

# Intelligent product application

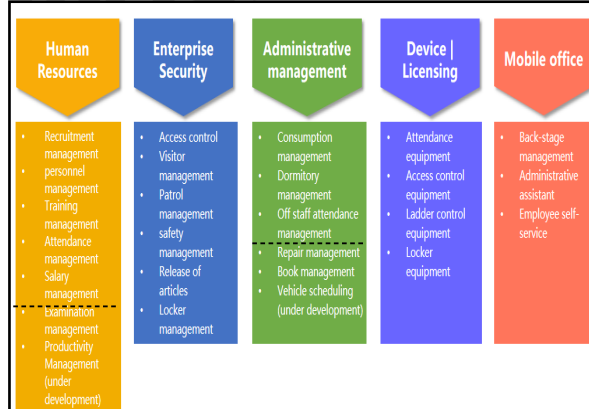
## Visual Intelligent Building Management Platform

Visual intelligent management platform, providing comprehensive and efficient visual management and control, including energy consumption management, building control management, intelligent lighting management, security system management, etc.



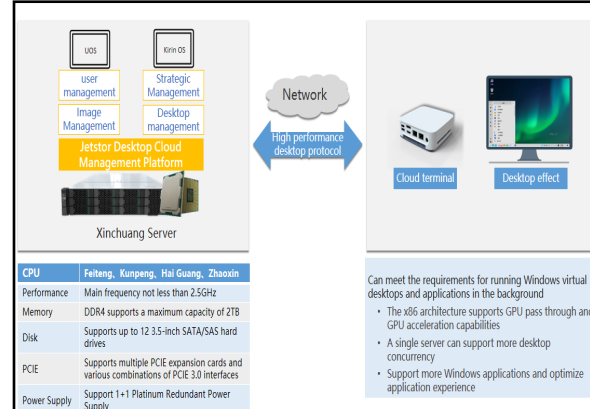
## Smart Security Product Solution

Smart security products include access control and attendance card systems, facial recognition machines, channel gates, vehicle management equipment, video surveillance equipment, etc.



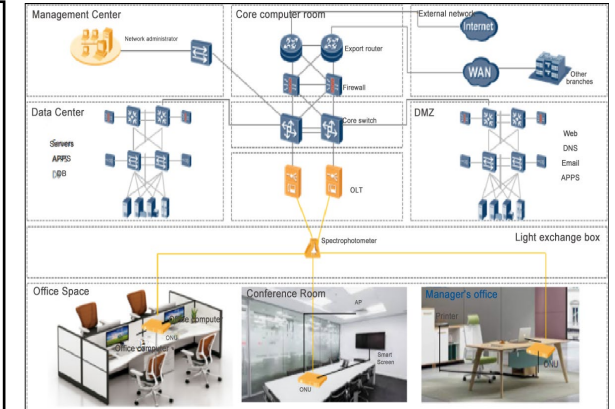
## Data Center Product Solution

The data center equipment includes virtualization servers, cloud desktop management, IPSAN/NAS storage, cloud file management systems, etc.

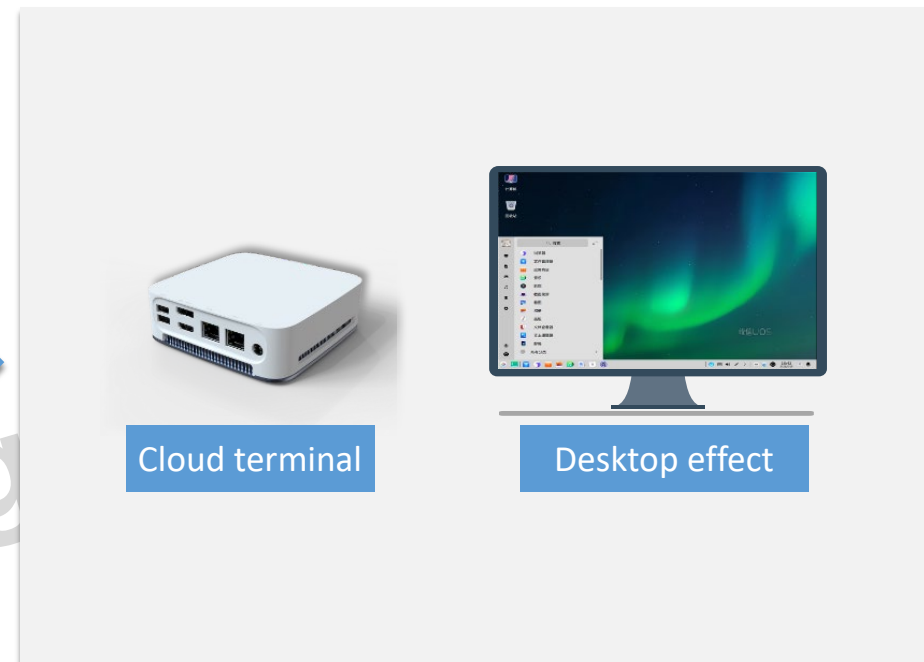
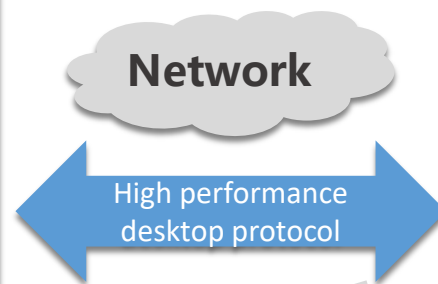
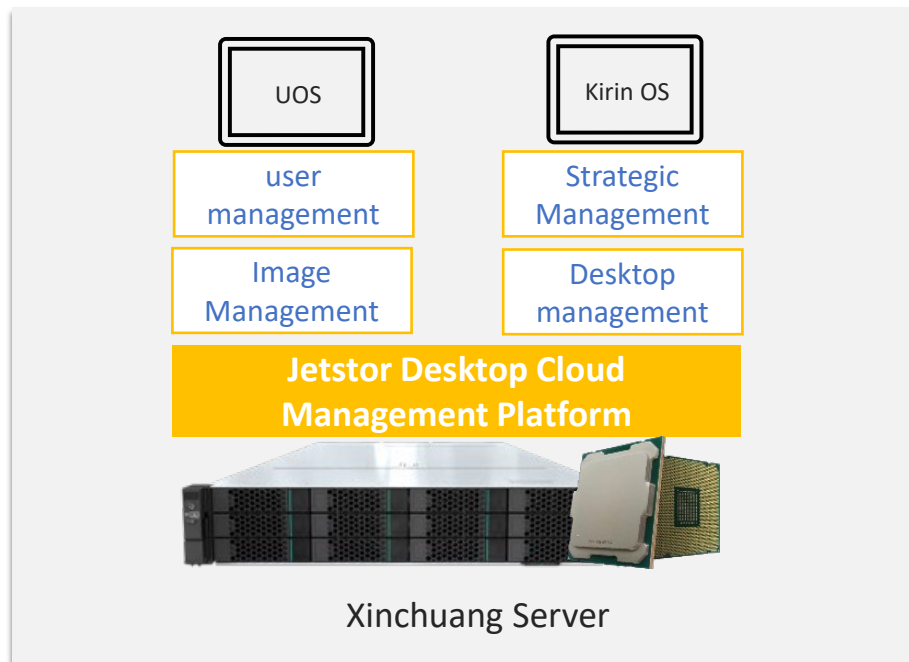


## Intelligent Overall Solution for The Park

Provide a comprehensive solution for intelligent planning and design of the park, including micro module machine room, uninterruptible power supply, intelligent security, data security, wired network, wireless network, audio and video system solutions.



# Product blueprint—Virtualization server



CPU	Feiteng、Kunpeng、Hai Guang、Zhaoxin
Performance	Main frequency not less than 2.5GHz
Memory	DDR4 supports a maximum capacity of 2TB
Disk	Supports up to 12 3.5-inch SATA/SAS hard drives
PCIE	Supports multiple PCIE expansion cards and various combinations of PCIE 3.0 interfaces
Power Supply	Support 1+1 Platinum Redundant Power Supply

Can meet the requirements for running Windows virtual desktops and applications in the background

- The x86 architecture supports GPU pass through and GPU acceleration capabilities
- A single server can support more desktop concurrency
- Support more Windows applications and optimize application experience

# Product blueprint— Disk array storage server

Focused on providing excellent performance and cost-effectiveness for workloads of small and medium-sized enterprises. It is an ideal choice for modern enterprise applications such as virtualization, video media editing, large-scale monitoring, and backup applications.



12 bay single control  
disk array



16 bay single control  
disk array



24 bay single control  
disk array



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disk array



16 bay dual control  
disk array



24 bay dual control  
disk array

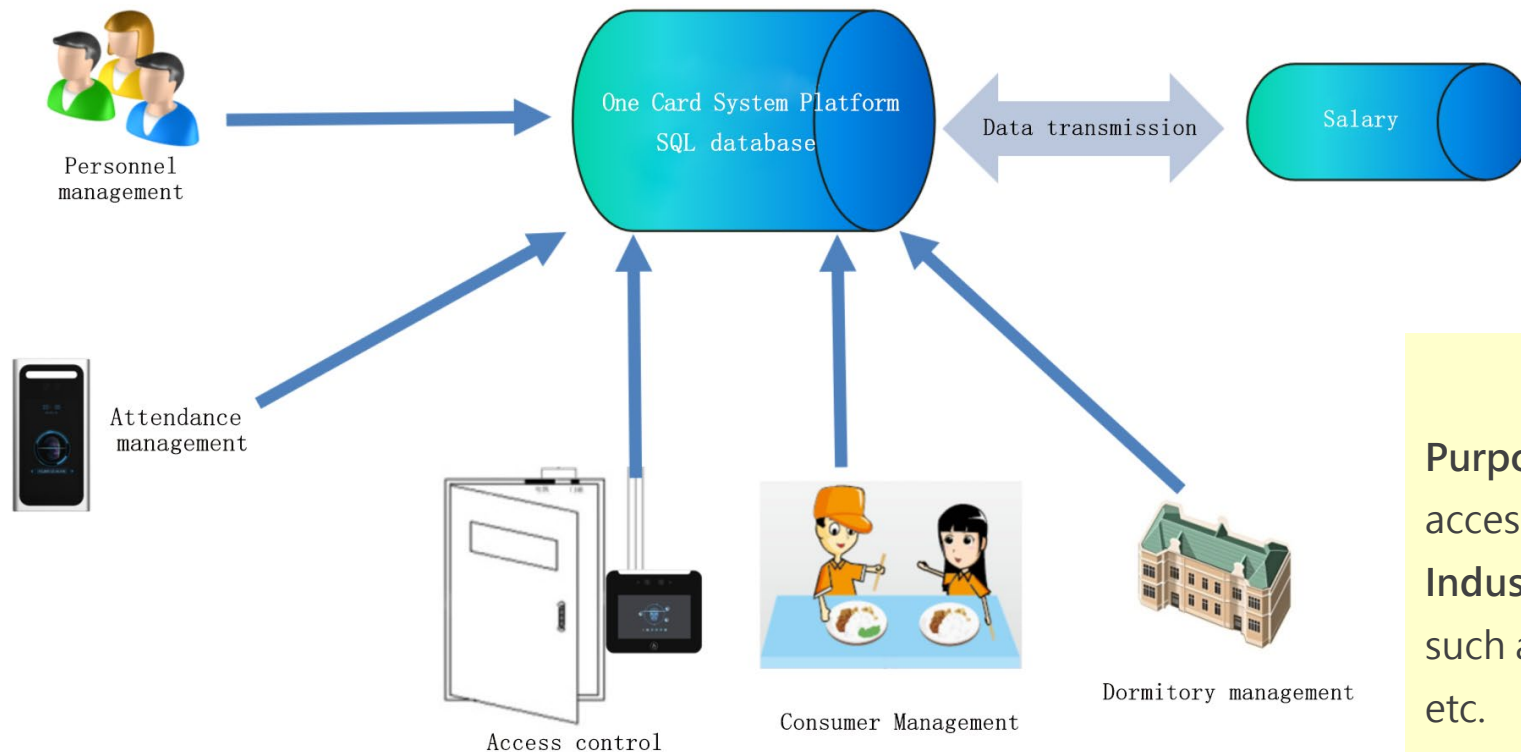
## Disk array storage server

**Purpose :** Used for storing archives, databases, images, etc.

**Industry :** Suitable for fields such as schools, manufacturing, hospitals, etc .

# Product blueprint—Access control card system platform

The one card system platform supports personnel management module, access control management module, attendance management module, salary management module, consumption management module, dormitory management module, visitor management module, recruitment management module, elevator control management module, patrol management module, self-service query function. Different modules can be selected according to needs, with high scalability



## One Card System Platform

**Purpose:** To achieve functions such as personnel, access control, attendance, consumption, etc.

**Industry:** Suitable for institutions in industries such as schools, manufacturing, semiconductors, etc.

# Product blueprint— Facial recognition machine

Provide a series of facial recognition terminal devices that can be equipped with different scenarios for personnel access control, support data platform interface docking, and provide various forms of data docking such as API interfaces and databases.



4-inch facial recognition attendance and access control machine



5-inch card swiping attendance access control machine



5-inch facial recognition attendance and access control machine



7-inch facial recognition panel machine



8-inch facial recognition attendance and access control machine



8-inch temperature measurement facial recognition panel machine

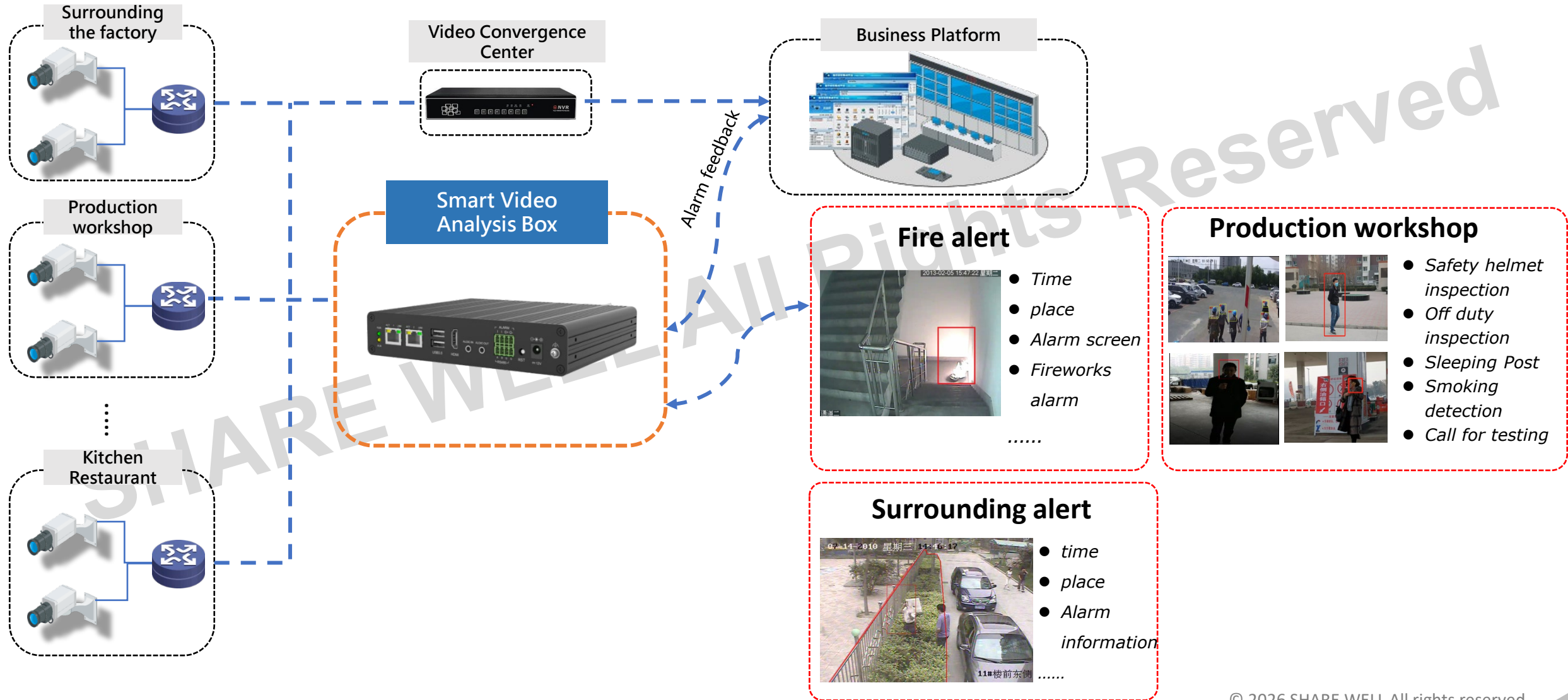
## Facial recognition machine

**Purpose:** To achieve personnel and permission control, which can be used in fields such as attendance, access control, authorized switchgear, etc.

**Industry:** Suitable for institutions in industries such as schools, manufacturing, semiconductors, etc.



# Product blueprint— AI intelligent detection



# Product blueprint— Vehicle management

1. Integrated design, convenient construction, quick installation, greatly reducing labor costs
2. High brightness dual color module for LED screen recognition, displaying real-time vehicle related information and advertising information when idle
3. Perfectly solve the problem of one or multiple vehicles, easy to learn and understand for users



## Vehicle Management System

**Purpose:** Used for managing the entry and exit of vehicles, achieving unmanned operation.

**Industry:** Suitable for schools, manufacturing, industrial parks, communities, and other fields.

# Product blueprint— Visual management platform

Through the gateway, data and control of various front-end devices can be accessed, including intelligent security, energy management, building control, intelligent lighting, intelligent fire protection, etc., achieving centralized data management, centralized control management, optimizing and improving production efficiency and energy optimization management.



## Visual management platform

**Purpose:** Used for centralized control of parks and enterprises, providing integrated, intelligent, and efficient solutions.

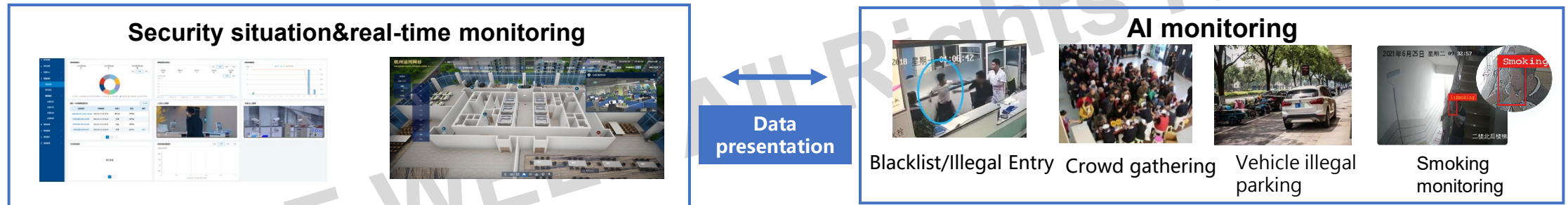
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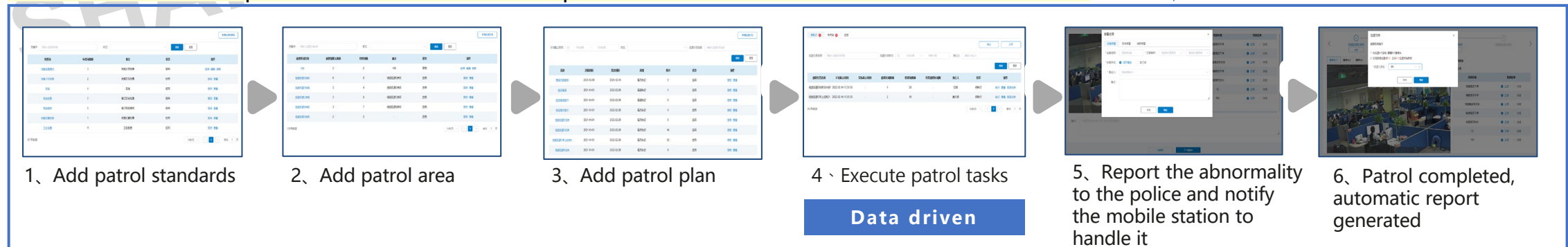
# Project Proposal— Intelligent Security

Through intelligent security scenarios such as security situation, video surveillance, and video patrols, the platform truly empowers enterprise park security services, making timely and intelligent responses to various security needs, achieving pre warning, in-process decision-making, and post analysis, and helping park security management transform from decision analysis to data-driven management, using technology to safeguard security.

- ◆ Real time monitoring and security situation: Display statistical indicators related to video security in the park, such as the number of alarm events on the day and the proportion of different alarm types.



- ◆ Video patrol: Connect video data and implement online patrol function through standardized operations to assist on-site patrol



# Project Proposal— Energy management

The comprehensive control platform can statistically analyze energy data in the factory area from multiple types, dimensions, and levels, providing real-time data and historical data analysis functions for classified, itemized, and partitioned energy consumption. It can quantitatively analyze actual energy consumption data and indicator data from multiple dimensions and time zones, identify abnormal energy consumption, explore energy-saving space, assist energy decision-making, and reduce energy consumption costs.



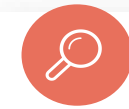
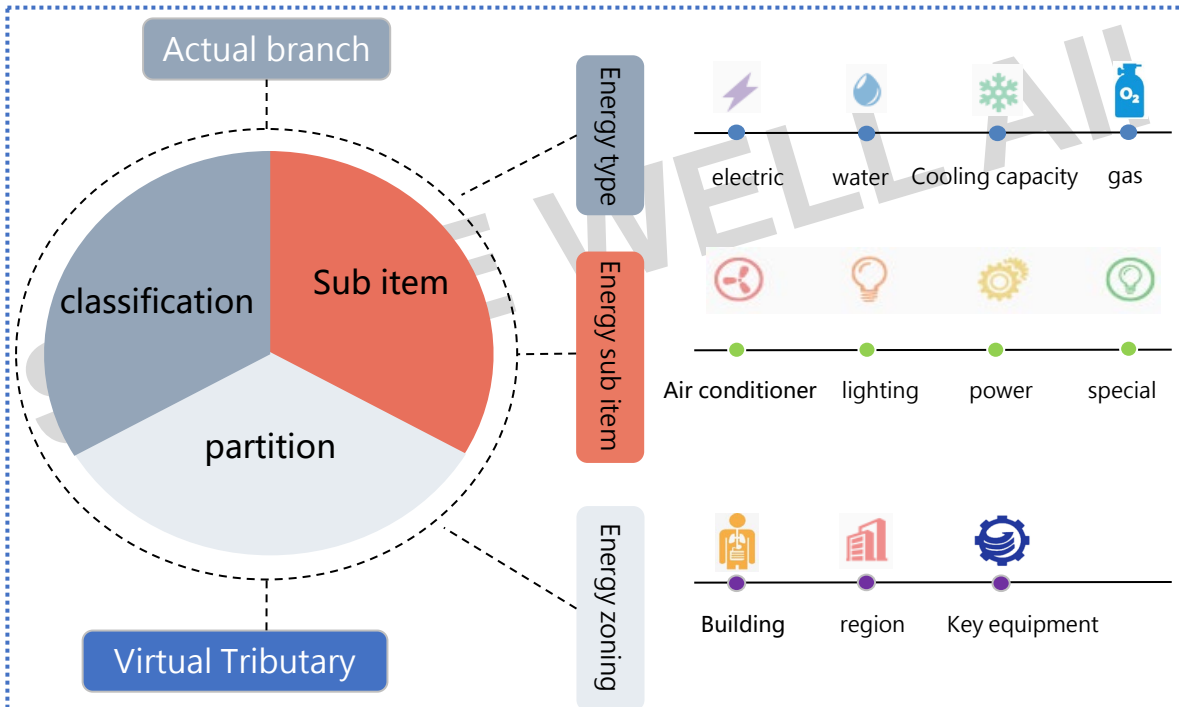
## Fine monitoring of energy consumption



## Data statistical analysis



## Assist in management decision-making



### Energy quota

Support setting different sub item and partition energy consumption quota values by year/quarter/month/day



### Energy Alert

Configure energy consumption alarm threshold, automatically monitor energy usage, and issue real-time alarms



### Energy decision-making

Explore energy-saving space, guide energy management strategy adjustments, and assist energy decision-making

# Project Proposal— Building control

Equipment monitoring and energy-saving management platform

The monitoring platform realizes the monitoring and control management of all mechanical and electrical equipment in the building



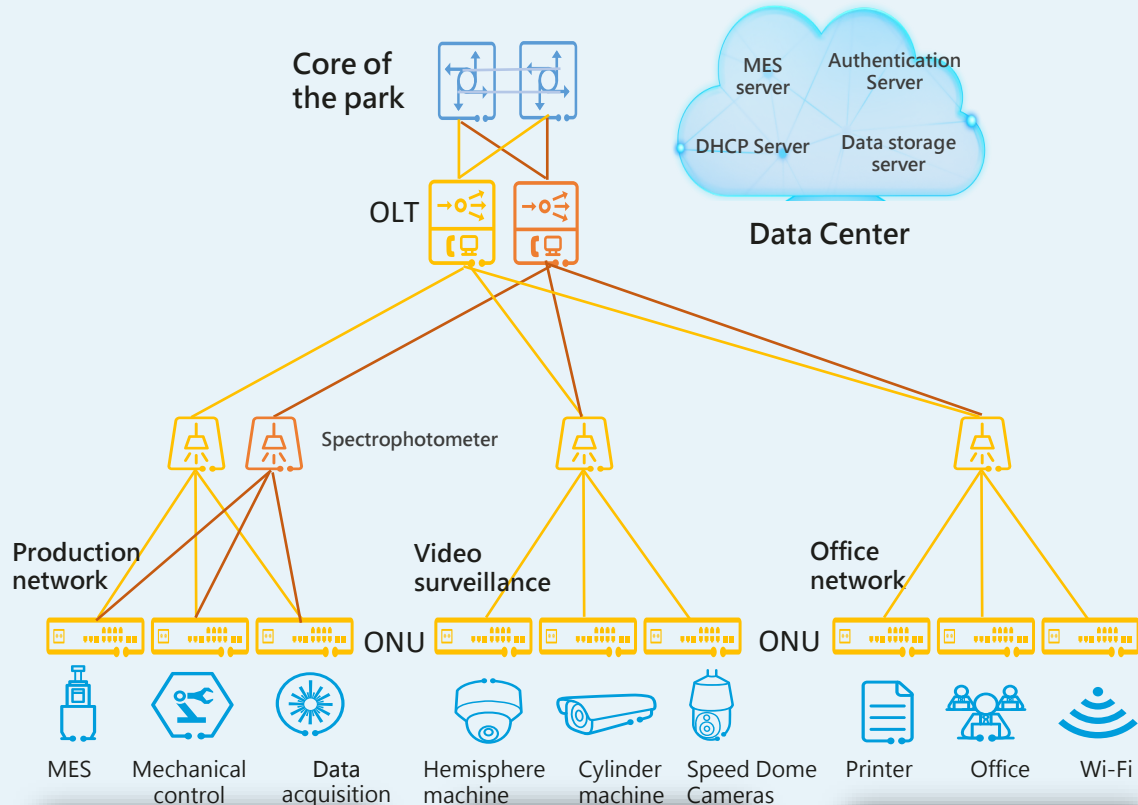
Monitoring station    Operation Station

BACnet



# Project Proposal—Comprehensive design solution for the park

## Target network of all-optical manufacturing park



Main features: A green all-optical network with high reliability, flexible scalability, and easy management and maintenance

### High Reliability

- Reliable networking** : Type C dual redundant protection to the machine, 50ms fast self-healing
- Reliable equipment** : Industrial grade ONU matches industrial scenarios
- Business reliability** : TDM hard pipeline, network 1ms deterministic latency
- Reliable medium** : Passive fiber to machine, anti electromagnetic interference, no fiber replacement for 30 years

### Flexible Expansion

- Rapid deployment** : Fiber to machine, no weak electricity room, easy deployment of fiber optic cables
- Flexible expansion** : ONU to machine+fiber optic reservation, optical grid enables rapid expansion
- Long range coverage** : 20KM full park fiber optic coverage

### Easy Management And Maintenance

- Centralized management** : OLT centralized management, ONU without IP management
- Quick activation** : Business template customization, ONU plug and play
- Quick troubleshooting** : Real time display of device status on electronic maps, with step-by-step monitoring of traffic and optical power