Arccocc Cloud Artificial Intelligence Computer Vision

Arccocc Cloud AI CV

Arccocc Cloud development engine supported by Full Sensing, Full Intelligence, Full Computing, and Full Ecosystem (4 Full) capabilities.

It realizes the construction of a " 1 platform, 2 centers, N applications " (1+2+N) new smart city framework for application at the city, industry, and commercial level.
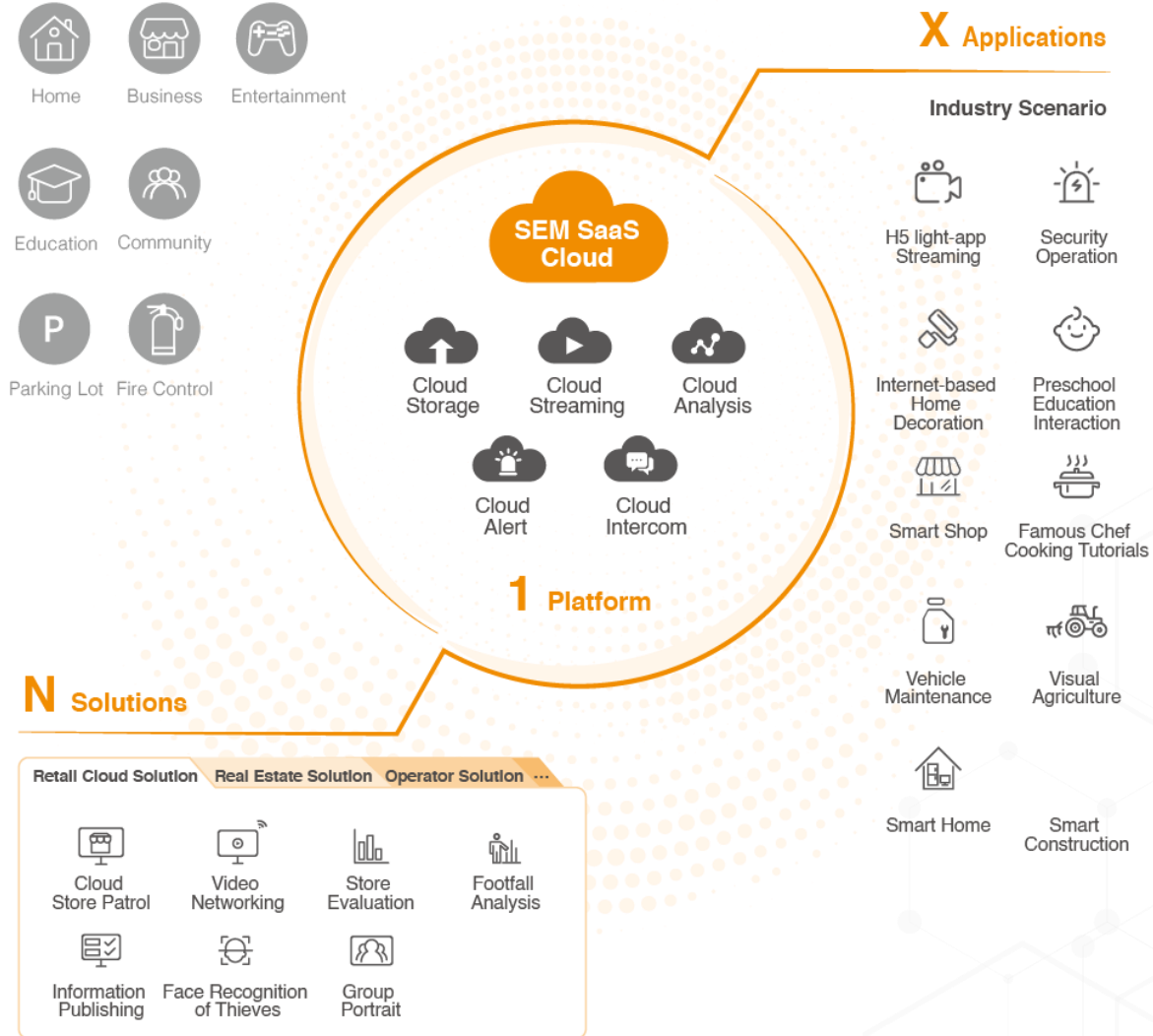
Arccocc design based on giving cities '4 Full' capabilities to drive urban development, achieving " improve efficiency, increase benefit and optimize experience," and in-depth design principles based on " solving customer business pain points and creating economic, social, and business value through scientific and orderly construction and operation from a global perspective."

ARCCOCC CLOUD 1+N+X SOLUTIONS

X Applications

Industry Scenario

H5 light-app Streaming

Security Operation

Internet-based Home Decoration

Preschool Education Interaction

Smart Shop

Famous Chef Cooking Tutorials

Vehicle Maintenance

Visual Agriculture

Smart Home

Smart Construction

Home

Business

Entertainment

Education

Community

Parking Lot

Fire Control

SEM SaaS Cloud

Cloud Storage

Cloud Streaming

Cloud Analysis

Cloud Alert

Cloud Intercom

1 Platform

N Solutions

Retail Cloud Solution | Real Estate Solution | Operator Solution | ...

Cloud Store Patrol

Video Networking

Store Evaluation

Footfall Analysis

Information Publishing

Face Recognition of Thieves

Group Portrait

4 FULL CAPABILITIES

FULL SENSING
Value creation through online sensing
of objects and scenes

Employs "video-centric" smart IoT technology, products, and solutions to focus on customer business scenarios and build a professional and efficient sensing network.

FULL COMPUTING
Value creation through scenario-based
computing capabilities

Based on deep understanding of business needs, it provides customers with top-level planning and in-depth design capabilities, and enables the network deployment of computing power from a single point to local and then to global, satisfying customers' needs for the optimal pairing of algorithms and computing power across the entire business network.

FULL INTELLIGENCE
Value creation through enabled
intelligent setup

Focuses on "solving customer business pain points and creating customer value" to provide customers with a full range of smart products, solutions, and network architecture capabilities, and to achieve the upgrade and transformation of Ai-empowered customer service.

FULL ECOSYSTEM
Value creation through the
ecosystem's all-win success

Utilizes advantages in video-centric smart IoT products and solutions, and takes a far-reaching attitude of openness and cooperation to create value for customers, achieving all-win results.

SAFE CITY

The Arccocc Cloud Safe City Solution gains in-depth insight into various types of policing and police affairs operations, which improves intelligence acquisition and operational capabilities of the police. It creates a new "online police" model that enhances prediction, early-warning and prevention capabilities of the police, as well as their accurate crime fighting and dynamic management, comprehensively improving their information-based operation and work efficiency.

Solution Value

Improve the ability of police intelligence and practical applications.

- ❖ Reduce new cases
- ❖ Increase case closure rate and efficiency
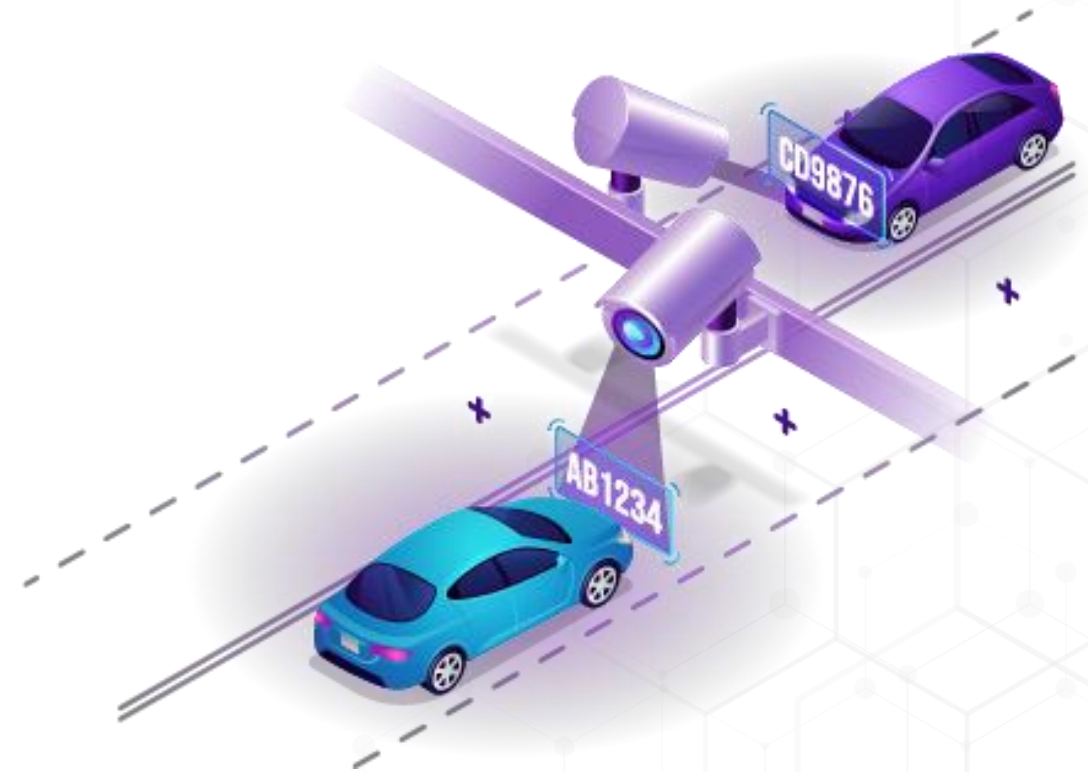- ❖ Improves one-stop service, quickly recovers lost people
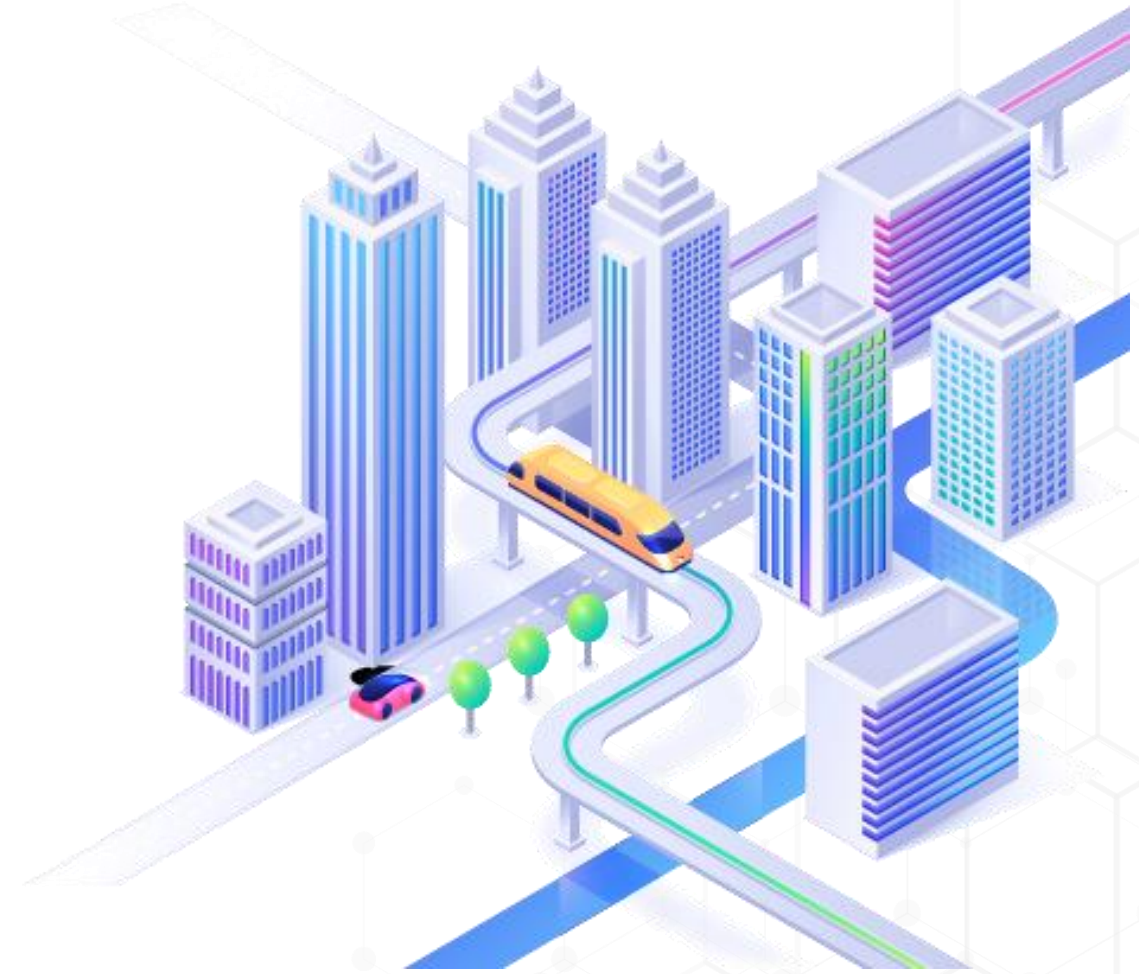
SMART TRAFFIC

The Arccocc Cloud Smart Traffic Management Solution deeply integrates with traffic management tasks to enhance traffic control and command operations capabilities. The solution serves as a powerful driver of traffic management optimization and traffic management efficiency improvement through a "4-in-1" modern service mechanism led by intelligence research, efficient flat command operation, precise maneuvering, and real-time supervision and control.

Solution Value

❖ Decline in Traffic Accident Rate
❖ Decline in Traffic Congestion Index
❖ Decline in Traffic Violation Rate
❖ Improvement in Traffic Command Efficiency
❖ Accuracy in Police Resources Allocation

SMART TRANSPORTATION

The Arccocc Cloud Smart Transportation Solution utilizes big data, intelligence, visualization and other means on transportation vehicles, hub stations and travelers for aviation, rail transit, highway, public road, transport, railway, and ports. It promotes travel convenience and safety, improving the security in the comprehensive transportation industry, travel service, as well as business level of operation efficiency.

Solution Value

❖ Diversified data sharing, accurate detection and early warning enhance transportation safety and business efficiency.

❖ Multidimensional data fusion and decision-making assistance facilitate transportation travel services.

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SMART INDUSTRIAL PARK

The Arccocc Cloud Smart Industrial Park Solution extends the IoT application to the business scenarios of industrial parks, relying on AI technology to realize intelligent upgrade of people, vehicle and object management. In addition, it creates a big data platform to achieve "data integration, situation visualization and incident control," helping industrial parks upgrade their level of safety, increase work efficiency, and reduce management costs.

Solution Value

Enhances Level of Safety
AI empowerment achieves accurate early-warning and convenient post-investigation.

Improves Work Efficiency
Online fusion and calculation of people, vehicles, and objects makes operation accurate, visual and highly efficient.

Reduces Management Costs
Replaces workers with machines to improve operation and management efficiency with streamlined staffing.

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SMART LOGISTICS

The Arccocc Cloud Smart Logistics Solution focuses on the four main processes of logistics – transportation, warehousing, transit and distribution – in order to provide a scenario-based end-to-end solution around the three major businesses of security, operation and management by using automation, intelligence, and visualization means in managing people, vehicles, goods and cargo areas. It enhances safety and prevention capabilities of logistics companies, assists in business operation and management, and improves logistics quality and efficiency.

Solution Value

Automated Operation
Improves cargo transfer efficiency, reduces manpower, improves safety and work accuracy of staff and goods, and enhances emergency response efficiency.

Business Intelligence
Uses AI, deep learning and other technologies to cover the security, operation and management of logistics enterprises, realizing the intelligence of logistics business.

Management Visualization
Assists logistics enterprises to achieve digitalized and visualized operation and management, and to improve effective supervision, timely warning and accurate decision-making.

SMART RESIDENTIAL AREA

The Arccocc Cloud Smart Residential Solution consists of diversified modules, such as video surveillance, video intercom, access control, perimeter protection, personnel management, vehicle management and multi-community management etc., aiming to create comfortable, safe and high-quality community, increase management efficiency and reduce labor costs.

Solution Value

Creates Highly Secured Community
Diversified protection based on different scenarios; powerful information integration via open platform

Enhances Living Experience and Satisfaction
Cardless access to enter/exit; online management; privacy protection

Cost-Effective Property Management Services
Centralized management of multiple communities; smart management of people and vehicles; convenient services

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SMART RETAIL

The Arccocc Cloud Smart Retail Solution takes actual store scenarios as the entry point, combined with smart sensing technology and integrated platform to help retailers achieve business intelligence. Based on data analysis of people, goods and scenes, it provides intelligent data support for store management, precision marketing, trend forecasting, etc., assisting retailers in increasing operation efficiency and reducing costs while ensuring safety and preventing losses.

Solution Value

Distributed Architecture
Convenient and efficient remote management of multiple stores

Intelligent Scene
Improve management efficiency and service accuracy

Data Collection
Collect Data from activated off-line scenarios

Data Analysis
Data mining achieves precision marketing

Operations Handling
Connect valuable data to achieve closed-loop

Open Platform
Empower partners with smart applications
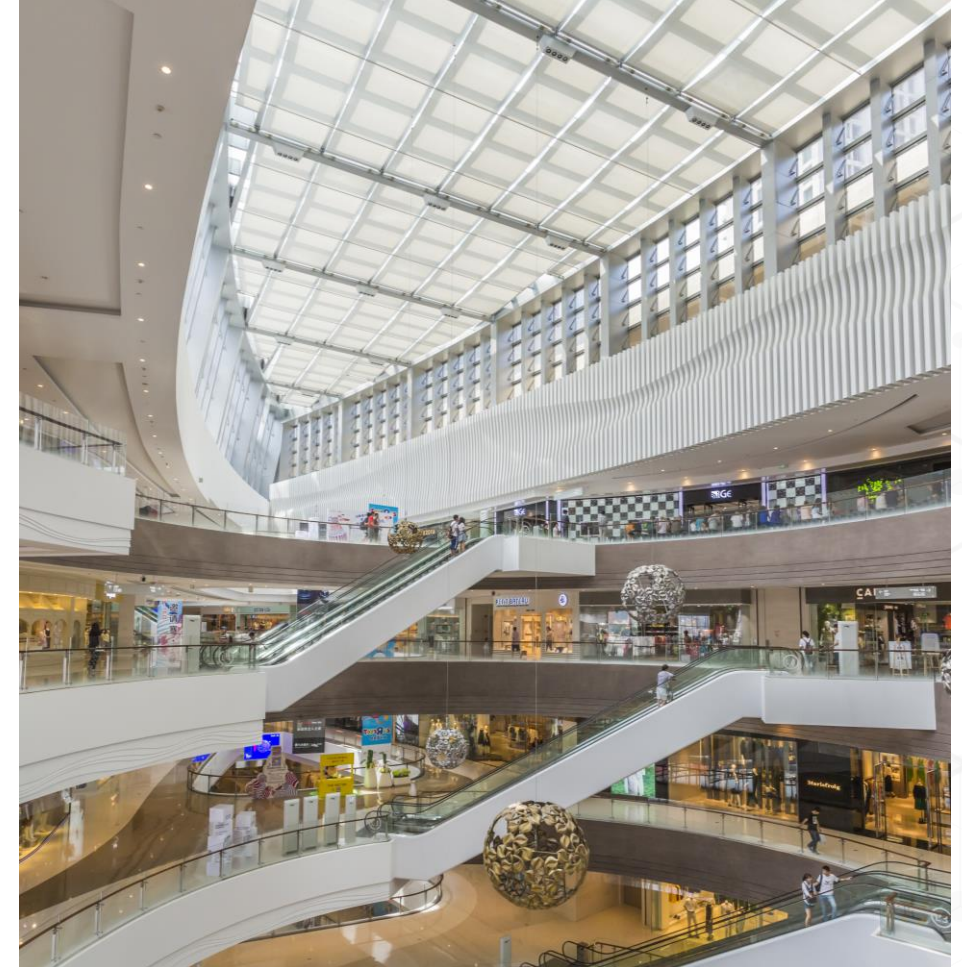
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SMART EDUCATION

Following the "Overall Framework of Intelligent Campus", the Arccocc Cloud Smart Education Solution combines the design idea of Arccocc Cloud "1+2+N" with IoT, online intelligent analysis, cloud computing and other technologies to realize all kinds of intelligent scene-based business and data applications, providing an integrated solution for campus information construction including intelligent security, intelligent logistics, intelligent teaching, campus big data, etc.

Solution Value

❖ Big data integration to assist campus in information-based decision-making

❖ Establish campus information resource pool to enable intelligent information sharing

❖ Firefighting control and management for people and vehicles to improve security level

❖ Intelligent face recognition to strengthen attendance management

❖ Innovative intelligent classroom to assist teaching

SMART BANKING & FINANCE

The Arccocc Cloud Smart Banking & Financial Solution integrates bank security and financial services with AI, IoT, big data and other technologies to enable information upgrade in bank security management, and comprehensively assist banks regarding risk management and financial digitalization.

Solution Value

One Fulfilment
To fulfill the standards of the financial industry, safeguard daily security needs using technology, and ensure bank safety.

Two Improvements
Improvement in case prevention and control capability, building the whole-process case prevention and control system; improvement in business and operation efficiency, reducing costs.

N Types of Services
Full range of service applications, providing comprehensive data support for business risk control and compliance risk management.

SMART ENERGY

The Arccocc Cloud Smart Energy Solution adopts the architecture of "online data, closed-loop decision-making and 4 full + 4 transformations + 2 centers" as its design concept. Combined with production process, business divisions and business scenarios of the enterprise, this solution enhances the security management of the whole production process, including monitoring and early warning of production operation, resource management and accident investigation capabilities, comprehensively improving the intelligent production capacity of the enterprise.

Solution Value

❖ Operation Process Digitalization
❖ Equipment Operation Digitalization
❖ Production Process Digitalization
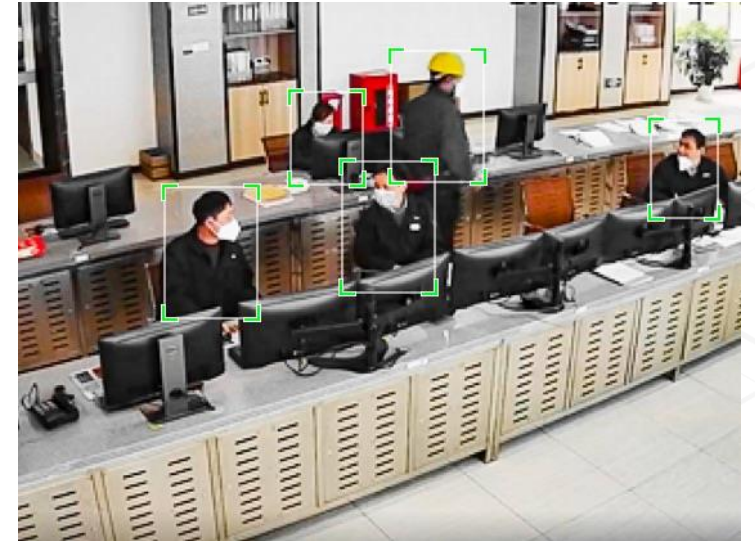❖ Converged Communication for Command & Decision-Making

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CASE STUDY

AI Based Smoking Detection

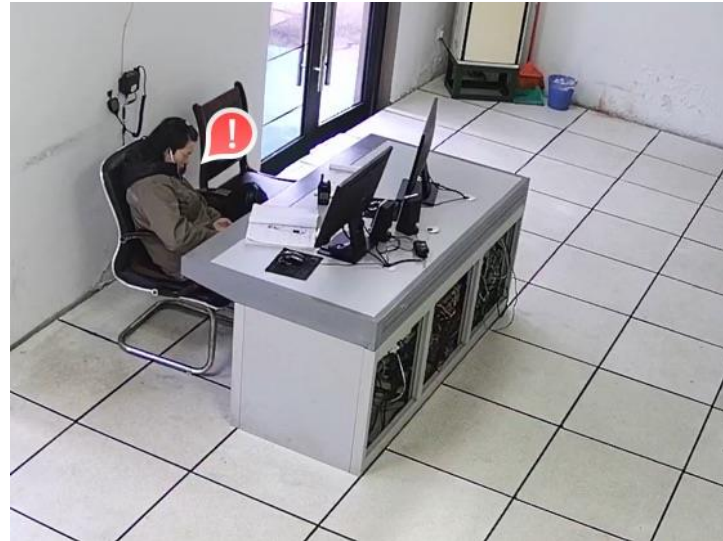AI Based Suspicious Person
Wandering Identification
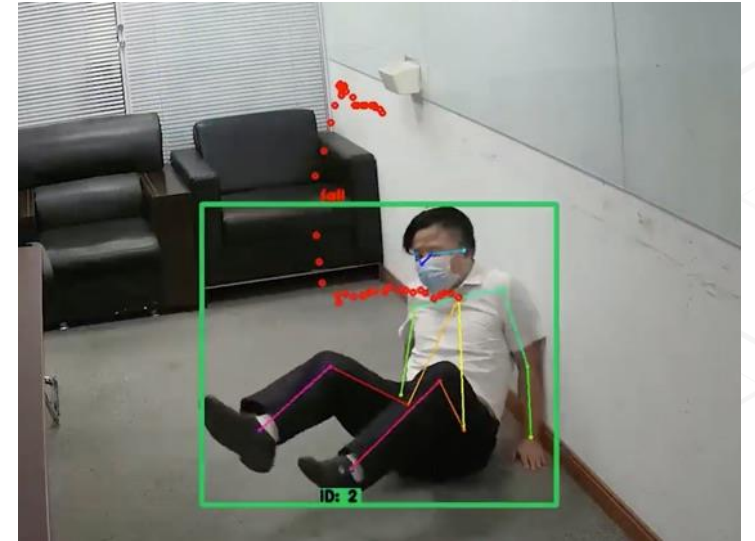
AI Based Off-duty Detection

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CASE STUDY

AI Based Intrusion Detection

AI Based Sleeping Post Detection

AI Based Fall Detection

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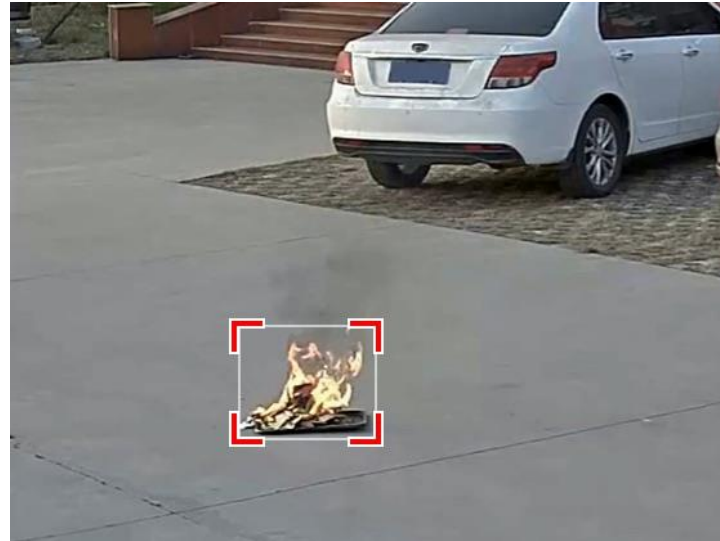# CASE STUDY

AI Based Use Mobile Phone
Detection

AI Based Fire or Smoke
Detection

AI Based Emergency Exit
Blockage Detection

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Thank you