

Intelligent product application

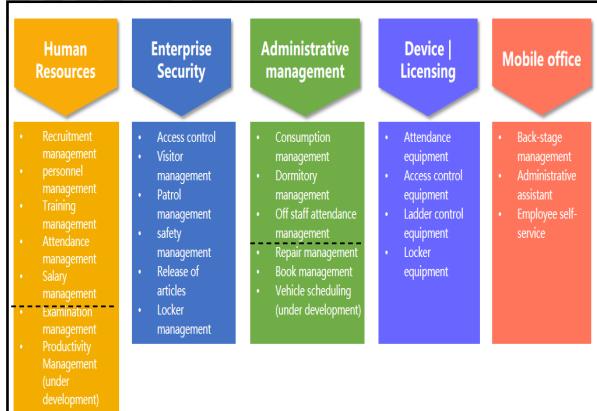
Visual Intelligent Building Management Platform

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.



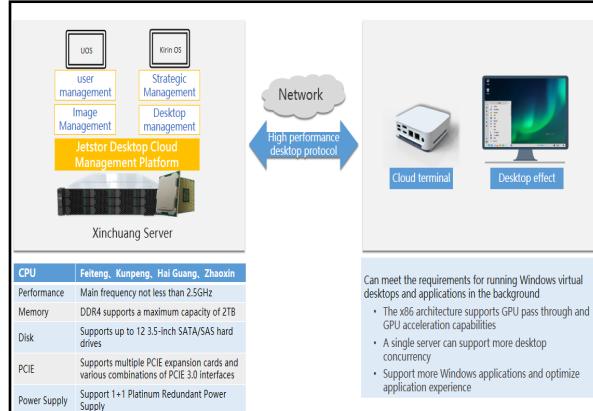
Smart Security Product Solution

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



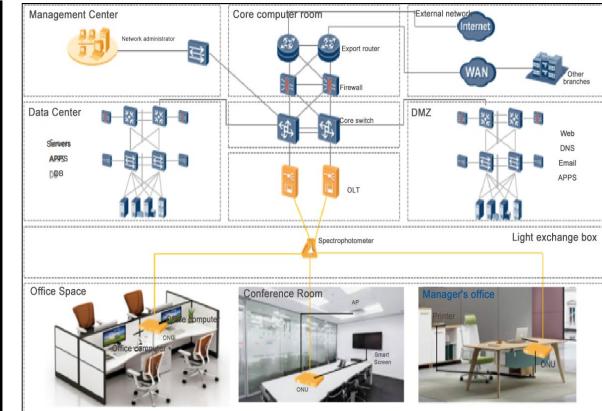
Data Center Product Solution

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

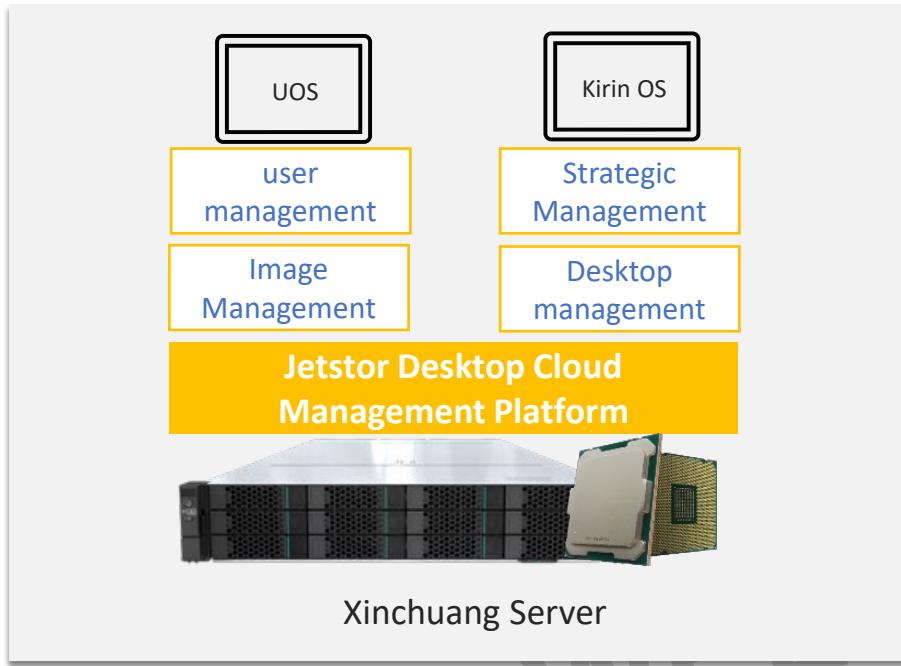


Intelligent Overall Solution for The Park

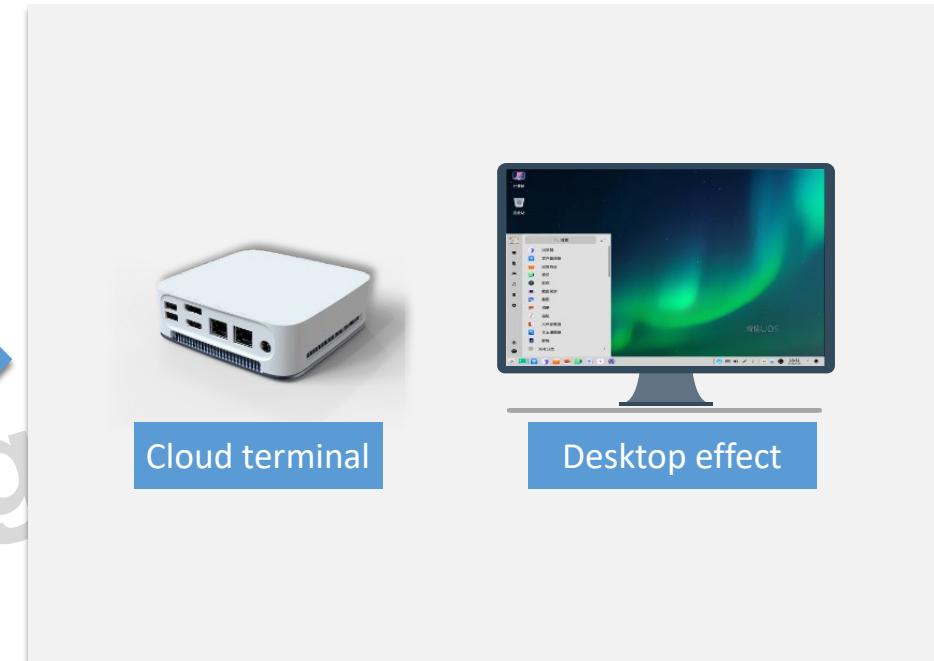
Provide a comprehensive solution for intelligent planning and design of the park, including micro module machine room, uninterruptible power supply, intelligent security, data security, wired network, wireless network, audio and video system solutions.



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



12 bay dual control disk array



16 bay dual control disk array



24 bay dual control disk array

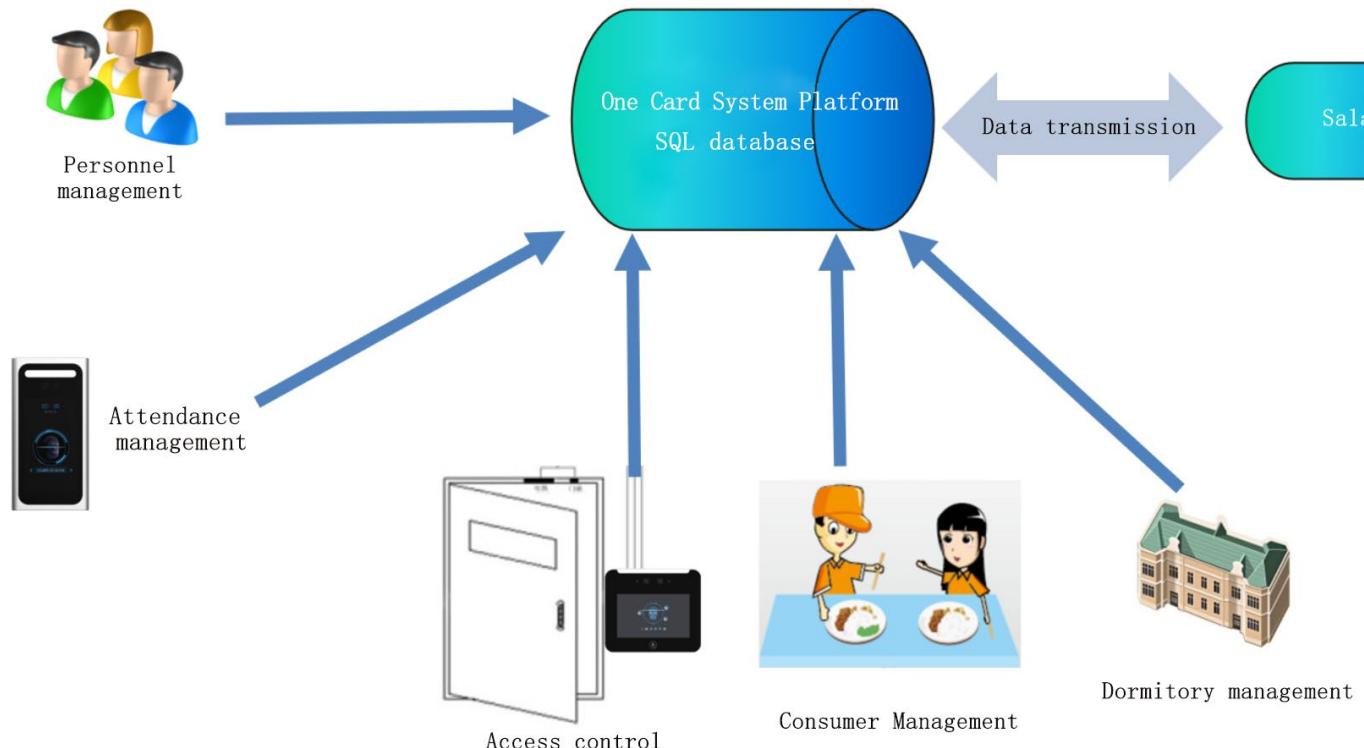
Disk array storage server

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



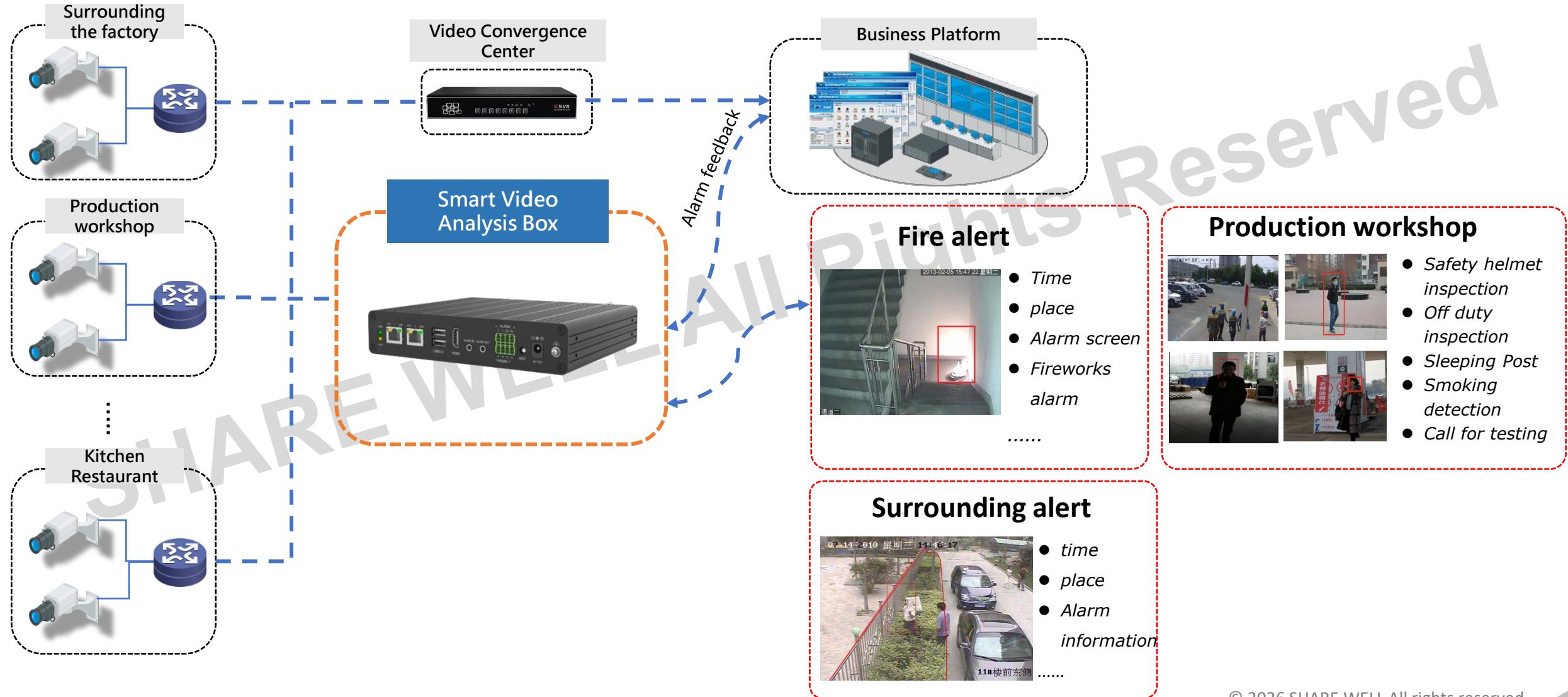
8-inch temperature measurement facial recognition panel machine

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

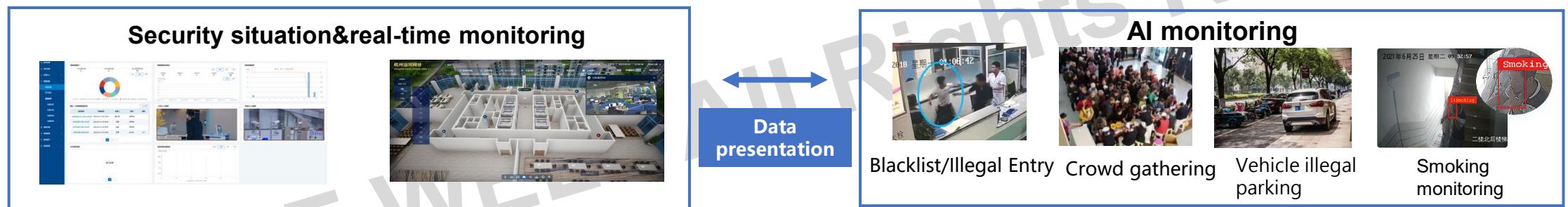
Purpose: Used for centralized control of parks and enterprises, providing integrated, intelligent, and efficient solutions.

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

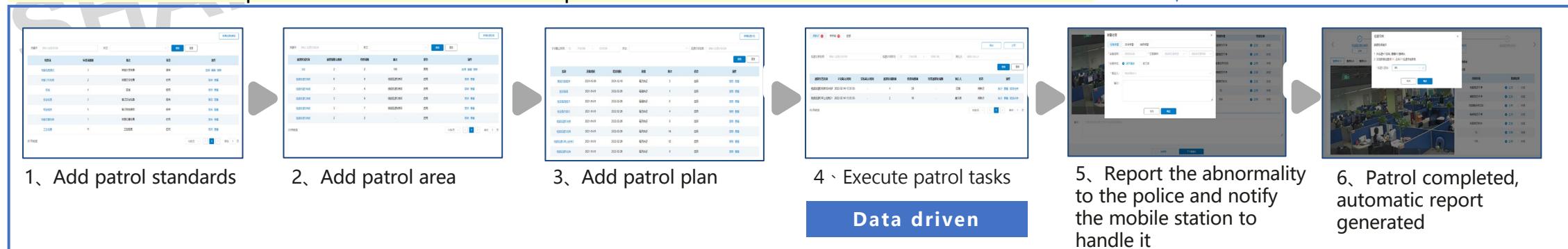
Project Proposal— Intelligent Security

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

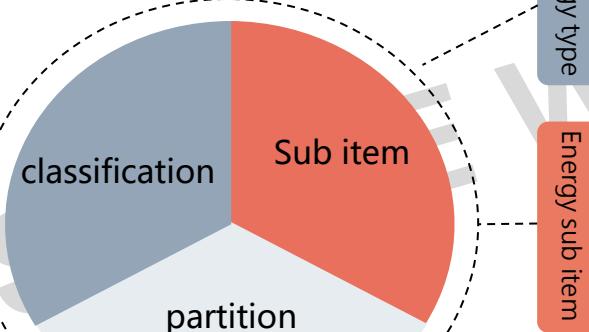


Data statistical analysis



Assist in management decision-making

Actual branch



classification

partition

Sub item

Virtual Tributary

Energy type

Energy sub item

Energy zoning

Building

region

Key equipment

Air conditioner

lighting

power

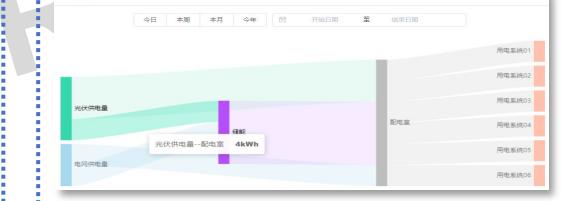
special

electric

water

Cooling capacity

gas



光伏供能量

光伏供能量-配电室

4KWH

电能中电量

日期: 2020-08-05

日期: 2020-08-06

44,035.6 kWh

54,544.8 kWh



日期: 2020-08-05

日期: 2020-08-06



日期: 2020-08-05

日期: 2020-08-06

10,334.86 kWh

11,369.05 kWh

 **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**

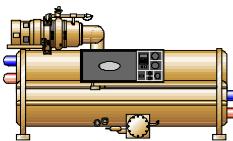
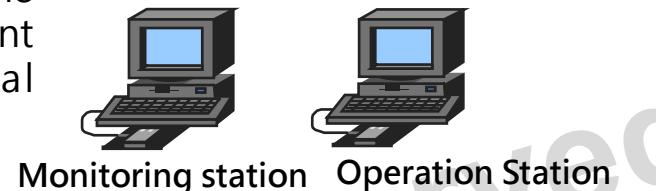
Explore energy-saving space, guide energy management strategy adjustments, and assist energy decision-making

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

BACnet



1. Refrigeration unit



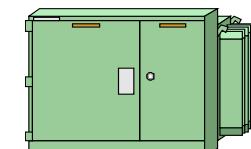
4. Fresh air unit



7. Hot air curtain system



10. Rolling ladder system



13. Substation and Distribution System



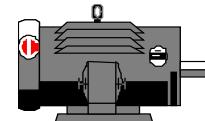
2. Cooling tower



5. Air conditioning unit



8. Supply and exhaust fan system



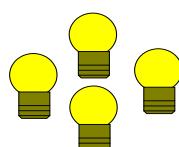
3. Water pump



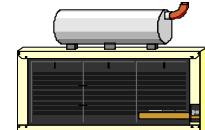
6. fan coil unit



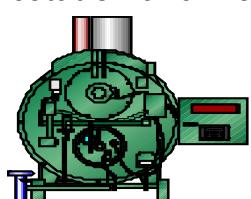
9. Sewage system



11. Lighting control



12. alternator



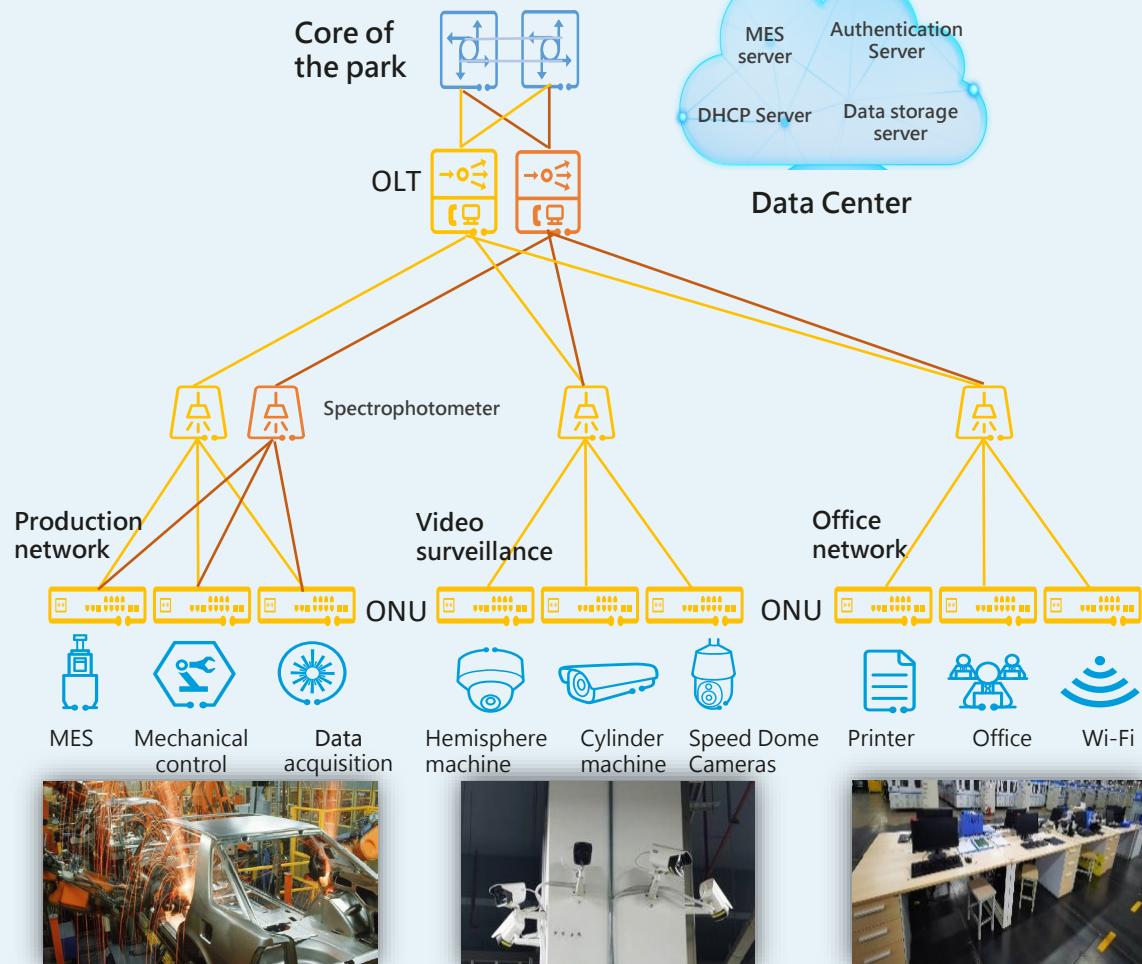
14. Boiler system



15. Integrated fire alarm system

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