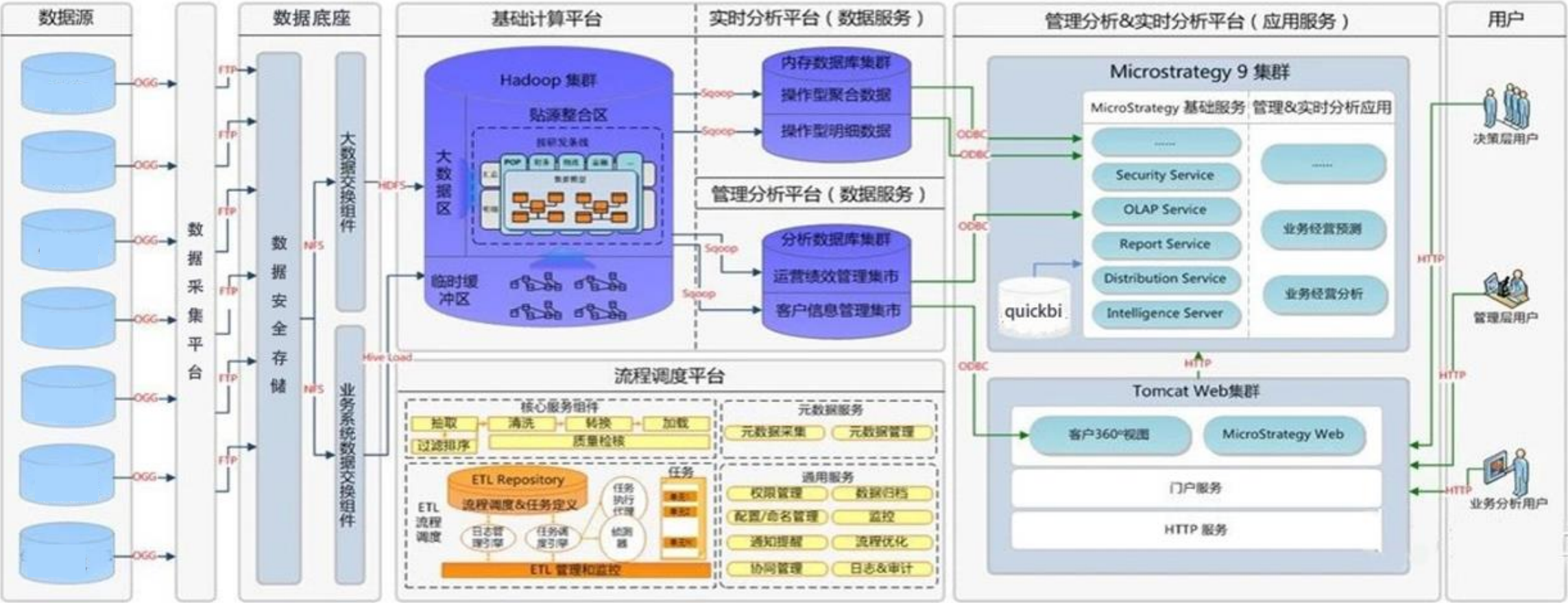
Big Data Middle Platform

System Architecture

Big Data Middle Platform

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Big Data Middle Platform

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Data Collection

Data Ingestion into Lake

Data Development

Data Modeling

Data Services

Business Intelligence

Big Data Middle Platform

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Smart Park Solution

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智慧路灯 环境监测 智慧井盖 智慧垃圾桶

单灯控制器　环境质量监测　井盖异动监测　垃圾桶检测
LoRaWAN　物联网网关

水质水位监测

水位传感器　各项水质指数传感器　物联网网关
LoRaWAN

信息发布系统

户外触摸屏　接入交换机

广播系统

室外仿真音箱　接入交换机

林火监测系统

远红外林火监测摄像机　接入交换机

报警管理系统

报警柱　接入交换机

4G通信　光纤连接

云平台

管控平台　物联网PaaS平台

中心机房

储存设备　流媒体管理　中心管理　无线AP管理器　管理电脑
报警管理　停车场管理　路灯管理　交换机　防火墙　IDS/IPS

应急指挥中心

MCU服务器　控制终端　DLP

互联网　光纤连接

智慧公厕

物联网网关　LoRaWAN　坑位感应　导航屏　异味监测传感器　坑位指示灯

4G通信

无线WIFI

接入交换机　全向室外无线AP

智能巡更

接入交换机　巡更采集器　巡更信息钮　巡更人员

智能停车场

接入交换机　地磁管理器　停车场控制　地磁探测器　车牌识别　道闸

视频监控系统 客流分析系统

接入交换机　无人机　无线探针　高清枪机　高清球机　高空鹰眼

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Smart Park Solution

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Park Data
Parking space occupancy, visitor volume, traffic flow, ticketing data, video surveillance data...

External Data
Meteorological data, OTA data...

Internet Data
Weibo, websites, forums...

Integrated Regional Data

Data Processing Platform

Tool Component Platform

Algorithm Service Platform

Data Analysis Platform

Park-Specific Analytics

Park Passenger Flow Analysis

Park Revenue Data Analysis

客流统计

用户画像

车流统计

游客消费

其他数据

➤ Unify Data, Break Silos, Enable Shared Integration

➤ Deliver a high-speed data platform with modular tools, intelligent algorithms, and customized analytics, providing parks with end-to-end data-driven solutions—from mining to decision-making.

Smart Park Solution

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Big Data Analytics

Integrated Control System

Unified GIS platform for centralized management of resources, devices, and operations.

Visitor Flow Analysis

Real-time analysis combining ticketing, surveillance, and monitoring data.

Vehicle Flow Analysis

Real-time parking and traffic monitoring to prevent congestion.

Ticketing Analysis

Comprehensive insights from OTA, manual, and self-service sales data.

Complaint Management

Track and analyze complaints by volume, resolution, category, and trends.

Online Review Analysis

Evaluate feedback from OTAs and social media to guide service improvements.

WiFi Analytics

Analyze visitor movement and behavior via connection data.

Holiday Monitoring

Monitor peak-season operations and identify management gaps through complaint analysis.

Smart Park Solution

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System Interface

Smart Park Solution

System Interface

AI-based visual inspection system

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AI-based visual inspection system Closed Loop

Part 1
Image Acquisition

Part 2
Image Preprocessing

Part 3
Feature Extraction and Analysis

Part 4
Result Output and Integration

High-resolution industrial cameras (megapixel to ten-megapixel range) paired with telecentric/industrial lenses and customized lighting systems to meet imaging requirements for industrial parts of varying materials and structures.

Algorithms for noise reduction and grayscale conversion to eliminate environmental interference and enhance image quality.

CNN-based convolutional neural networks extract dimensional features and convert them into actual dimensional data.

Real-time output of inspection results, synchronized with MES systems to enable automated sorting and parameter adjustments.
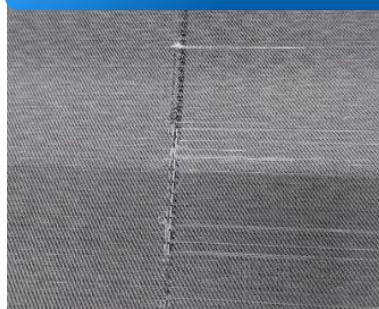
AI-based visual inspection system

磁石科技
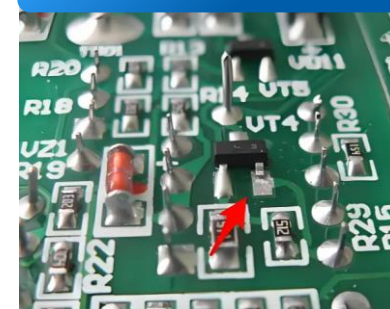
Surface Defect Inspection

Consumer Electronics

Accurately identify scratches, dents, spots, stains, oxidation, and discoloration on metal casings.

Textile Industry

Inspect fabric for broken warp/weft threads, stains, and color inconsistencies.

Semi/PCB

Inspect chip cracks, pin deformations, and solder joint quality.

Automotive Industry

Detect paint defects and scratches on vehicle bodies and components.

Pharmaceutical industry

Detect packaging defects in medicine bottles and label errors.

Food industry

Detect mold spots and surface damage on fruits.

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AI-based visual inspection system

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Automated Geometric Dimension Measurement

PCB

Measures circuit line width, spacing, pad dimensions, and hole positions.

Connectors

Measures pin coplanarity, spacing, and length.

Injection Molding & Stamping

模具精准检测

Measures product length, width, height, aperture size, etc.

Automotive Industry

Measures piston diameter, crankshaft journal diameter, and gear module.

Medical Devices

Measures surgical instrument blade angles, cannula diameter, and dimensions of microstructures.

AI-based visual inspection system

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Application Scenarios

Assembly Integrity Inspection

Consumer Electronics Assembly

Internal Component Presence Check

Detects missing or misplacement of chips, capacitors, resistors, connectors, etc.

Screw Fastening Check

Verifies if screws are tightened properly, checks for missing screws, thread stripping, or incorrect models.

Connector and Cable Assembly

Inspects whether FPC cables are fully inserted, clasps are securely fastened, and interface covers are properly installed.

Labels and Insulation Materials

Checks if IMEI labels, network access labels, insulating sheets, and thermal silicone pads are correctly applied without wrinkles or omissions.
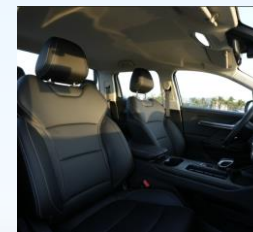
Automotive Parts Assembly

Engine/Transmission Assembly

Inspects whether sensors, wiring harness connectors, vacuum tubes, and bolts are fully and correctly installed.
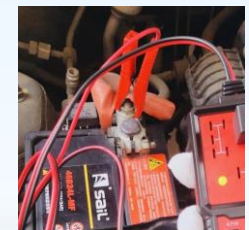

Airbag Module

Checks the assembly completeness and correctness of the airbag body, mounting brackets, and initiators.

Door/Seat Interior

Verifies whether audio speakers, armrests, control panels, safety buckles, etc., are properly installed without missing parts.

Electronic Control Unit

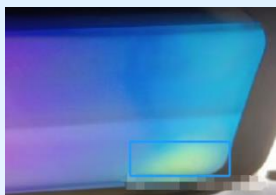Inspects whether relays, fuses, and connectors on the circuit board are correctly installed.

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AI-based visual inspection system

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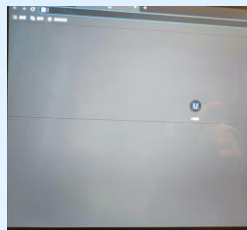## Optical Performance Testing

Display/Screen Optical Testing

Mura Defect Detection

Identifies uneven brightness or chromaticity under solid-color screens (e.g., clouding, edge dimming, yellow spots).

Point/Line Defect Detection

Detects dead pixels, bright spots, dark spots, short-circuit lines, etc.

Color Accuracy Testing

Measures chromaticity coordinates, color temperature, and color gamut coverage, comparing results with standard values.
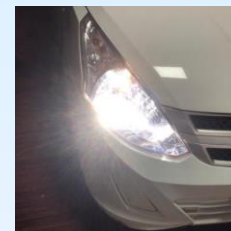

Flicker and Response Time Testing

Analyzes screen flicker and pixel switching speed via high-frequency image capture.

Automotive Lighting Optical Testing

Light Distribution Performance Testing

Evaluates the clarity and regulatory compliance of cut-off lines (low beam, high beam, DRL) and light pattern distribution.

Brightness and Uniformity Testing

Measures brightness distribution across the entire light strip or surface to ensure no over-bright or dark spots.

Color Consistency Testing

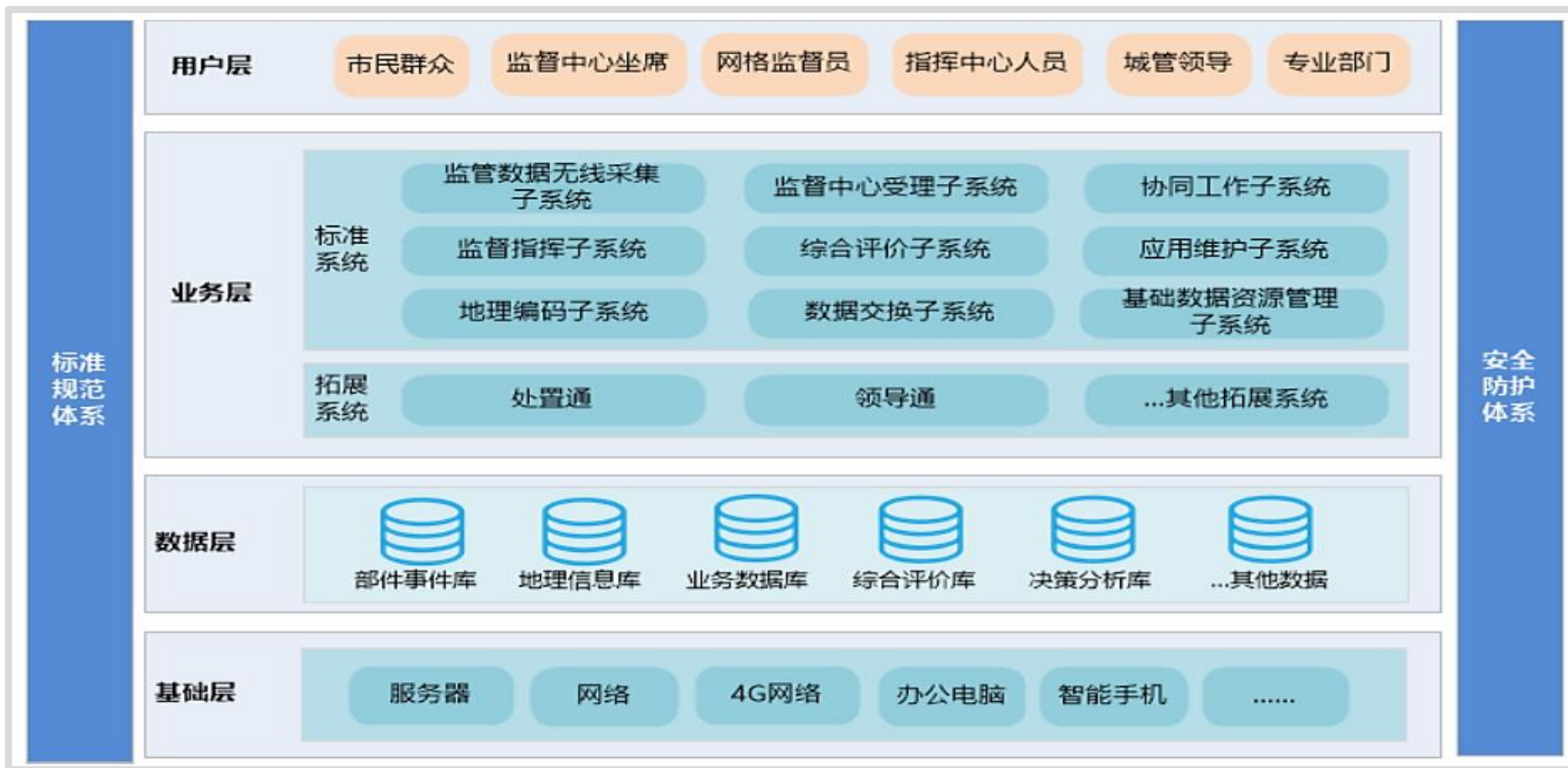Ensures uniform color across all LED sources (e.g., DRL white without blue/yellow deviation).

Magni-AI

Others

Solutions and Products

Smart Urban Management

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System Architecture

Smart Urban Management

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Grid Collaboration Subsystem

Assigns issues received by the unified service platform to relevant responsible units based on designated grids, accountability, and issue types.

Case Acceptance Subsystem

Cleanses cases from different sources and channels, completes case information, and submits them to the unified service platform for processing.

Mobile Application Subsystem

Enables reporting of various urban management issues via mobile apps and facilitates handling and feedback through the same platform.

Supervision, Command & Dispatch Subsystem

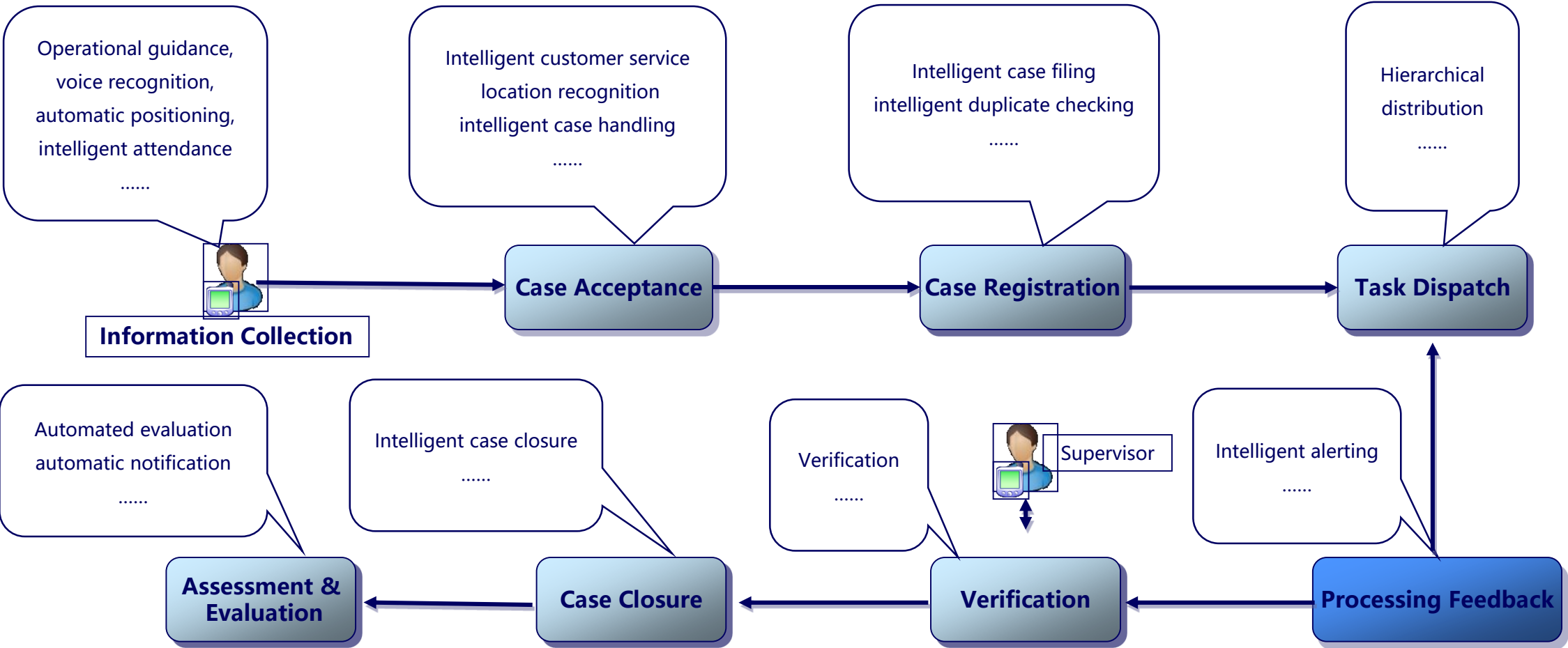Unifies and visualizes data from all systems (IT, dispatch, video) on a single map interface. Automatically links incidents to field teams for informed command decisions, with tools for real-time dispatch and resource visualization.

Comprehensive Evaluation Subsystem

Conducts assessments and evaluations of all responsible entities in urban management, generating visualized results in graphs, reports, and other formats.

Smart Urban Management

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Business Logic

Operational guidance,
voice recognition,
automatic positioning,
intelligent attendance
......

Intelligent customer service
location recognition
intelligent case handling
......

Intelligent case filing
intelligent duplicate checking
......

Hierarchical
distribution
......

Information Collection

Case Acceptance → **Case Registration** → **Task Dispatch**

Automated evaluation
automatic notification
......

Intelligent case closure
......

Verification
......

Supervisor

Intelligent alerting
......

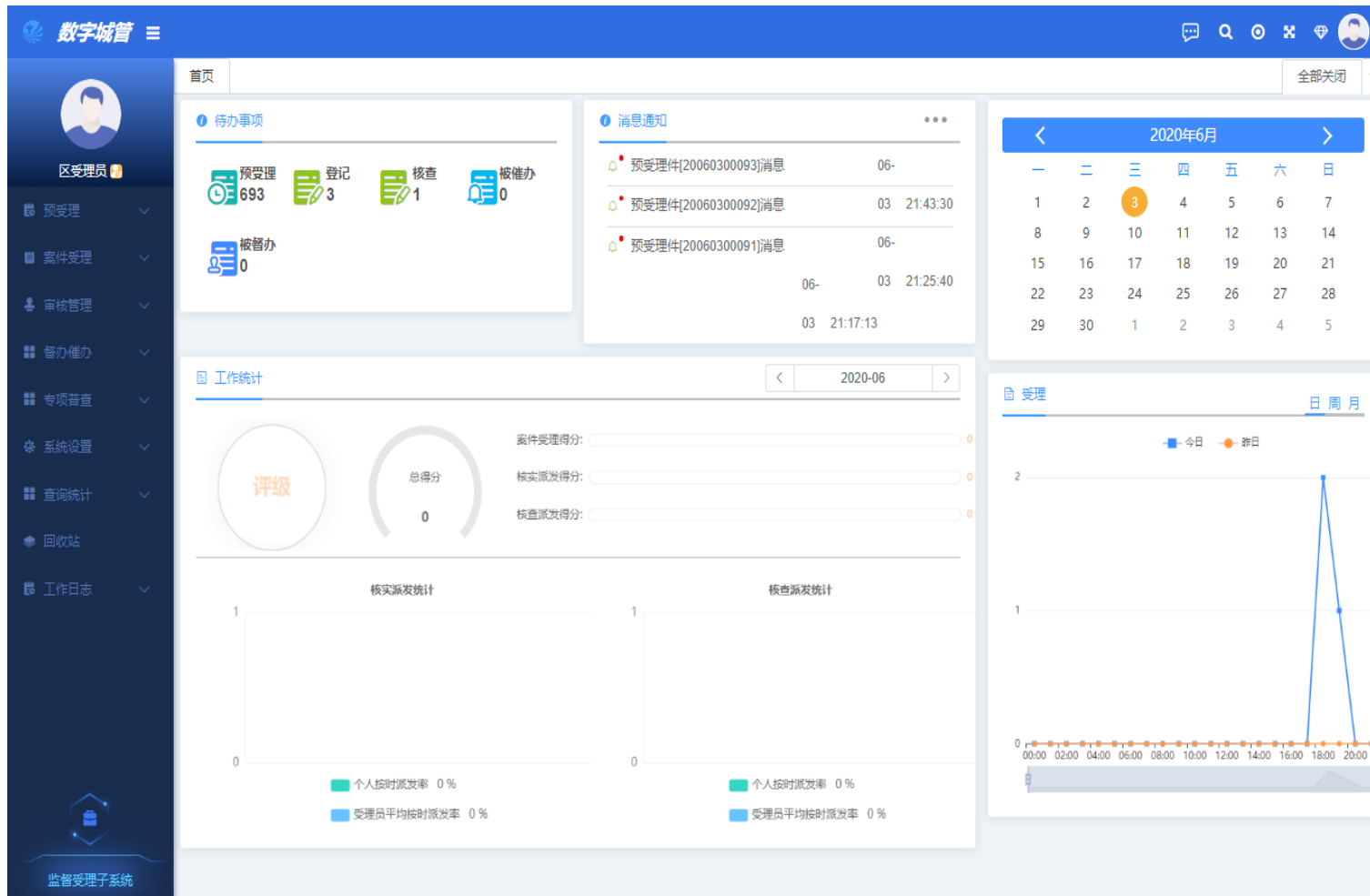**Assessment & Evaluation** ← **Case Closure** ← **Verification** ← **Processing Feedback**

Smart Urban Management

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Establish a long-term urban management mechanism

Enable public participation, transparency, and oversight, with clearly assigned responsibilities. Proactively identify issues to achieve standardized and institutionalized urban governance.

Improve urban management efficiency

Enable timely problem detection, accurate task dispatch, and prompt resolution. Strengthen departmental capabilities and clarify administrative responsibilities for more precise management.

## Promote collaboration among urban management departments

Drive institutional reform and process reengineering. Establish a supervision and evaluation system to integrate management resources and enhance oversight effectiveness.

Generate direct economic benefits

Reduce redundant data collection across government and enterprise departments, lower labor costs, and improve information utilization and timeliness.
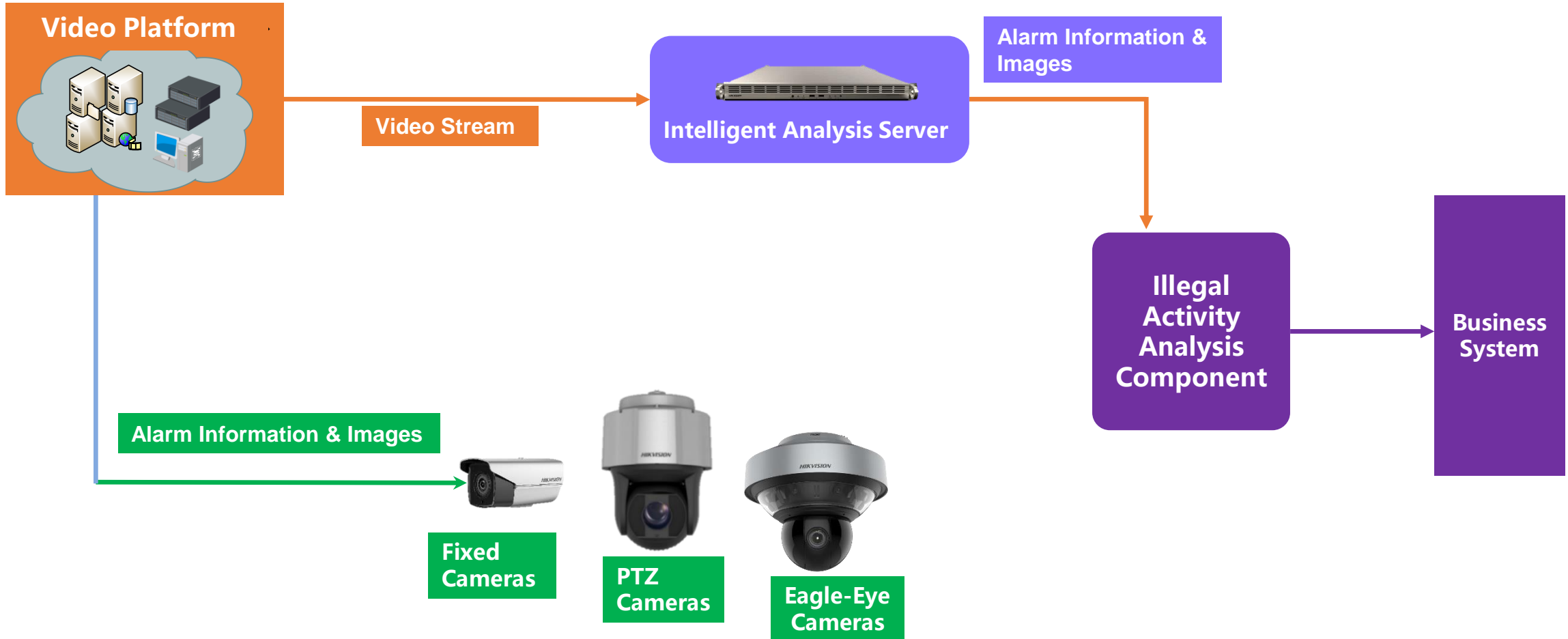
Video Surveillance System

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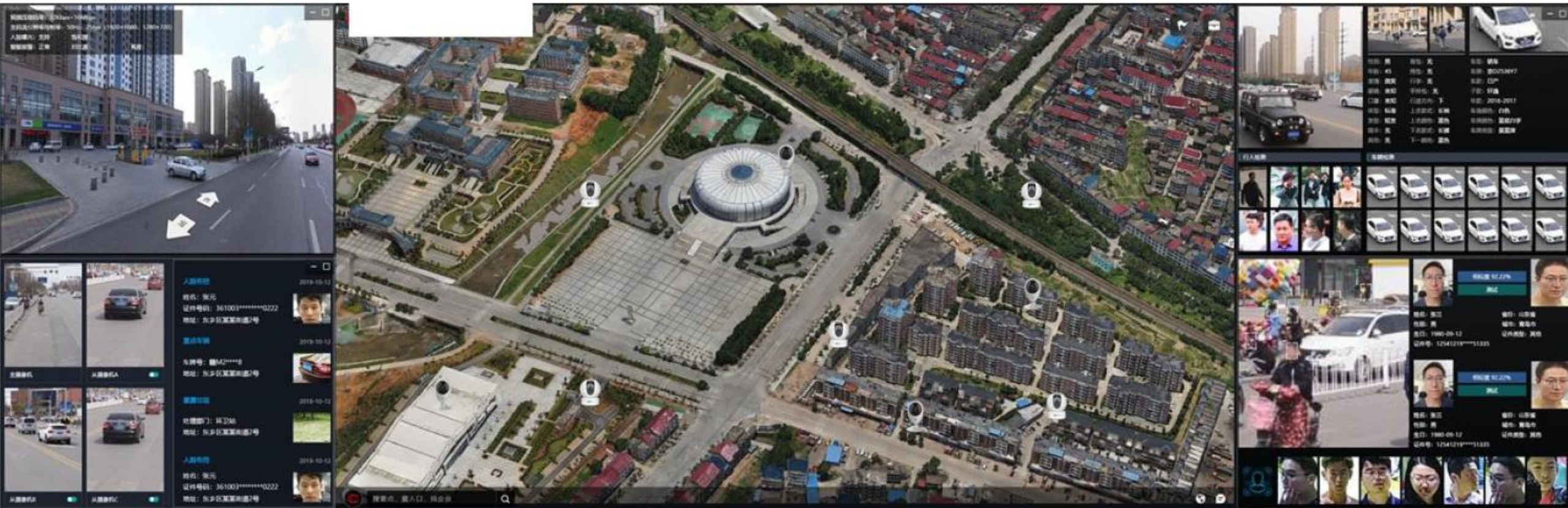
- ☐ Illegal Parking Detection
- ☐ Wrong-Way Driving Detection
- ☐ Key Area Monitoring

- ☐ Garbage Exposure Detection
- ☐ Material Piling Detection
- ☐ Muck Truck Detection

- ☐ Smoke and Fire Detection
- ☐ Pedestrian Flow Analysis
- ☐ Vehicle Flow Analysis

- ☐ Illegal Vendor Detection
- ☐ Target Trajectory Analysis
- ☐ Face Recognition & Clustering

M a g n i - A I

Video Surveillance System

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Video Platform

Video Stream →

Intelligent Analysis Server

Alarm Information & Images →

Illegal Activity Analysis Component

Business System

Alarm Information & Images →

Fixed Cameras

PTZ Cameras

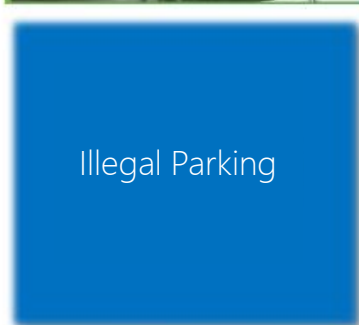**Eagle-Eye Cameras**

Video Surveillance System

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Restricted Zone Monitoring

Non-motorized Vehicles in Motor Lanes

Jaywalking Detection

Illegal Parking

Fire Lane Occupancy

Storefront Encroachment

Garbage Accumulation Detection

Smoke and Fire Detection

Mobile Vendor/Unauthorized Stall Occupation

Magni - AI
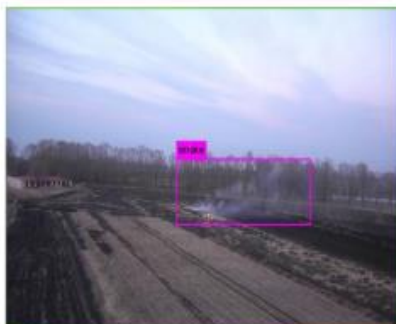
Video Surveillance System

AI Recognition

Road Occupation Business

Mobile Vendor

Bulk Waste

Garbage Accumulation

Waterlogging

Motor Vehicle Illegal Parking

Video Surveillance System
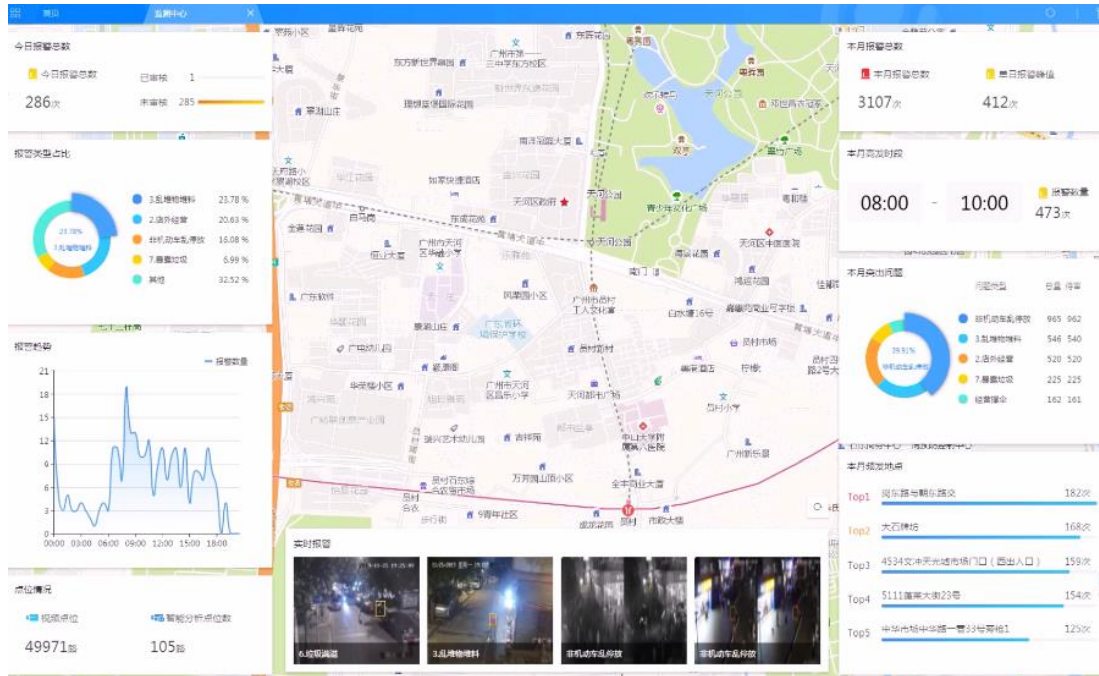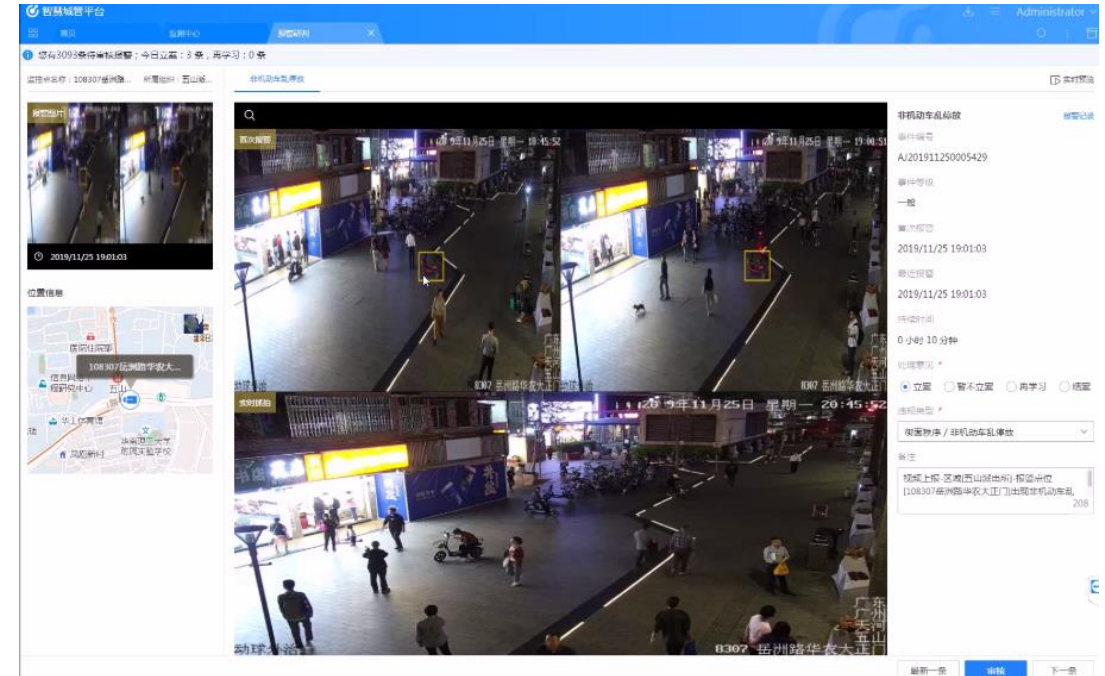
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System Interface

Road Occupation Business

Early Warning & Prediction

➢ Covers seven key scenarios including waterlogging, unlicensed vending, storefront encroachment, and illegal parking.

➢ Offers monitoring, trend analysis, reporting, and statistical functions, supported by features like image comparison, multi-rule mapping, and an evidence chain database.

Smart Community

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应用层

社区治理
网格管理	重点人群管理
AI预警	事件处理
社区安防	电梯安防
智能井盖	社区党建
群众随手拍	………

便民服务
智慧灯杆	智慧健身步道
智慧家庭	适老改造
社区教育	社区快递柜
无人售卖	室外呼叫定位
健康小屋	………

物业管理
智慧物业	无感通行
智慧停车	垃圾分类
生活缴费	故障保修
信息发布	投诉建议
家居保洁	………

商业运营
招商引资	商家入驻
广告管理	活动运营
商业贷款	商圈服务
精准营销	摊位管理
二手市场	………

平台层

社区治理平台	便民服务平台	物业管理平台	商业运营平台

运营管理平台

OneCity底座

统一认证	数据中台	AI算法	设备管理	视频中台	集成平台等

基础设施

感知网络
宽带网络	无限WiFi	4G/5G	专线网络

终端设备
安防设备	老幼看护设备	智能家居设备	环境监测设施	物联感知设备等

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➤ **Key Event Alerts**

Shows warnings for suspicious individuals, security/fire emergencies, equipment failures, etc.

➤ **Real-time Community Data**

1) Resident flow & access records
2) Incident statistics & handling status
3) Equipment status & malfunction reports
4) Housing occupancy & vacancy rates
5) Commercial tenant analytics & lease status

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Security Management

Core Functions

- **Video Surveillance**
- Live monitoring, playback, and alarm management, serving as the "eyes" for site security.

- **AI Smart Alert**
- Detects intrusions, obstructions, crowding, e-bikes in elevators, and objects thrown from heights, with predefined alert rules for visualized incident handling.

- **Face Recognition Control**
- Manages face databases and monitoring plans to identify key/stranger/frequent persons, track trajectories, and review recognition records.

- **Smart Patrol**
- Supports electronic and video patrols with configurable routes/plans, record tracking, and abnormality reporting, enabling remote video patrols and on-site QR-code checks.

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|	
人/房/单位/车 实有库	

档案管理	一人一档	常住人口比对	暂住人口比对
	一房一档	上访人员/车辆分析	前科人员/车辆分析
	一车一档	高频人员/车辆分析	昼伏夜出分析

标签管理		访客分析	窝点分析
属性标签	行为标签	民族分析	重点人员/车辆布控
前科/上访	高频出入	出租房/群租房分析	房屋性质变更分析
独居老人等	昼伏夜出	新进/搬离人员分析	老年痴呆人员分析
......		重症精神病患分析	孤寡老人分析等

感知事件视频
等轨迹信息

上访人员预警	前科人员预警
高频预警	窝点预警
在逃人员告警	

少数民族人员	重点人员	出租房	流动人口
孤寡老人预警		流动人口	
精神病患预警		痴呆人员预警	

任务线索-进出规律/照片/视频/关联人/时间/地点

Data Collection → **Modeling & Analysis** → **Alert Output**

➢ Integrates trajectory and operational data to model and analyze key populations, enhancing frontline capacity for targeted early warning, control, and support services.
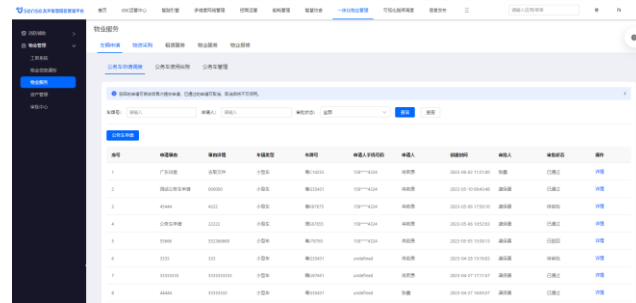
Smart Community

## Property Management

Core Functions
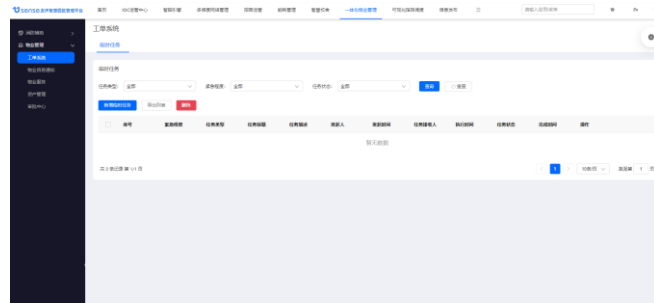
- **Work Order System**
- Create work orders, set priorities/task types/schedules, track status—enabling precise control and improved efficiency.

- **Property Services**
- Handle repairs, leasing, procurement, and vehicle management with full digital tracking for closed-loop, auditable service.
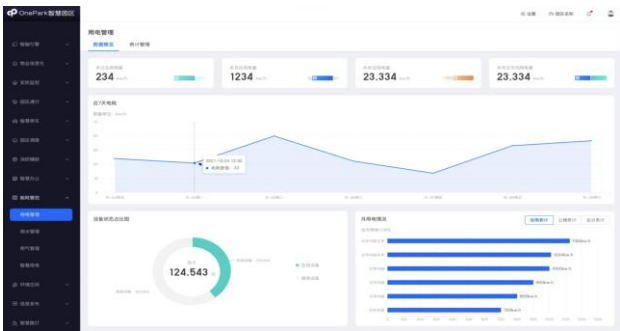

- **Asset Management**
- Track assets via inventory, check-in/out, records, and categorization—establishing a traceable, full-lifecycle model.
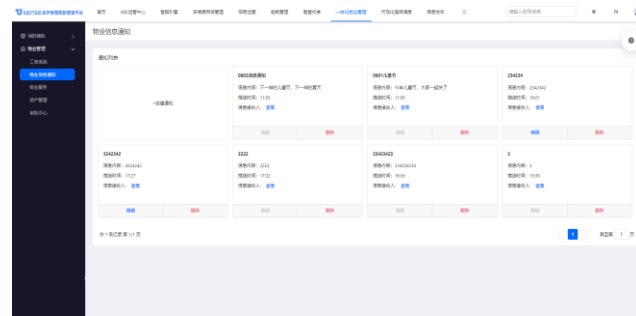
- **Notifications**
- Customize community notices, assign approvers, and view history for timely platform/mobile alerts and faster response.
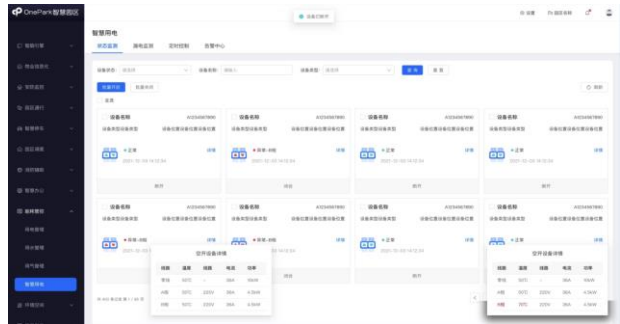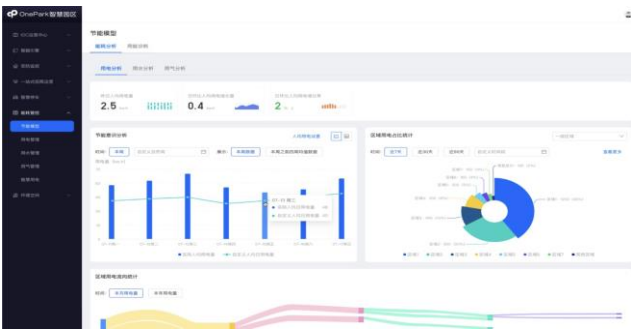
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Energy Management

Core Functions

- **Energy Consumption Monitoring**
- Real-time tracking of water/electricity/gas usage with meter management and threshold alerts to reduce waste and costs.

- **Smart Circuit Breaker Control**
- Remote monitoring, scheduled on/off control, and status logs to prevent energy waste and electrical fires.

- **Energy Analysis**
- Review consumption per capita, regional usage patterns, and efficiency suggestions to identify anomalies and support energy-saving plans.
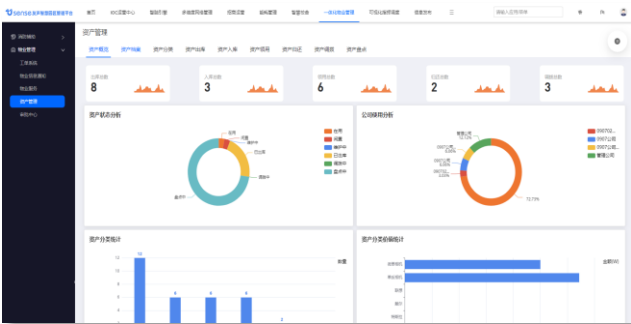
- **Alert Integration**
- Real-time detection of line/terminal issues with tri-level alerts and automated work orders to ensure safety and extend equipment life.

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网格员巡查

群众随手拍

舆情监测

12345热线

领导交办

网格员 事件上报 → 受理员 事件受理 → 分派员 事件分派 → 处置员 事件处置

处置员 反馈结案

事件过程数据统计

考核评价数据统计

事件数量统计 事件来源分布

事件平均响应时长 网格员排行

城市管理

网格员

消防

应急

公安

Multi-channel Reporting

Event Dispatch Center
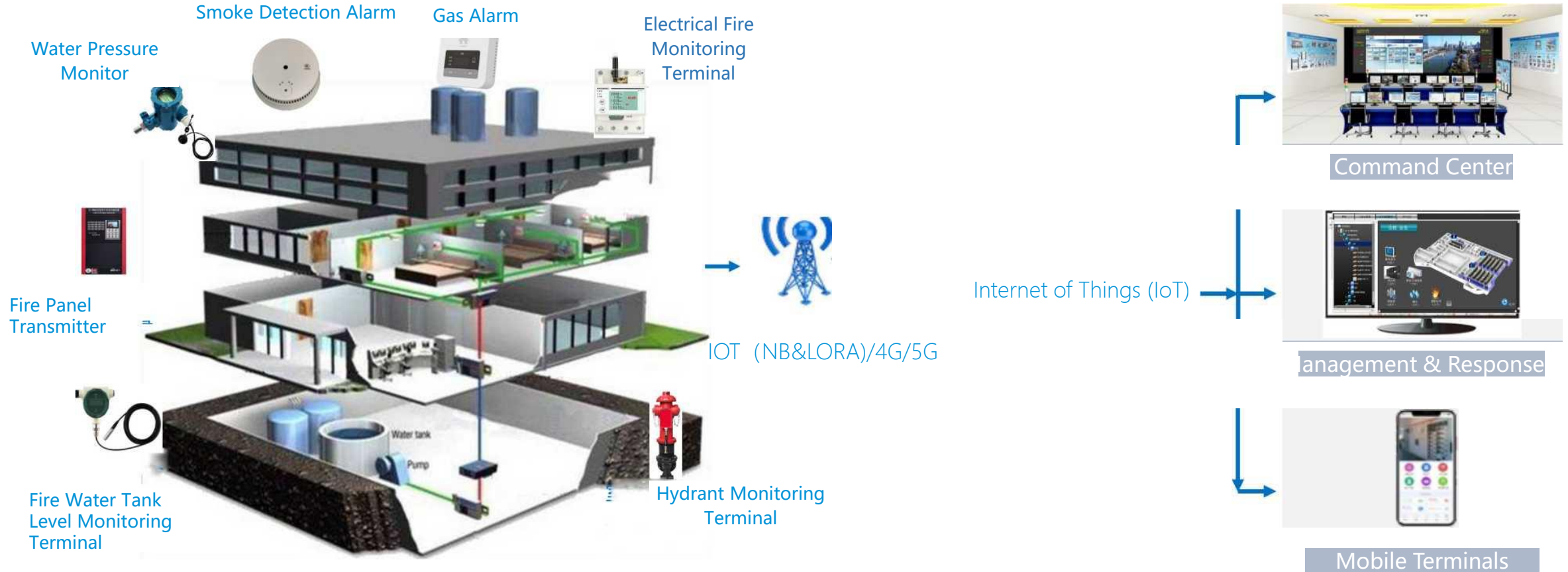
Collaborative Resolution

Achieves closed-loop event management (report → assign → resolve → evaluate), enabling cross-department and multi-level coordination to enhance grassroots governance. This integrated service-governance model ensures minor issues stay within community grids and major issues are contained at the neighborhood level.

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Smart Fire Protection Solution

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Framework

Water Pressure Monitor

Smoke Detection Alarm

Gas Alarm

Electrical Fire Monitoring Terminal

Fire Panel Transmitter

IOT (NB&LORA)/4G/5G

Internet of Things (IoT)

Command Center

Management & Response

Fire Water Tank Level Monitoring Terminal

Hydrant Monitoring Terminal

Mobile Terminals

Leveraging IoT technologies, a unified smart fire protection platform provides 24/7 real-time monitoring of electrical, gas, and smoke hazards in communities. Upon detecting risks, the system automatically issues multi-level alerts to residents, neighbors, and grid staff, shifting from passive response to proactive prevention. This enables a transition from human-based to intelligence-driven fire safety, significantly enhancing urban early warning and emergency response capabilities.

Smart Fire Protection Solution

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Integrated Security-Firefighting System

1 **Alert Initiation**

Fire alarms trigger alerts, but manual verification can be delayed by unclear locations, access routes, or communication issues, increasing fire risk.

2 **Verification & Confirmation**

Upon alarm activation, sensors trigger nearby cameras to automatically display live feeds at the command center, enabling guards to quickly verify incidents and launch emergency protocols.

3 **Automated System Response**

The security system unlocks all exits in the affected area and opens pedestrian/vehicle barriers to facilitate rapid evacuation.

4 **Multi-department Mobilization**

Sends SMS alerts to affected individuals, provides escape guidance via broadcast, and escalates to fire departments based on incident severity.

Centered on event-driven integration, it combines video patrols, fire-security linkage, and barrier control. With features including centralized management, visual monitoring, flexible coordination, and decision support, it enables intelligent and visible community safety management, comprehensively enhancing security efficiency and protecting lives and property.

Smart Fire Protection Solution

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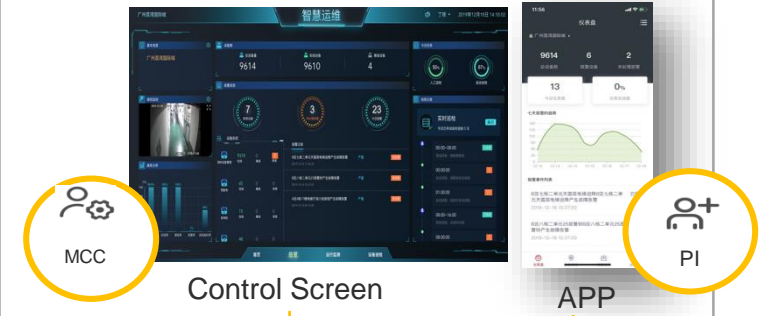**1** Configure alert rules and severity levels.
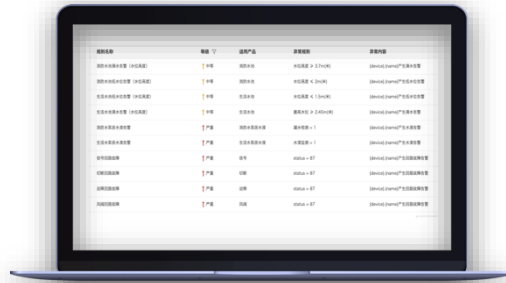
PM

2 Alerts trigger when operational data meets rule criteria.

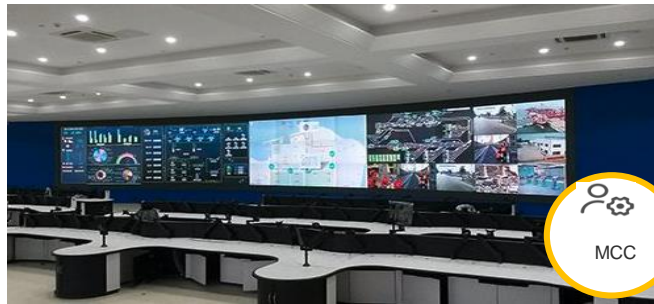**3** Multi-level notifications based on severity .

MCC Control Screen APP PI

3.1 Monitor alerts centrally and drill down to buildings/equipment rooms.
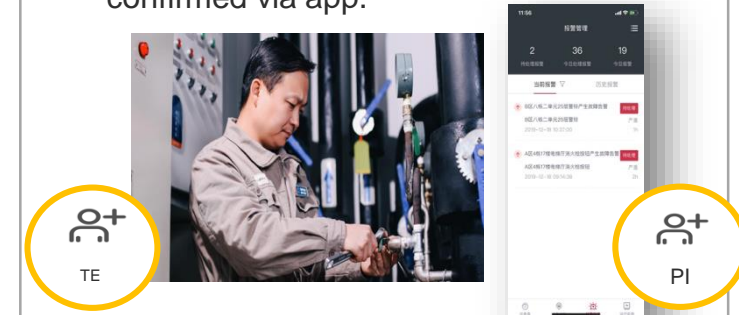

MCC

3.2 Dispatch personnel based on real-time equipment data.

MCC

4 On-site resolution with completion confirmed via app.

TE PI

Closed-loop Fire Monitoring： This system covers the full process—from setting rules in advance and real-time monitoring during events to automated notifications afterwards—ensuring orderly management through controlled information flow.

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Smart Fire Protection Solution

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Manual & Automated Inspections

① Create inspection tasks linked to check items.
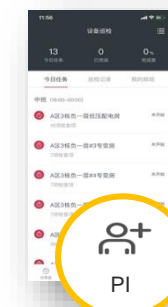

② Set inspection schedules and assign tasks.

PM

Manual Inspection Scheduling

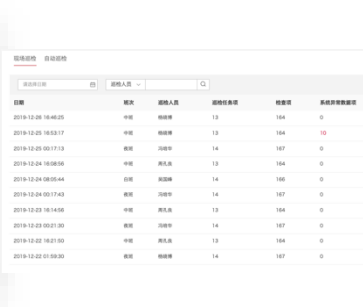**3.1** Manual Inspection Scheduling：
Add schedules -link inspection tasks.

PM

AI Video-Based Smart Inspection Setup

3.2 System creates inspection tasks with defined scope.

PM

Manual On-site Inspection

3.1.1

PI

Generate Inspection Report

3.1.2
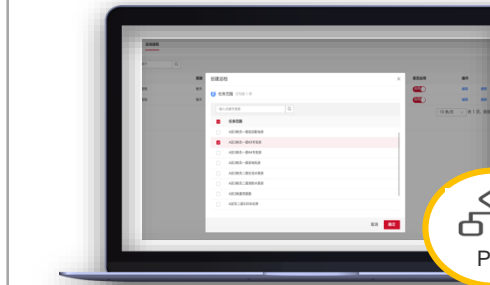
System Automated Inspection Generate Inspection Report

3.2.1 Inspections are completed automatically on schedule, and reports are generated.
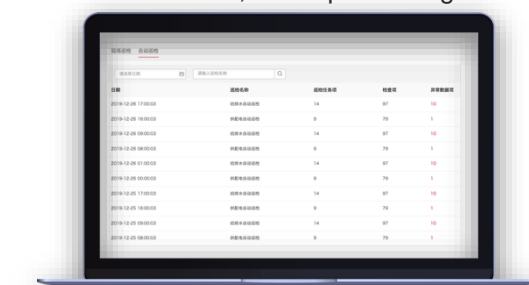
PMC   PM

④ PMC、PM、MCC

All relevant parties have access to daily inspection summaries and reports.

Smart Parking

Unattended Solutions

Smart Parking

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Information Registration

①

- **Community Management Client**
- Owner Vehicle Registration
- APP Visitor Vehicle Reservation Entry

Residential Vehicle Entrance

②

- Licensed Vehicle Recognition Entry
- Unlicensed Vehicle QR Code Scan Entry
- Exception Call Center
- Personnel Intrusion Alarm
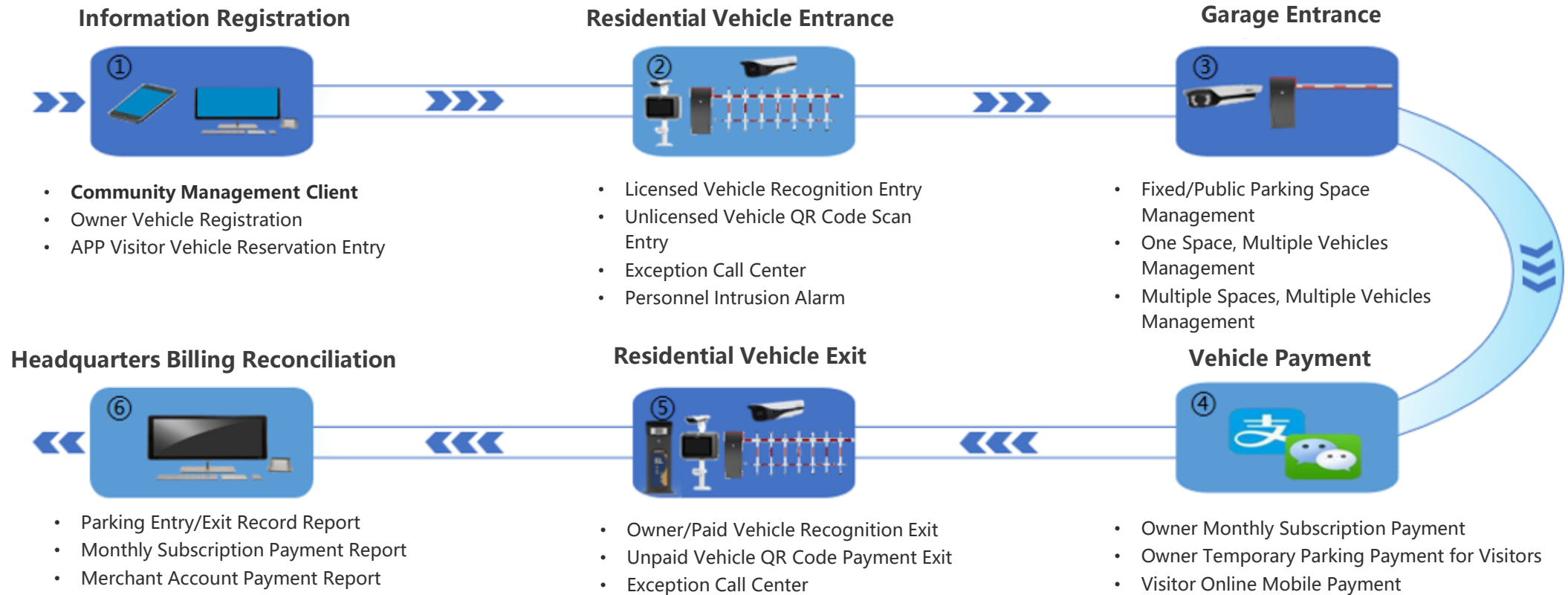
Garage Entrance

③

- Fixed/Public Parking Space Management
- One Space, Multiple Vehicles Management
- Multiple Spaces, Multiple Vehicles Management

Headquarters Billing Reconciliation

⑥

- Parking Entry/Exit Record Report
- Monthly Subscription Payment Report
- Merchant Account Payment Report

Residential Vehicle Exit

⑤

- Owner/Paid Vehicle Recognition Exit
- Unpaid Vehicle QR Code Payment Exit
- Exception Call Center

Vehicle Payment

④

- Owner Monthly Subscription Payment
- Owner Temporary Parking Payment for Visitors
- Visitor Online Mobile Payment

This system provides smart management of the entire vehicle process—from information registration and entry to parking, self-service payment, and exit. It enables fast vehicle recognition and access, supports unattended entry points, and allows self-service registration upon arrival and self-service payment upon departure.

Smart Parking

Other Unattended Application Scenarios

Office Buildings

Large Commercial Plazas

Airports/Train Stations

Urban CBD Centers

Suitable for CBD core areas, urban complexes, large commercial squares, transportation hubs, major public venues, and other locations that integrate commercial, office, leisure, and residential functions.

Card-Free Access

➢ License plate recognition verifies vehicle identity.

➢ Enables card-free, non-stop entry and exit, improving traffic efficiency.

➢ Offers standard-speed, fast, or high-speed barrier gates for different scenarios.

➢ Supports optional LED guidance systems at entrances/exits.

Unattended Parking

➢ Unmanned Parking Facility

Thank you for your attention!

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