THE INTRODUCTION GUIDE OF

ZKBio CVSecurity

All-in-One Web-Based Biometric Security Solution

GENDER & AGE

JACKET COLOR
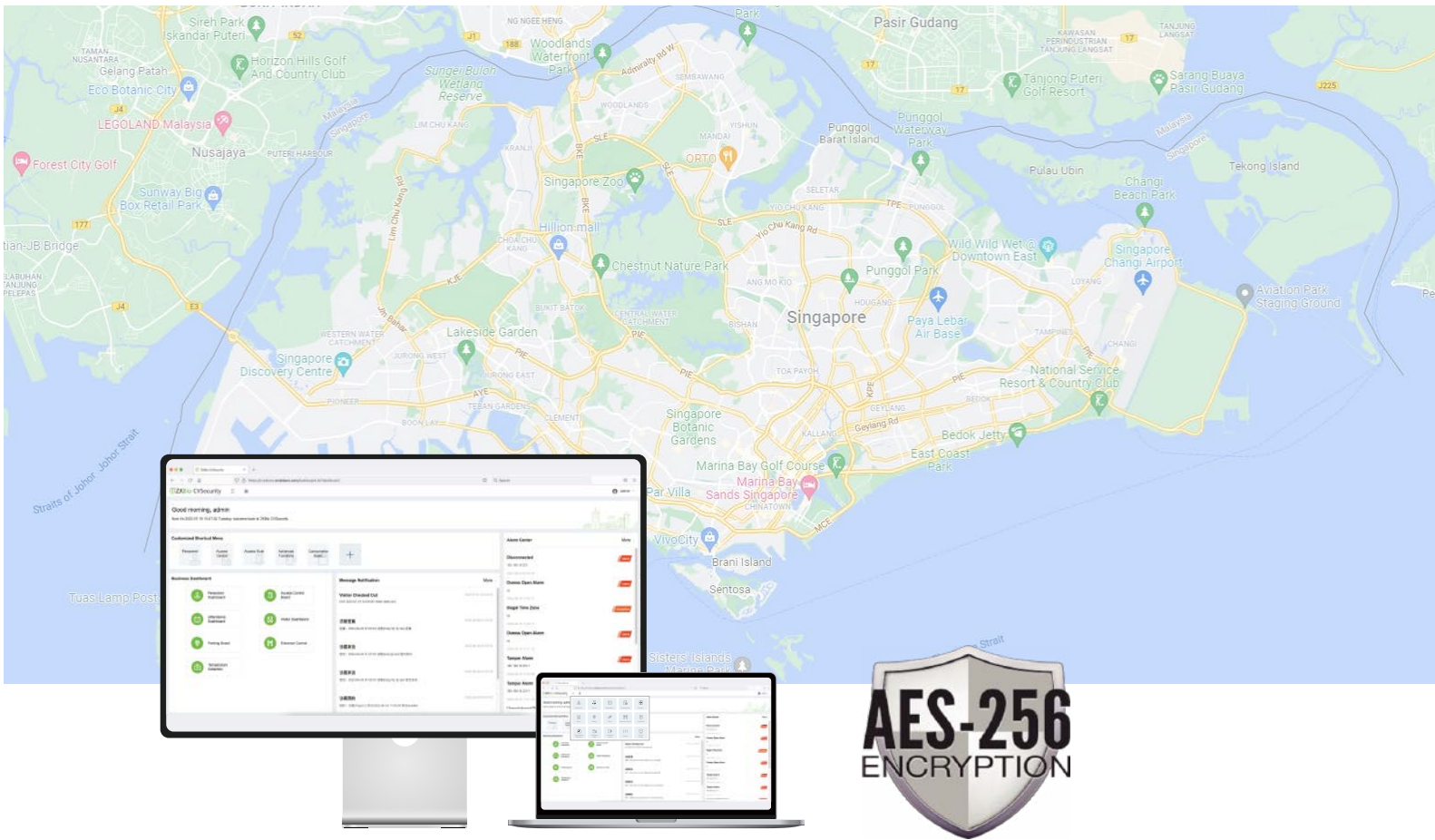
JACKET

SHIRT DETAILS
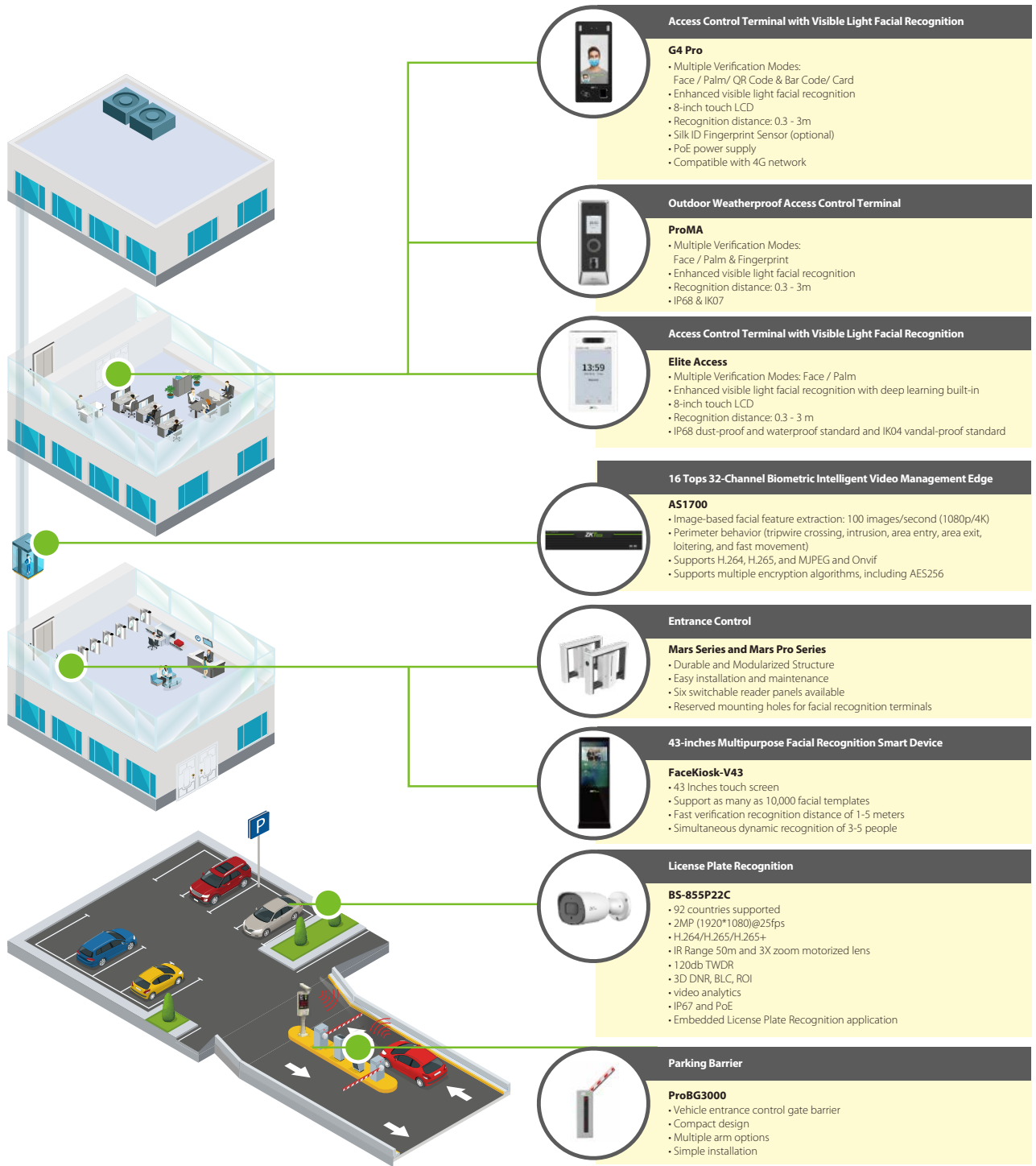
BAG

ZKBio CVSecurity

All-in-One Web-Based Biometric Security Solution

AES-256 ENCRYPTION

ZKBio CVSecurity provides a comprehensive web-based security platform with the adoption of hybrid biometric and computer vision technology. It contains multiple modules: Personnel, Access Control, Time & Attendance, Consumption, Elevator, Visitor, Parking Management, Patrol, Entrance Control, FaceKiosk, Temperature Detection, Intelligent Video, Intelligent Scene, Service Center and System Management.

Personnel	Access	Attendance	Consumption	Elevator
Visitor	Parking	Patrol	Entrance Control	FaceKiosk
Hotel	Temperature Detection	Intelligent Video	Intelligent Scene	Service Center

ZKTeco

"All-in-One" Web-Based Biometric Security Management Platform

Access Control Terminal with Visible Light Facial Recognition

G4 Pro
- Multiple Verification Modes:
  Face / Palm/ QR Code & Bar Code/ Card
- Enhanced visible light facial recognition
- 8-inch touch LCD
- Recognition distance: 0.3 - 3m
- Silk ID Fingerprint Sensor (optional)
- PoE power supply
- Compatible with 4G network

Outdoor Weatherproof Access Control Terminal

ProMA
- Multiple Verification Modes:
  Face / Palm & Fingerprint
- Enhanced visible light facial recognition
- Recognition distance: 0.3 - 3m
- IP68 & IK07

Access Control Terminal with Visible Light Facial Recognition

Elite Access
- Multiple Verification Modes: Face / Palm
- Enhanced visible light facial recognition with deep learning built-in
- 8-inch touch LCD
- Recognition distance: 0.3 - 3 m
- IP68 dust-proof and waterproof standard and IK04 vandal-proof standard

16 Tops 32-Channel Biometric Intelligent Video Management Edge

AS1700
- Image-based facial feature extraction: 100 images/second (1080p/4K)
- Perimeter behavior (tripwire crossing, intrusion, area entry, area exit, loitering, and fast movement)
- Supports H.264, H.265, and MJPEG and Onvif
- Supports multiple encryption algorithms, including AES256

Entrance Control

Mars Series and Mars Pro Series
- Durable and Modularized Structure
- Easy installation and maintenance
- Six switchable reader panels available
- Reserved mounting holes for facial recognition terminals

43-inches Multipurpose Facial Recognition Smart Device

FaceKiosk-V43
- 43 Inches touch screen
- Support as many as 10,000 facial templates
- Fast verification recognition distance of 1-5 meters
- Simultaneous dynamic recognition of 3-5 people

License Plate Recognition

BS-855P22C
- 92 countries supported
- 2MP (1920*1080)@25fps
- H.264/H.265/H.265+
- IR Range 50m and 3X zoom motorized lens
- 120db TWDR
- 3D DNR, BLC, ROI
- video analytics
- IP67 and PoE
- Embedded License Plate Recognition application

Parking Barrier

ProBG3000
- Vehicle entrance control gate barrier
- Compact design
- Multiple arm options
- Simple installation

Professional Sercurity Software

ZKBio CVSecurity

- All-In-One solution
- Contains multiple integrated modules:
Personnel, Access Control, Time & Attendance, Consumption, Elevator, Visitor, Parking Management, Patrol, Entrance Control, FaceKiosk, Temperature Detection, Intelligent Video, Intelligent Scene, Service Center and System Management.

Introduction to the modules

• Personnel

Personnel consists of three parts: Department management, Personnel management and Card management. Department management is designed to set the company's organizational chart.

Personnel Management is for personnel information, departments and sub-departments (excess of 10 levels) and to maintain and manage personnel settings.

Card Management is used to manage the lifecycle of the card, including issuing the card, reporting the loss card, unreporting the loss, and customizing the wiegand format.

Personnel

• Access Control

Access Control is a web-based management system which enables advanced access control functions, management of networked access control panel and standalone devices via computer, and unified personnel access management. The access control system sets door opening time and levels for registered users.

Access

• Time & Attendance

ZKBio CVSecurity contains a web-based time attendance module, administrators can manage the Time Attendance anywhere once they can access to the Internet. Moreover, this is an powerful Time Attendance system, which can handle most of the complicated time attendance circumstance, such as, flexible shifts, multi-level OT, cross day shift and online leave application with multi-level approval.

Attendance

• Consumption Management

ZKBio CVSecurity consumption is a desktop-based restaurant management software module designed to order restaurants all necessary and useful tools to speed up service and increase eiently in line with their operational style and business.

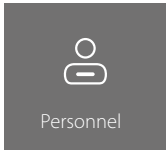**Consumption**

• Elevator

Elevator Control is designed to control the elevator access authentication, to manage access rights (using RFID card, Fingerprint, and other biometric technology) to different floors and supervise elevator events. Administration can set floor level for the registered user and interact with the access control module to achieve the one stop management purpose. Only the authorized users can access to certain floors and doors within a period of time after being authenticated.

Elevator

• Visitor

Visitor Module is a web-based management system that implements entry registration, exit registration, snapshot capturing, visitor quantity statistics, reservation management and shares information among registration sites. Integrated with the access control and elevator control module, it is used at the reception desks and gates to manage visitors

Visitor

• Parking Management

Automatic and intelligent vehicle management effectively and accurately monitors and manages vehicles at all exits and entrances.

Parking

• Patrol Guard

The Online Guard Patrol module is the new cost-e ective way to accomplish guard patrol management. ZKBio CVSecurity can utilize the access control readers already in place as guard patrol check point readers. ZKBio CVSecurity terminals and readrs boast biometric technology for added security. No additional equipment is required for the guard to carry.

Patrol

• Entrance Control

The system connects the gate control board through channel device and directly controls the relevant parameters of the gate through software, which enable full control of entrance and exit and automatic management of the gate.

Entrance Control

• FaceKiosk

ZKTeco Face Kiosk Series offer convenient facial recognition solution fitting different applications, by efficient management of Kiosk device for time & attendance, with user-friendly attendance details display and advertising display feature. With the Face Kiosk Series, Users enjoy cost-effective and precise time attendance management.

FaceKiosk

Hotel Management (Optional)

Provides hotel service management functions covering check-in, overstay, check-out, rate settlement, and lock setup and management.

Hotel

• Temperature Detection

ZKBio CVSecurity is able to provide accurate and fast temperature detection during verification. It offers responsive, intuitive and user-friendly web application and various reports for body temperature and Mask detection devices.

Temperature Detection

• Intelligent Video

Video management system is an application with completely new upgrades. It not only includes foundational functions like real-time surveillance, video playback, decoding for multi-screen video wall, log management and alarm record management, but also includes behavioural analysis, situation analysis, heat map, and people & vehicle control etc. for the interlinkage applications of recording, access control, elevator control, digital map and video wall.

Intelligent Video
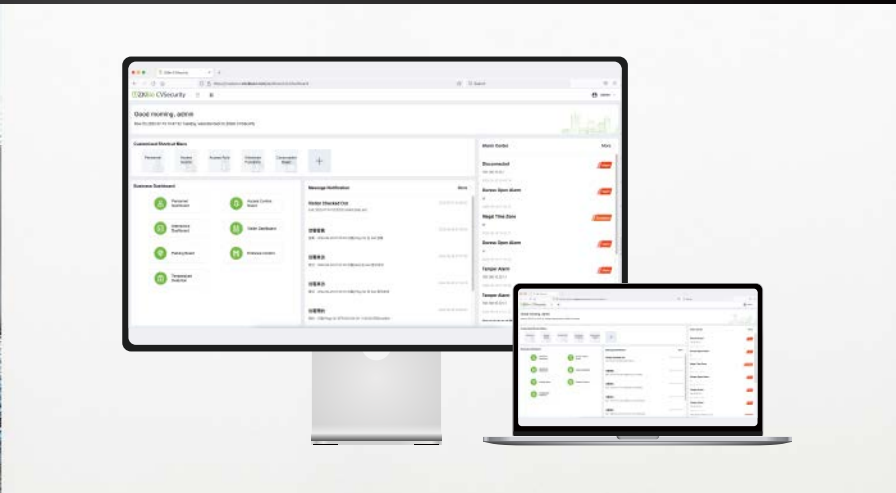
• Intelligent Scene

The "Intelligent Scene" module focuses on intelligent scene business, and actualized the design concepts such as enabling application, data analysis, process management and access control linkage based on scene application and data display through the perception and analysis ability of intelligent NVR or intelligent cameras.

Intelligent Scene

• Service Center

Service Center module is a comprehensive tool for the management of access control, visitors, office, personnel, video surveillance and other related systems. It enables users to have clear and complete overview of all information for convenient monitoring and administration.

Service Center

Highlight 1:
Web Based Access Control and Time Attendance Software

Users can access the centralized system anywhere by their web browser to remotely manage thousands of standalone terminals and controllers under wide area network (WAN).

Highlight 2:
Highly Integrated with ZKBioHA
Continuous Service Guaranteed 24/7

• What is BioHA
ZKBioHA is a high availability solution for enterprise, it can integrate with ZKBio CVSecurity platform to provide professional real-time sync of business data and business continuity protection for customer. The solution supports high availability protection for different app software platforms and mainstream databases, so as to provide data and app protection for customer's kernel business system.
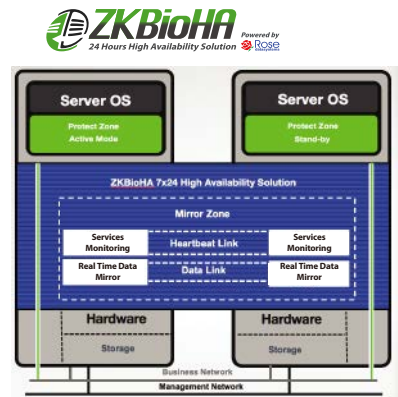
• Business Continuity

ZKBioHA provides the professional real-time sync of business data and business continuity protection for the customer, which solves software/ hardware single point of failure (i.e. system upgrades, computer crash, software bugs, hacking, broken connections and cyber attacks) and realizes automatic failover in case of failure to ensure business system continuity.

| Computer Crash | Software Bugs | Cyber Attacks | Broken Connections | Power Failure |

Highlight 3:
Backup

ZKBio CVSecurity has the ability to schedule an automatic backup of the database, mapped to a designated drive at a specific time.

Backup Database

Restore DataBase

Highlight 4:
Data Cleaning

The data cleaning function is designed to optimize the ZKBio CVSecurity System performance by scheduling a cleanup of outdated data on designated modules or all modules.
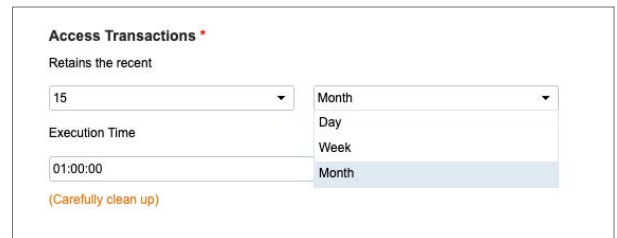
Highlight 5:
HTTPS

ZKBio CVSecurity provides a high secure communication over a computer network, HTTPS (HTTP Secure), an adaptation of the Hypertext Transfer Protocol, which is widely used on the Internet, It means all communications between your browser and the ZKBio CVSecurity Client are encrypted.

Highlight 6:
Email, WhatsApp, LINE, Amazon SNS, SMS

After the email server is setup, the system can send Email, WhatsApp, LINE, Amazon SNS and SMS notifications automatically to designated recipients. For example, if the door is opened forcefully, notification email will be sent to the administrators; if the employees have abnormal attendance records, SMS will be sent to the administrators.

Email   WhatsApp   LINE   Amazon SNS   SMS

Highlight 7:
Operation Log

The Operation Log function monitors and records the operation on the system modules. This function enables users to check who performed each operation, when it was performed, what was performed, and where it was performed. In addition, this function can help you analyze the causes of system errors or other types of problems from the record data.

Operator	Time	IP Address	Time (m/s)
John	10:05	172.31.1.10	295
Matthew	12:05	183.254.1.1	350
Panna	14:30	172.31.1.10	204
Sonia	16:05	172.31.1.10	841
Venessa	17:20	258.235.1.1	245
Karley	19:48	172.31.1.10	254

Highlight 8:
3rd Party API (Application programming interface)

The ZKBio CVSecurity platform can be integrated with multiple applications of 3rd party software. Typically, the functions include data input and system queries.

3rd Party Software

API
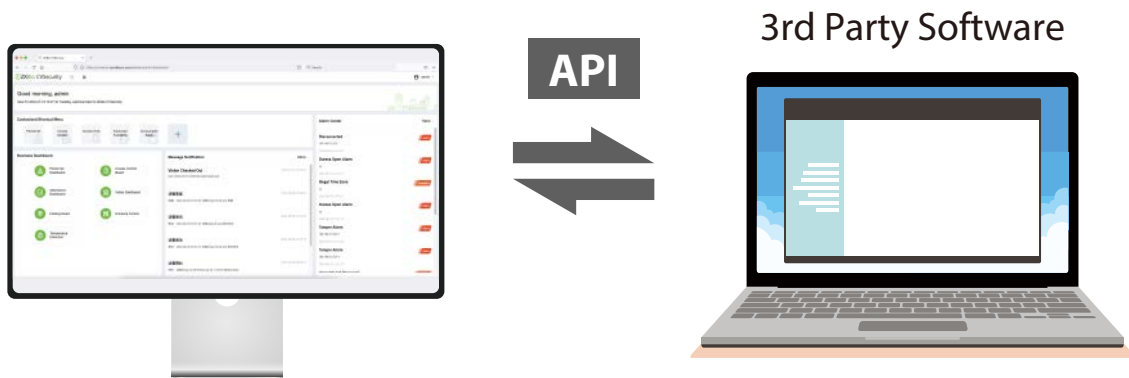
Highlight 9:
DNS

When using ZKBio CVSecurity on a WAN (Wide Area Network) the terminals and controllers can be accessed and configured outside the LAN (Local Area Network) by using a DNS (Domain Name Server). Using an IP address provided by the local internet provider, the end user is able to connect to the service via the DNS and manage the system.
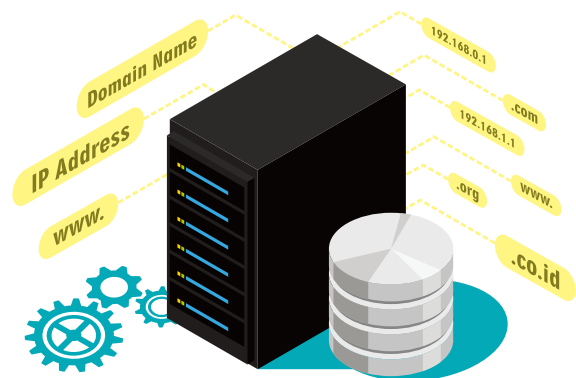
Highlight 10:
Supports Visible Light Recognition

The Visible Light Facial Recognition System is widely suitable for various applications including offices, warehouses, clinics, manufacturing plants, catering premises and constructions sites etc. For staffs that have been tired of long queue, it no longer requires waiting long time and walking in front of conventional passive recognition systems for fingerprint or facial verification. Instead, with the great convenience and efficiency brought by the Visible Light Facial Recognition System, staffs only need to walk straight through, and the System actively match faces and data.

Door Unlock

With ZKTeco Visible Light Recognition, users and visitors are now able to quickly finish verification and directly enter the controlled area once the verification is completed.

Door Lock

If the person is not allowed to access the area, or the verification is failed, the lock will remain locked.

| Multibiometrics | Proactive Facial Recognition | New Height of Anti-Spoofing | Wide Pose Angle Acceptance | Speedy Recognition |

Recognition distance 3m long and extra wide angle recognition

The visible light facial recognition is way faster than the previous near Infraredfacial recognition, and the recognition distance has been greatly extended up to 3 meters long, which significantly improves maximum traffic rate.
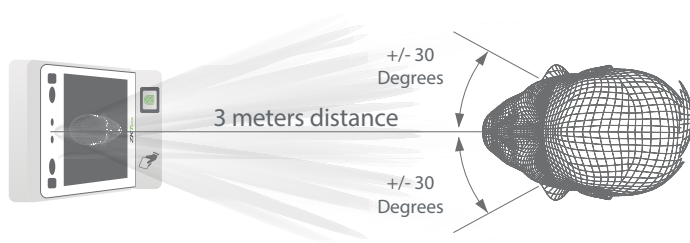
While most of algorithms only support 15-degree angle facial recognition, ZKBioFace supports 30-degree angle facial recognition.


+/- 30 Degrees

3 meters distance

+/- 30 Degrees

+/- 30 Degrees

+/- 30 Degrees

+/- 30 Degrees

+/- 30 Degree
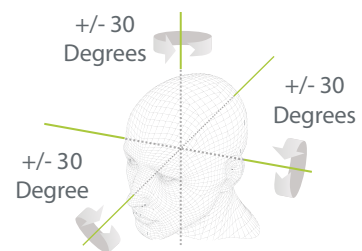
Highlight 11:
Alarm Center

New features have been added into the ZKBio CVSecurity, integrating alarm information including access control, video surveillance and fire service etc. to centrally and visually display, and collaborate into GIS map for security staffs to quickly locate the positions of events of abnormality, view playbacks of the videos of the events, preview live real-time videos, record event details, and track personnel and related vehicles etc., achieving quick yet convenient handling of events.
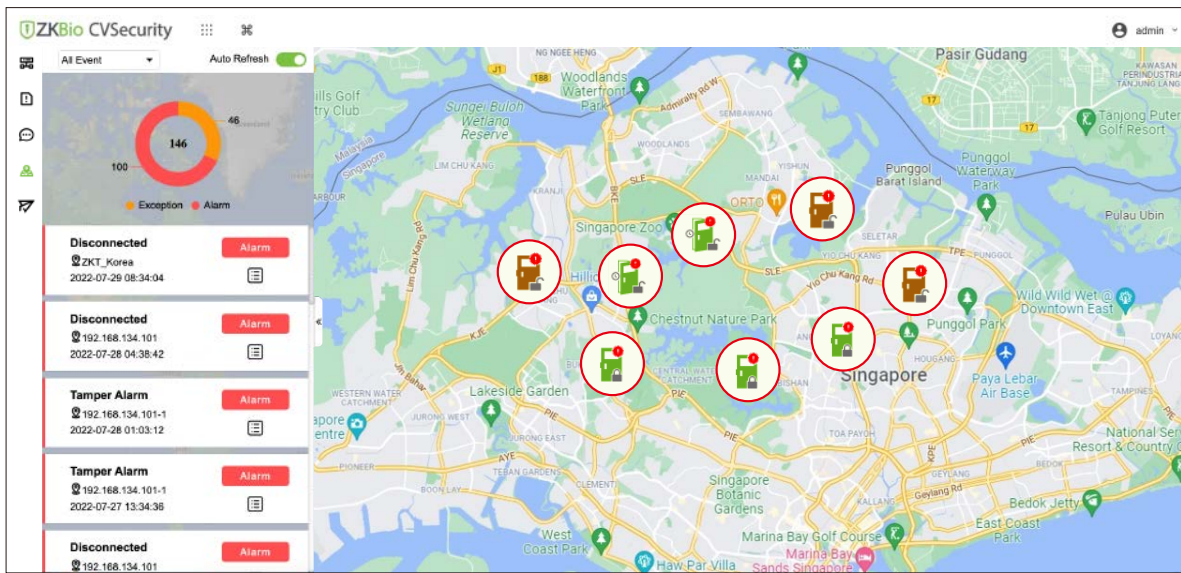
Highlight 12:
Notification Center

New features have been added into ZKBio CVSecurity, integrating various notifications (including visitor, access control and system) for centralized display for the staffs' convenience of overviewing the entire situation. Information of the events which requires management staffs to handle will be independently listed until the events have been handled to avoid missed cases.
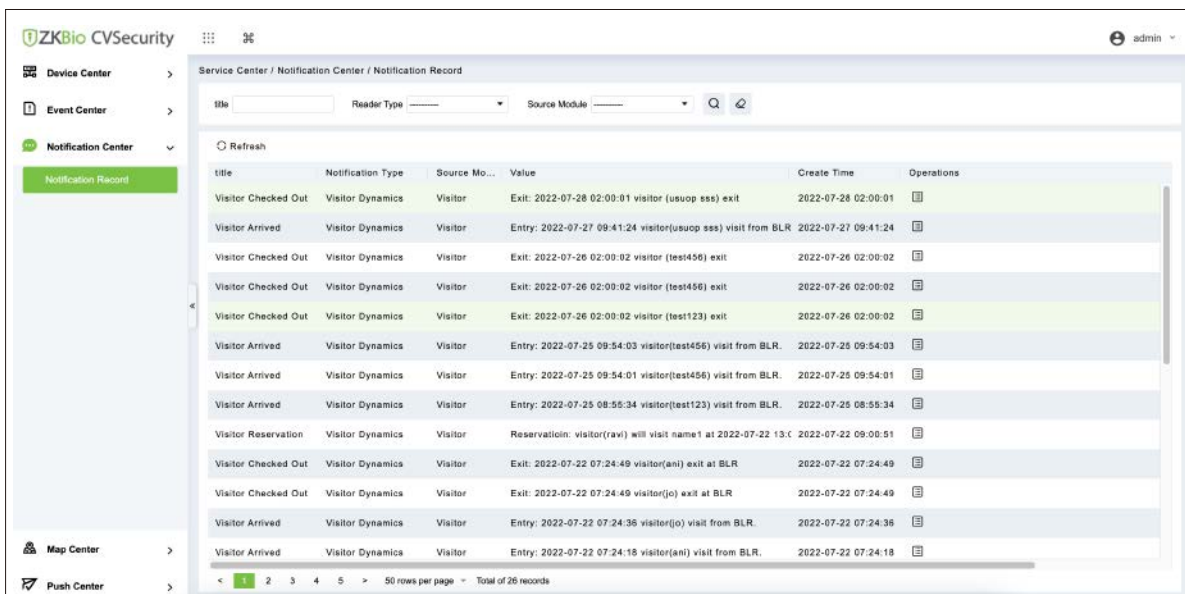
Highlight 13:
High-Security Mechanism
TLS1.2 and Powered by RSA2048 & AES256 Encryption

Increase security with TLS1.2 and powered by RSA2048 and AE256. TLS1.2 is a method to achieve secure communication over an insecure channel by using a secret key exchange method, an encryption method, and a data integrity method.

AES 256 Encryption which is a strong and robust encryption standard that is commercially available today. With a key length of 256 bits, it supports the largest bit size and is practically unbreakable by brute force based on current computing power.

Highlight 14:
Scramble QR Code

Supports dynamic QR code verification and access through mobile devices upon successful login via mobile phone page, and supports staffs' and visitors' use.

Auto-return in: 05 s

Highlight 15:
Hybrid Biometric Verification

ZKBio CVSecurity supports various kinds of biometric verifications, such as, Palm. Fingerprint, Facial, Finger-Vein and Visible Light Facial Recognition.

Palm   Visible Light Face

Fingerprint   Face   Finger-Vein
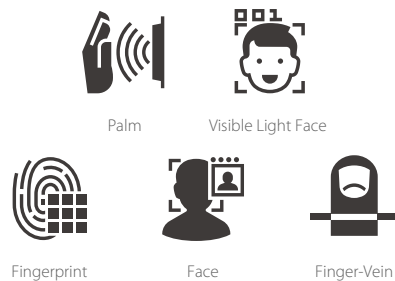
Highlight 16:
Light Mode and Dark Mode Available

ZKBio CV Security offers both light and dark tone themes for options in browser setting for personal preferences. The display is in light mode by default and can be switched to dark mode for better eye protection in insufficient light environment.
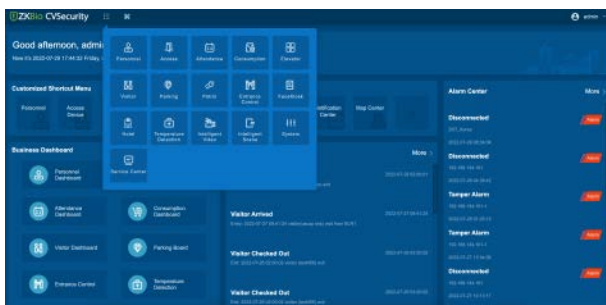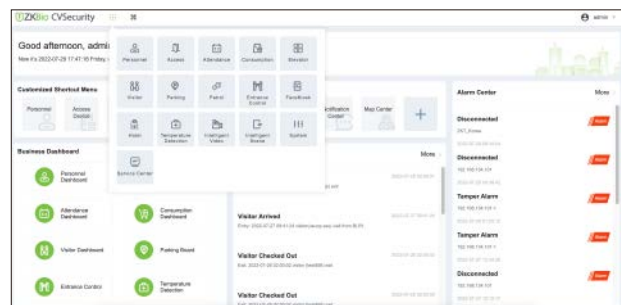
Dark Mode   Light Mode

Highlight 17:
Integrated System

ZKBio CVSecurity has already been integrated with various systems and platforms, including different notifications, map system, Digifort/ Artco/ C2P video management system and BOSCH/ RISCO intrusion alarm system.
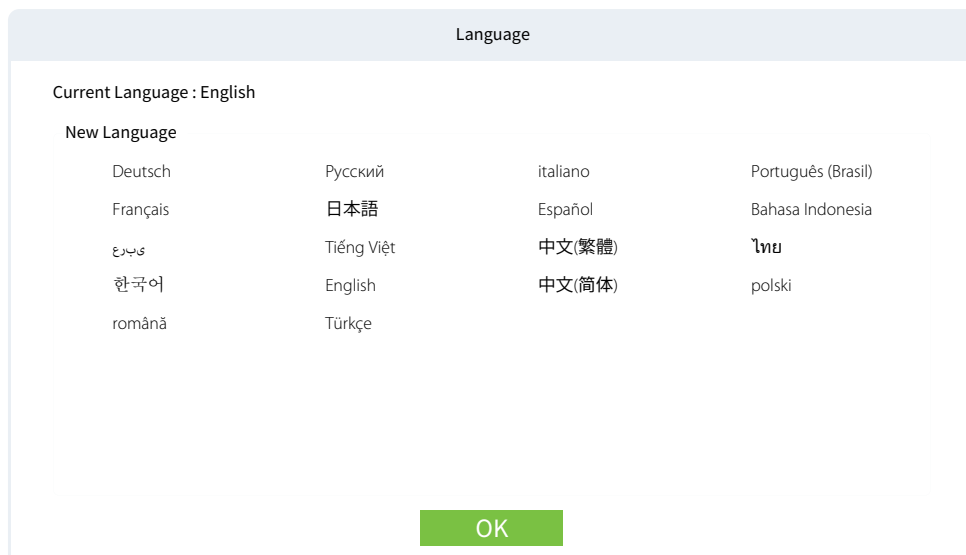
Compatible With

Message Notification

| Line | WhatsApp | SMS | Amazon SNS |

GIS Map

Google Maps   SuperMap   Baidu Map

| Google Maps | SuperMap | Baidu Map |

Highlight 18:
Self-registration of Staffs and Visitors

Enables QR code registration of personal information for both staffs and visitors, including personal images, names, email addresses and telephone numbers etc., which will be synchronized automatically to the system upon approval.

Reservation

Name

ID

Department

First Name

Last Name

Gender

Highlight 19:
Supports Multiple Languages

ZKBio CVSecurity is available in 18 different languages for user needs including Arabic, Bahasa Indonesia, Traditional Chinese, Simplified Chinese, English, French, German, Italian, Japanese, Korean, Polish, Brazilian Portuguese, Romanian, Russian, Spanish, Thai, Turkish and Vietnam.

Language

Current Language : English

New Language

Deutsch	Русский	italiano	Português (Brasil)
Français	日本語	Español	Bahasa Indonesia
عربى	Tiếng Việt	中文(繁體)	ไทย
한국어	English	中文(简体)	polski
română	Türkçe		

OK

ZKBio CVSecurity

Module Features

Personnel	Access	Attendance	Consumption	Elevator
Visitor	Parking	Patrol	Entrance Control	FaceKiosk
Hotel	Temperature Detection	Intelligent Video	Intelligent Scene	Service Center

Personnel

Personnel consists of three parts: Department management, Personnel management and Card management.

Department management is designed to set the company's organizational chart.

Personnel Management is for personnel information, departments and sub-departments (excess of 10 levels) and to maintain and manage personnel settings.

Card Management is used to manage the lifecycle of the card, including issuing the card, reporting the loss card, unreporting the loss, and customizing the wiegand format
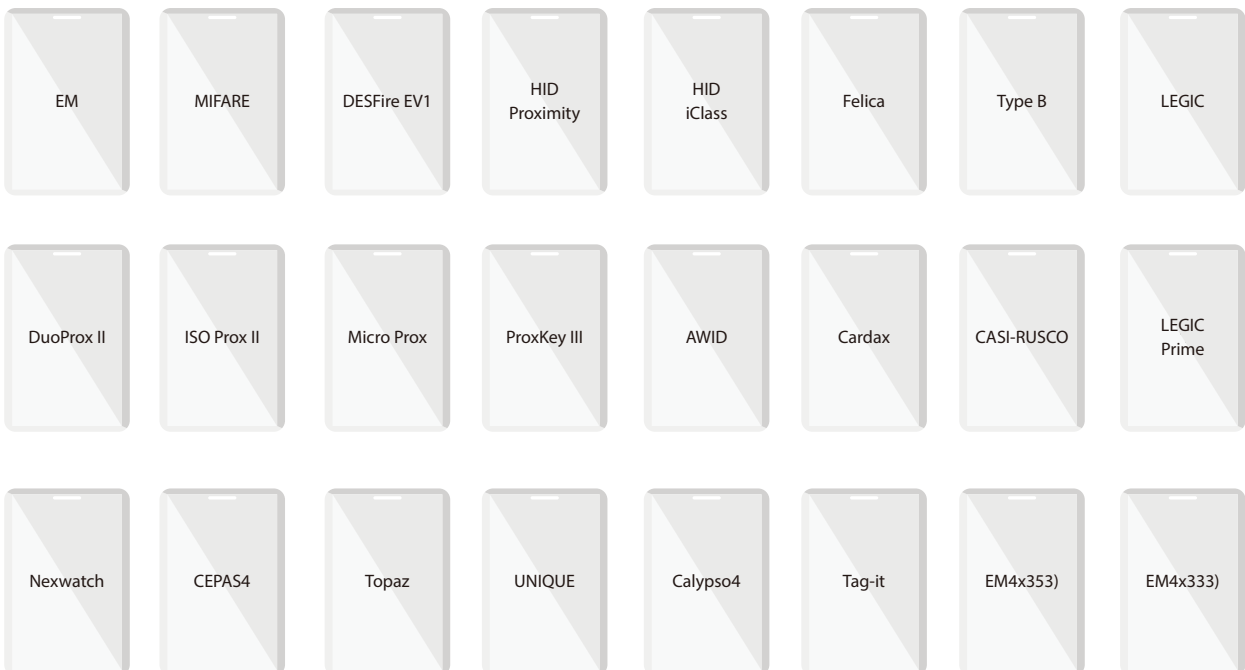
All-in-one Solution (Area/ Department)

ZKBio CVSecurity has a user-friendly all in one personnel registration interface, which can enable administrators to input employee's information and staff enrollment (including Face, finger vein, palm and RFID cards) and user's photo in one single page.
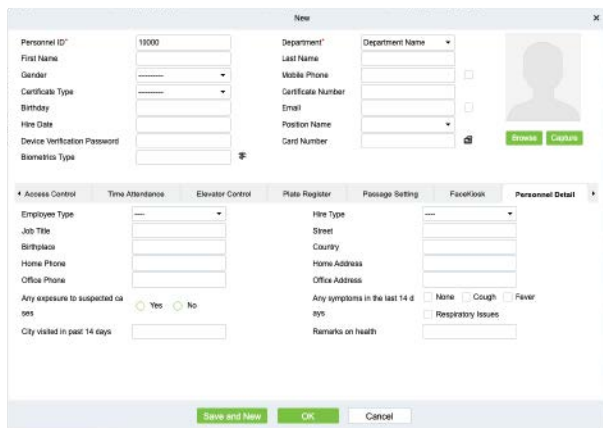
Supports Various Cards Format

ZKBio CVSecurity is compatible with most PROX card formats, such as: EM, MiFare, DesFire EV1, Desfire EV2, Legic, HID Proximity, HID iClass, Felica, Type B, ... etc.

EM	MIFARE	DESFire EV1	HID Proximity	HID iClass	Felica	Type B	LEGIC
DuoProx II	ISO Prox II	Micro Prox	ProxKey III	AWID	Cardax	CASI-RUSCO	LEGIC Prime
Nexwatch	CEPAS4	Topaz	UNIQUE	Calypso4	Tag-it	EM4x353)	EM4x333)

Statistics

ZKBio CVSecurity has an overview function for viewing the number of personnel, the number of fingerprint templates, facial template, finger vein template, card number, gender and other statistical information.

Statistics	
Statistical Type	Current Total
Male	852
Female	625
Personnel	345
Fingerprint	145
Face	365
Finger Vein	20
Palm Vein	565
Card	365
Face Picture	565

Close

This is the sample of the ZKBio CVSecurity Statistics list, as the graph shown, it can help administrators easily and clearly observe the company demographic distribution.

Supports Various Verification (Fingerprint, Finger Vein, Card…etc.)

ZKBio CVSecurity supports various kinds of biometric verifications, such as, fingerprint, finger vein, RFID cards, which submitted data will be recorded by ZKBio CVSecurity.

Biometrics Template Quantity

Biometric Template Type	Biometric Template Version	Biological Template Quantity
Fingerprint	V10.0	1
Near Infrared Face	-	-
Finger Vein	-	-
Palm Vein	V12.0	1
Visible Face	-	-

Batch import & export photos

ZKBio CVSecurity supports batch export and import photos to enhance the app management flexibility.
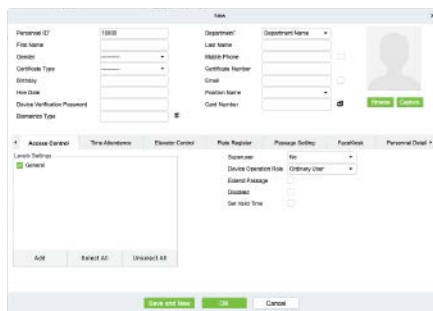
High-speed Portable HD Doc Scanner Supports

User's Information Capturing + Passport Photo + OCR Recognition

During visitor registration, it supports one-click capture of users' portrait image, passport photo and saving, and uses OCR function to automatically read identity document (identity card, passport etc.) and fill in effective information in order to realize quick registration.

PASSPORT

• **Passport Photo + OCR Recognition**
OCR function automatically reads identity document

• **User's Portrait Capturing or Uploaded from the local PC**
One-click capture of employees' portrait image

OCR

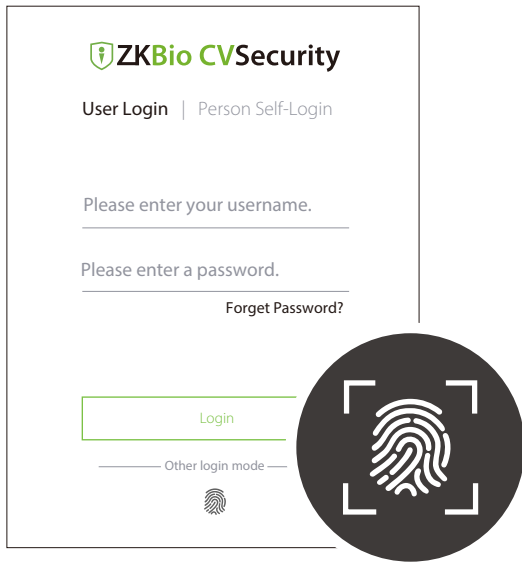## Active Directory with the Database Field

User can call different fields from the AD Sever to map with the database fields, ZKBio CVSecurity almost opens all the field options that are available.

AD field setting

Database Fields	Import AD fields
Personnel ID	Description
First Name	name
Last Name	Last name
Department Name	Department
Mobile Phone	Mobile
Email	Email
Birthday	Street
----------	----------

◀ User can choose different fields up to user's decision

If the pre-set AD fields and Database fields are not enough for the user, ZKBio CVSecurity open extra fields for users, and user can setup both database fields and AD sever fields.

ZKBio CVSecurity

User Login | Person Self-Login

Please enter your username.

Please enter a password.

Forget Password?

Login

—— Other login mode ——

Fingerprint Login

After user registration, admin can login the system by fingerprint verification, which improves both convenience of management and security level of workplace.

System Monitoring

The system monitoring function displays server processor usage, host memory usage, processor information, memory information, java virtual machine memory usage and other information, keeping quick operation speed of your server and computer.

Processor Usage
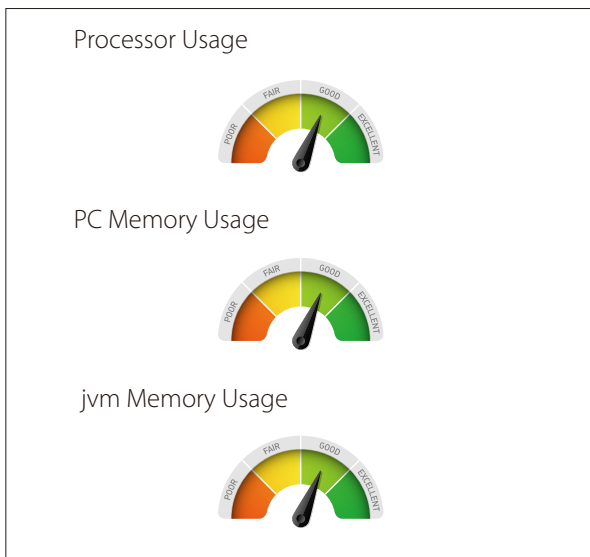
PC Memory Usage

jvm Memory Usage

Photo Importing to System

ZKBio CVSecurity allows admin to import employees' photo by single or compress package. Maximum 3000 JPEG can be uploaded each time, and it would be efficient for users to import a batch of picture into the system.

Maximum 3000 JPEG Upload/ batch

Card Formats Test

Admin can use the "Card Format Testing" function to have a simple and quick check of the door card. When the card number does not match the one displayed on the system, user can use the function to calibrate the Wiegand format.
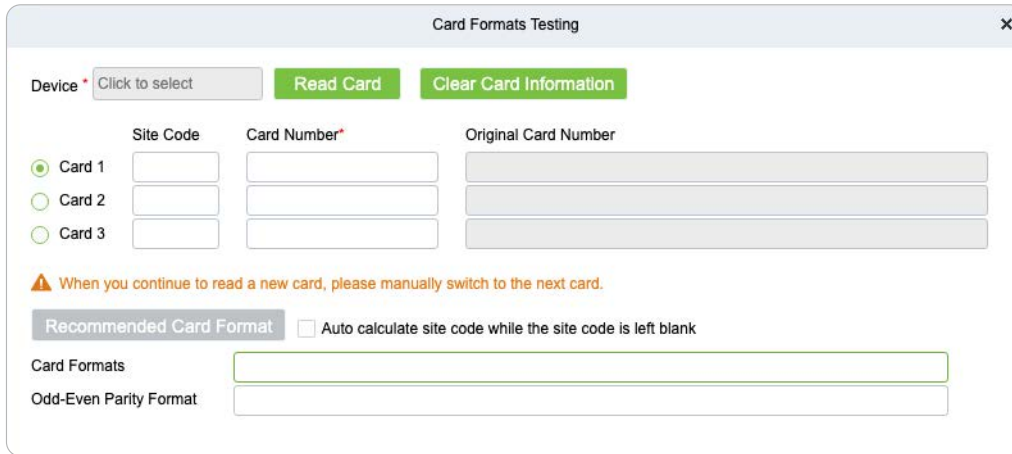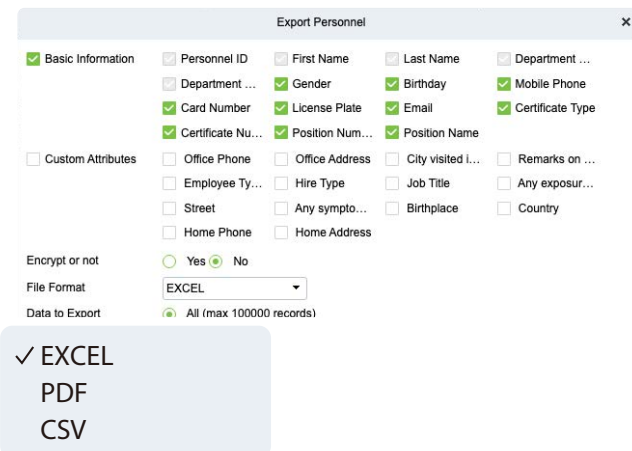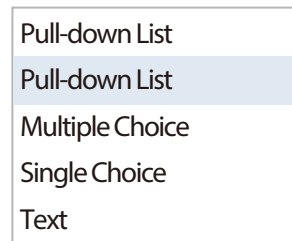

Export/ Import Personnel Information

Personal information can be selected or multi-selected to import and export. User just simply select the field of various information that contains the items you need, the selected contents as this tends to be shown in the table.

Selected item can be Personal; First Name; Last Name; Department; Gender; Birthday; Mobile Number; Employee Card Number, License Plate Number; Email; Certificate Type; Certificate No…etc.

✓ EXCEL
   PDF
   CSV

Exported file could be either Excel, PDF and CSV format.

Supports Customized Attributes

Multiple contents of field available including drop-down list, multiple choices, single choice and text etc. for customized storage and display.
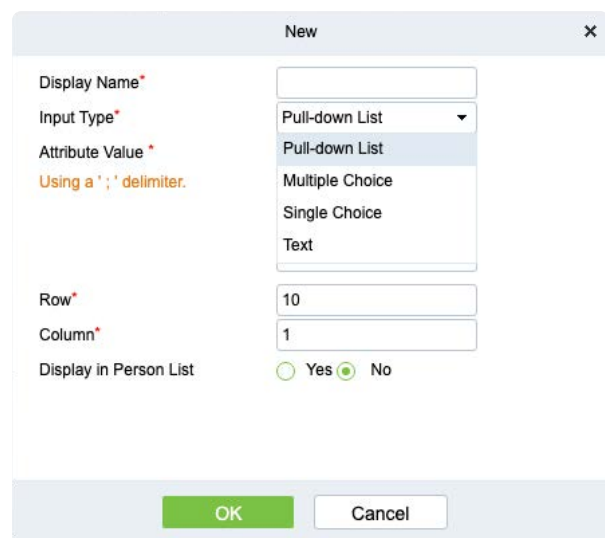
Card Management

Batch card issuing, report loss, reactivate lost card and cancellation of report loss.

Access Control Module

Access Control is web-based management system which enables advanced access control functions, management of networked access control panel via computer, and unified personnel access management. The access control system sets door opening time and levels for registered users.

Facial Recognition Access Control

With the combination of ZKTeco NVR and standalone terminal or camera, access control can be actualized with the interlinkage of facial recognition and access control devices. Upon facial image capturing of the cameras, identity verification will be performed and the access control will be triggered to open doors for access. Users no longer need to stay in front of the devices and wait for verification, enabling enhancement of user experience with better convenience and efficiency.

Global Linkage

This is a function that generates or triggers an action based on a condition (action-reaction), which is one of the highlighted features of ZKBio CVSecurity. It automates system cross-platform interactive functions and notifications system. There are multiple tiers to the alert process including relay inputs and outputs, and email notification.

Output point

With Global I/O, the "Output point" allows administrators to configure linkages where multiple events can be linked to any other input/ output/ events in the system. These linkages can be activated by various events with different access levels. Invalid cards, unrecognized fingerprints and motion detection might trigger correlated outputs, alarm outputs.

Voice Prompts

Users may upload customized voice prompts for different triggered events.

Video Linkage

This allows the system to automatically deliver an email to notice administrators once particular events occur.

Email Notification

This allows the system to automatically deliver an email to notice administrators once particular events occur.

Integration with SMS, Whatsapp and LINE Application

ZKBio CVSecurity is integrated in SMS, Whatsapp Amazon SNS and line mobile application to send a notification of attendance logs, absent from work and early leave message to messagner in real-time. It can also send daily attendance reports to the Team Leader through SMS, Whatsapp and LINE Application.

Global Anti-Passback

Anti-Passback is designed to prevent authorized and/or unauthorized personnel from entering and exiting an area without presenting proper credentials (i.e. tailgating). This security function eliminates users from sharing an access card or password and having several users accessing with the same credentials.
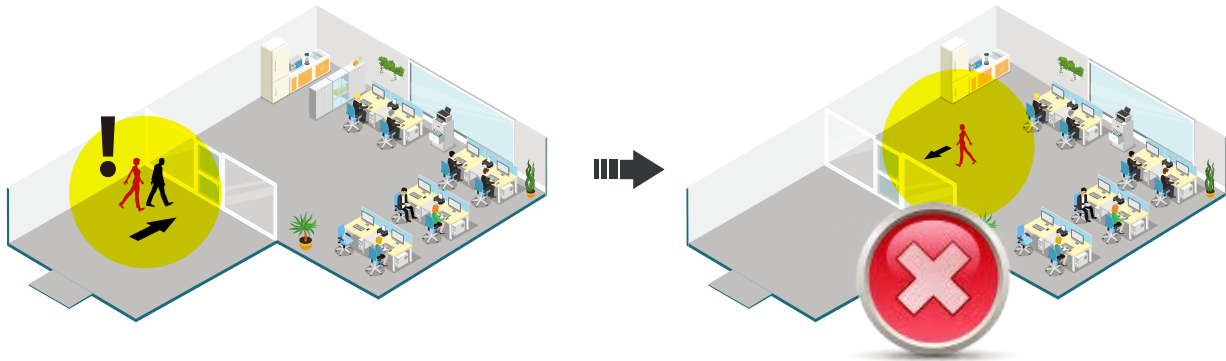
When a person enters a controlled area without authentication, as the red-coloured person in the image below, that person will be detained in the area, even if he/she has the access rights to the area. Administrative personnel will have to override the system to allow the unauthorized person to exit then enter the area in the future.

Global Interlock

This advanced security function elevates the security level by interacting with different security areas. Interlock is designed to prevent personnel or visitors from opening more than one door at a time, even if the persons have the multiple door access authorities. This function precisely appoints access authorization including activations of access authorization of specific doors when the correlated doors are locked properly. Most commonly used in man-traps.

One door is open, at the same time, the others cannot open

Who is Inside

By using the "Who is inside" function, administrators can verify how many people remain in a specific area/room, with detailed personal information and access time. This function is typically used in a disaster situation where mustering is required.

Zone

John Wilkinson is inside the Area A

Personal ID	First Name	Last Name	Department	Last Access Time	Last Access Reader
018964	John	Wilkinson	Account	5:00pm	015635

Access Limitation

Allows administration the ability to limit the number of people in a limited space. Example: If a room is reserved for 10 people, the system can be programmed to accept only 10 authorized credentials, when one person leaves another person can enter constantly keeping the number of occupants at 10.

Maximum reserved for 10 people
Access Control only allows 10 people to access

E-Map

E-Map enables administrators to have a clear and accurate view of all event points. With its cutting edge multi-level E-map structure, administrators can simultaneously monitor multi-levels / areas events.
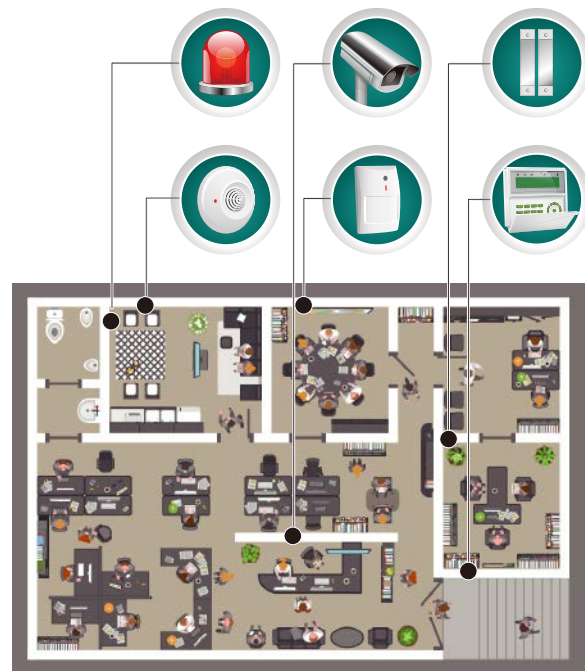
Access Control Time Zone (Card/ Fingerprint)

Allows administration to set specific time zones during the day that specific credentials are valid. Example; During the normal business hours the records room can be access with a RFID card, however after 5:00 a person would be required to use the RFID card as well as palm, finger-vein, visible light facial recognition, fingerprint, facial recognition and password. Multi-authentication during specific time zones.

Auxiliary Input and Output

• Auxiliary Input:

Used to connect to devices, such as, the infrared sensor or smoke sensor, exit button, contact sensor, door contact and intrusion alarm.

• Auxiliary Output:

Mainly connected to alarm, it is used when linkage is working, such as, burglar alarm, alarm, LED light, buzzer.

Alarm Siren   Smoke Detector   Motion Sensor

Glass Break Detector   Security Camera   Door Contact   Alarm System

Flexible and Editable Text Function for
LED / LCD Display Panel

ZKBio CVSecurity provides a programmable LED / LCD display function to show real time and editable "who is inside" personnel information. It allows for users to generate reports showing where card holders are within a facility. As a card holder swipes he/she will be granted access to the area and his/her name and location will be simultaneously shown on the connected LCD screen.

LED Display

LCD Display

LED / LCD display to show who is inside the specific area

Remote Lock-Down

Administrators can remotely open/close and/or lock down all or selective doors on the system. When in 'Lock-Down' all access is overridden until lock down is deactivated.

When the "Active Lockdown" command is activated, all doors will be locked at the same time

Muster Point

Users may designate any access control device in a particular position as the Muster Point. In case of emergency, the linkage system triggers the activation of the Muster Point to open the door, and the access control device can thus identify and automatically count the number of escaping people in the monitored area.
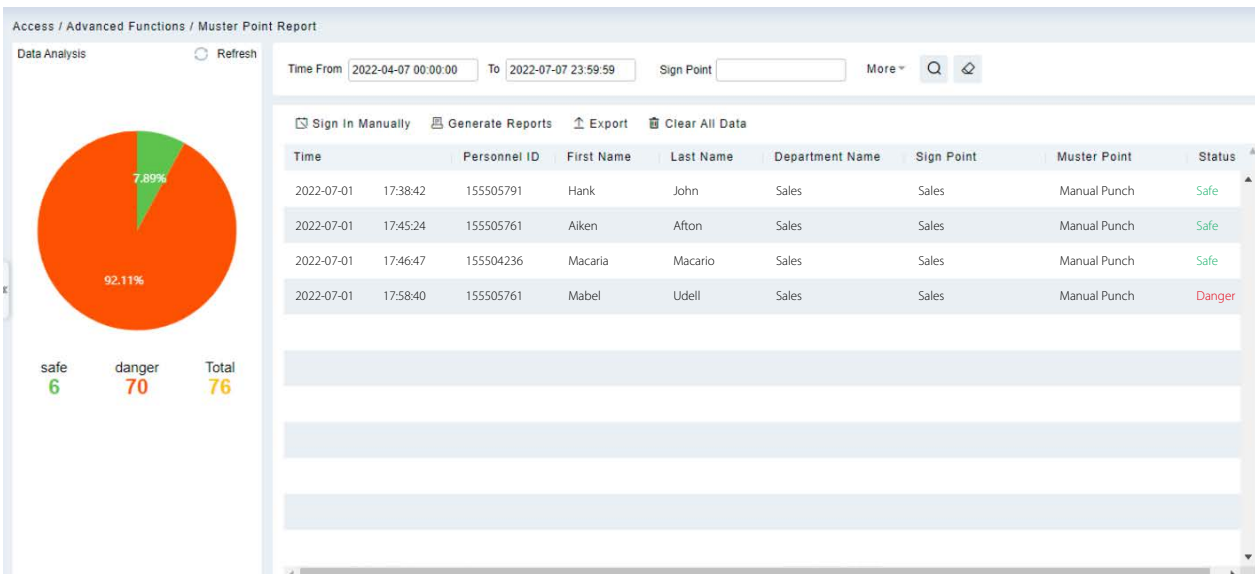
Real Time Monitoring

ZKBio CVSecurity enables users to monitor the entire system, real time, by showing all the detailed status, including any abnormal situation at a door with support of video linkage and photo capture pop-up when an abnormal security event occurs.
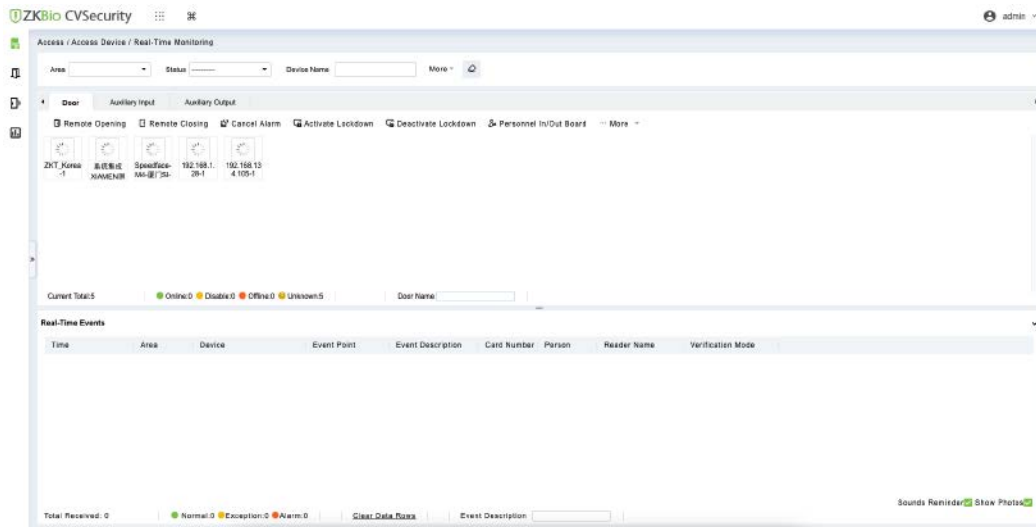
Icon	Description
	Door opening timeout, Relay closed / Without relay status, Door Sensor Opened
	Door opening timeout, Relay opened/ Without relay status
	Door opening timeout, Relay closed / Without relay status, Door Sensor Closed
	Door opening timeout, Relay opened/ Door Sensor Closed
	Door closed alarming, Relay closed/ Without relay status
	Door closed alarming, Relay opened/ Without relay status
	Door sensor unset, Door alarming, Relay closed
	Door sensor unset, Door alarming, Relay opened
	Door opening timeout, Without relay status/ Door sensor closed
	Door locking
	Device banned
	Door offline
	Door sensor unset, Relay closed/ Without relay status
	Door sensor unset, Relay opened/ Without relay status
	Online status door closed, Relay closed/ Without relay status
	Online status door closed, Relay opened/ Without relay status
	Door opened alarming, Relay closed
	Door opened alarming, Relay opened

Transaction Auto-Export

The auto export function now provide option to user to export your report and data by day or by month, thus the system of ZKBio CVSecurity will send out the daily and monthly report automatically.
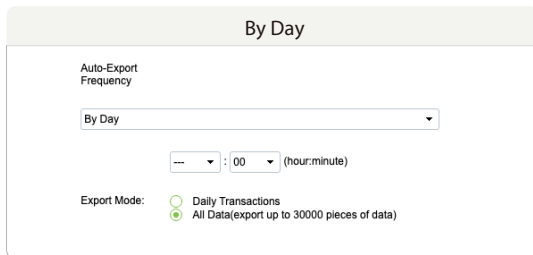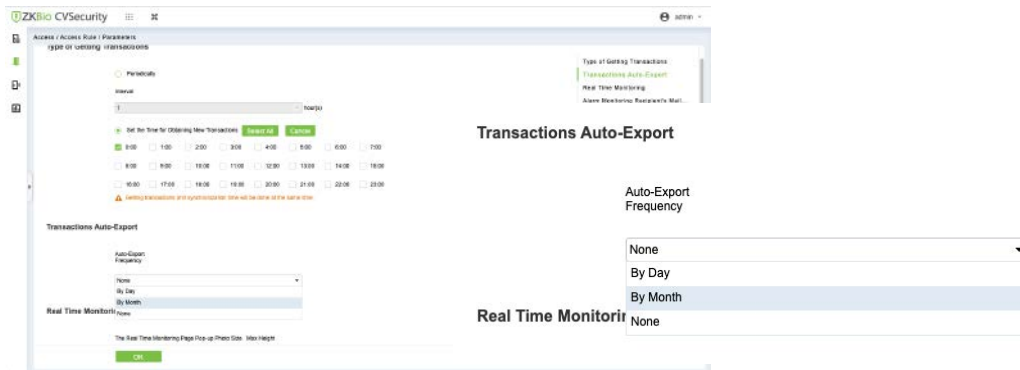
By Day	By Month

By Day option:

A daily report the admin will auto receive a daily report via email.
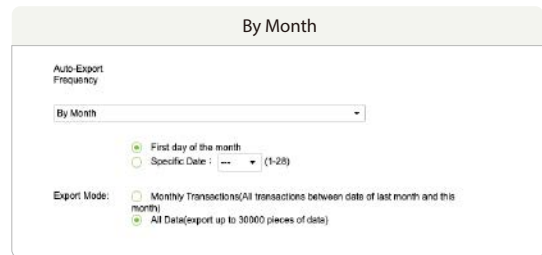
By Month option:

User can choose either first day of the month or specific date to receive the monthly report.

Custom Rule for Various Department

User can based on their need to develop their own "Group" or "Department" rules in the software of ZKBio CVSecurity. For example, sales people shouldn't be in office anyway, they always leave office earlier as sales person always work outside to meet with their clients. Admin can therefore made a custom rule to sales department for ignoring them the time checking of "late and early leave".

Group

Sales Department

Limited Entry by Access Level and Time Zone

ZKBio CVSecurity is extremely flexible, allowing the administrator to schedule holidays, half-time days and special access for different access level. The access control can also be allocated based on time zones, floor levels, employees' designation or department. The admin will also get a notification if there is any unauthorized entry.
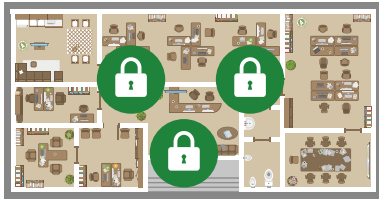
Monday - Friday
All Doors Open
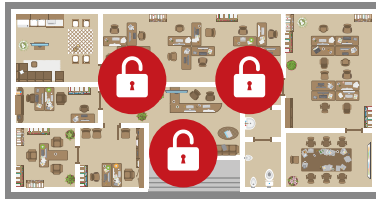
Saturday - Sunday
All Door Close
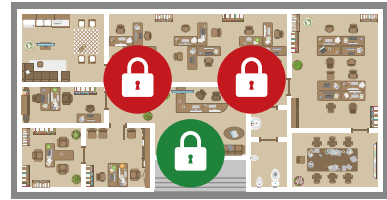
Public Holiday
Door Selective Unlocking

Device Management Supports

The system supports batch management of devices, including functional parameter setting firmware version upgrade and recovery. Supports batch management of devices. The same setting can be applied to all selected device.
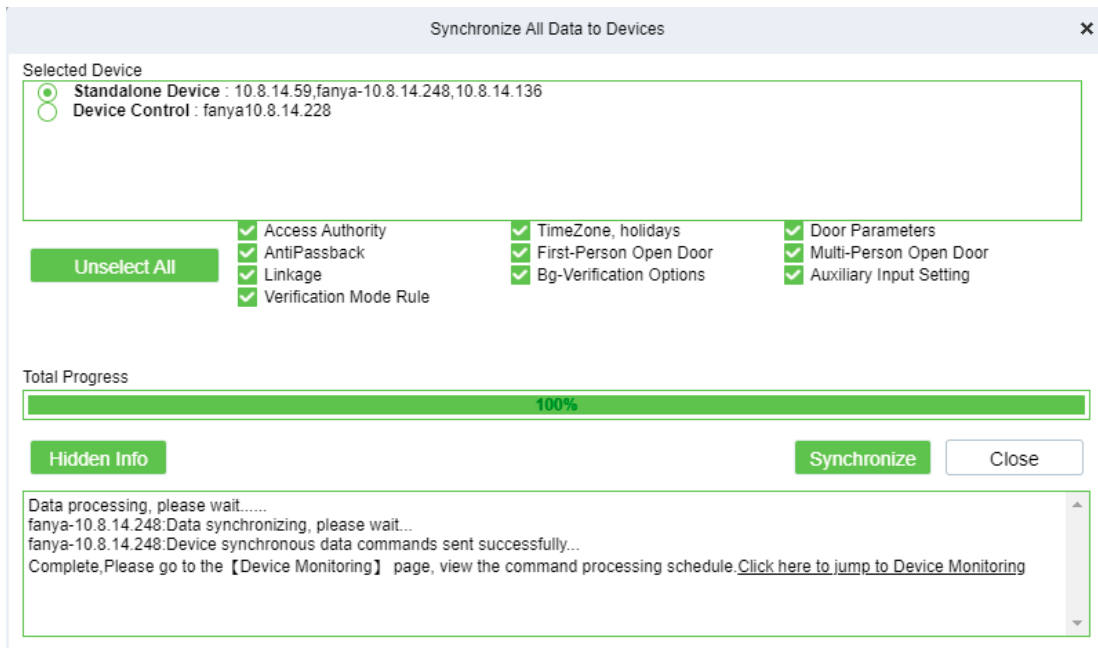
Report

The ZKBio CV Security Access Module generates several reports including daily attendance, leave summary, monthly detail, monthly statistical, department reports, annual reports and scheduled automatic reports.
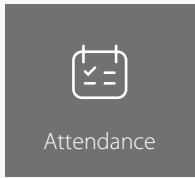
Time & Attendance

Attendance

As an "All in One" security platform, the ZKBio CVSecurity contains a web-based time & attendance module. Administrators can manage the Time & Attendance module from anywhere they have access to the Internet. Moreover, this is an powerful time & Attendance system, which can handle most of the complicated time & attendance circumstance, such as, flexible shifts, multi-level OT, cross day shift and online leave application with multi-level approval.

Flexible Group Scheduling

ZKBio CVSecurity provides flexible group scheduling in the Time & Attendance module, providing users to group their employees, the entire company and individual departments with the same attendance rules. Users have the ability to set attendance parameters like check-in, check-out and overtime rules.

Set Attendance by Area & Set Attendance by Person

Personnel Area Setting function is divided into "Area" and "Person".

- Area: Based on the area name to show all of the employee and staff's attendance information within the division.

- Person: Based on the employees and staff ID to display the attendance record.

Employee Self Log-In

Employee Self-Log-in is a cutting-edge function for employees to enter the server to perform job-related functions anywhere and anytime. An employee can up-date personal information, leave an application, submit and exception, including OT, manual punch-in, shift adjustment, etc., and request a self-report inquiry.

ZKBio CVSecurity

User Login | Person Self-Login

Please enter your username.

Please enter a password.

Forget Password?

Login

──── Other login mode ────
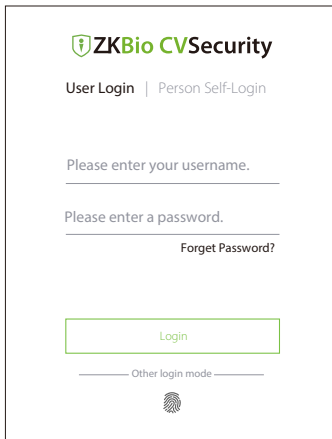
Employees can:
• Apply leave
• Apply manual punch
• Apply overtime
• Self Report Enquiry

Merge with 3rd Party HR Management System

In order to extend the ZKBio CVSecurity functionality, ERP and HR integration is possible by generating automatic data with custom attributes , such as, staff name, department, area, staff ID, etc.

ERP

Multiple Attendance Methods

ZKBio CVSecurity supports multiple devices to be the time attendance point, such as Access Control Terminal LPR and Smart Camera, the original attendance transaction record and report could be exported and used for multiple used afterward.

17:00

Video

Flexible Shift Scheduling

There are different T&A shift requirements in different industries, some of them are subject to chaos situation, such as, retail, F&B and patrol guard, a shift management with flexibility is essential for their operation management.

New		
Adjust Type		
Personnel Number		Adjust Personnel ID
Name		Adjust Personnel Name
Department Name		Adjust Department Name
Adjust Date		Adjust Date
Remarks		
	Save OK Cancel	
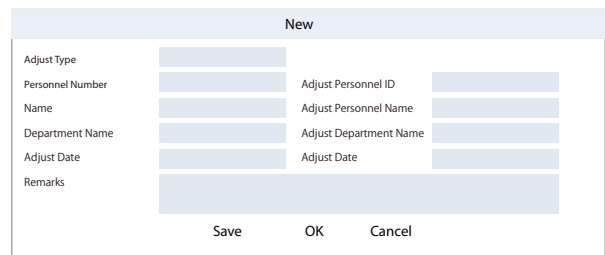
Multi-Level Approvals and Automatic E-mail Alerts

Leave, manual punches, overtime, schedule adjustment and other events can be applied through ZKBio CVSecurity platform, which will then be approved by multi-level approvers who are set by hierarchal level.

E-mail notifications about the application are sent to the authority to approve.

Manager

Assistant Manager

APPROVED

Senior Manager

APPROVED
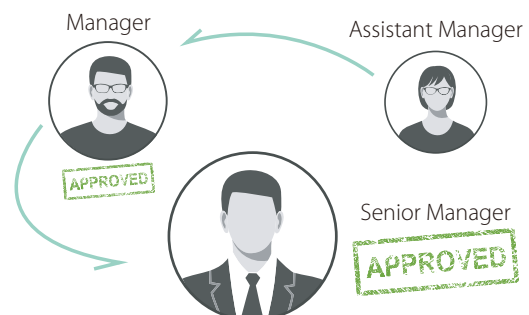
Access Control and LPR Attendance Tracking

Unlike most Time & Attendance systems on the market, ZKBio CVSecurity can link with the access control terminal and panel linked to the LPR (License Plate Reader) Terminal and retrieve records for time & attendance calculations.
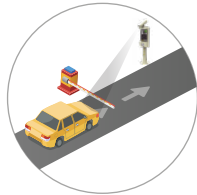
LPR Camera scan the number on the license plate when vehicle is approaching its reading range
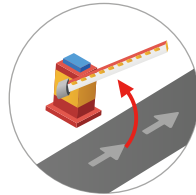
Parking barrier is lifted once the verification is confirmed

Attendance recorded

Multi-Location

Users can access the centralized system anywhere by their web browser to remotely manage thousands of standalone terminals and controllers under wide area network (WAN)

USA
Office

Australia
Office

France
Office

Roll Call

Real-time attendance taking and quick statistics of absent personnel.

No Check-in Person

Personnel ID	First Name	Department Number	Department Name	Status
100050761	Connie	0421	Content	Absent
152015424	Eric Bailly	0254	Technical	Absent
152586641	John	0012	Sales	Absent

Check-in Monitoring

Personnel ID	First Name	Department Number	Department Name	Status
100548751	Andy	0236	Sales	Check In
123688512	Ashley	0236	Sales	Check In
103569984	Ivan	0025	Sales	Check In

Report

Attendance Module supports to generate reports for administrators, such as, Daily Report, Leave Summary, Monthly Detail, Monthly Statistical, Department Report, etc.

Consumption Management

ZKBio CVSecurity consumption is a desktop-based restaurant management software module designed to offer restaurants all necessary and useful tools to speed up service and increase efficiency of operation. The customizable options offered in the system is ideal for any restaurant type including fine dining restaurants, bistros, fast food chains, cafes, bars, etc. ZKBio CVSecurity consumption module helps staffs to complete their tasks efficiently in line with their operational style and business.
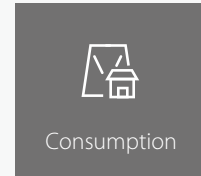
Consumption

Diversification of Equipment Use and Consumption Mode

Users may switch the device usage to consumer machine, cash register or subsidy machine any time to meet the multi-scenario consumption demand. Users may also choose to set consumption modes: fixed value mode, amount mode, key value mode, counting mode, commodity mode and timing mode.
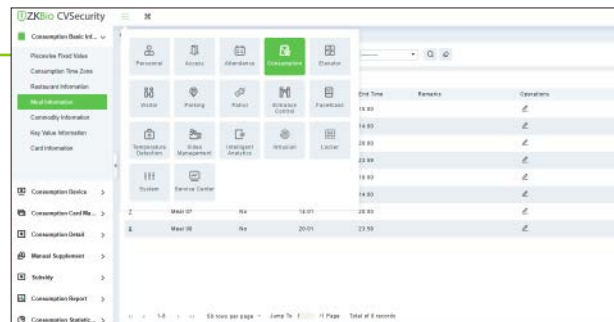
Supports Card Management and Multiple Card Operations

Users may conveniently modify card information, issue card, return card (support non-card return card), replenish card and other card operations, at the same time it is able to recharge, refund, all card information, card and cash receipts, loss details will be recorded for the convenience of inquiry and system management.
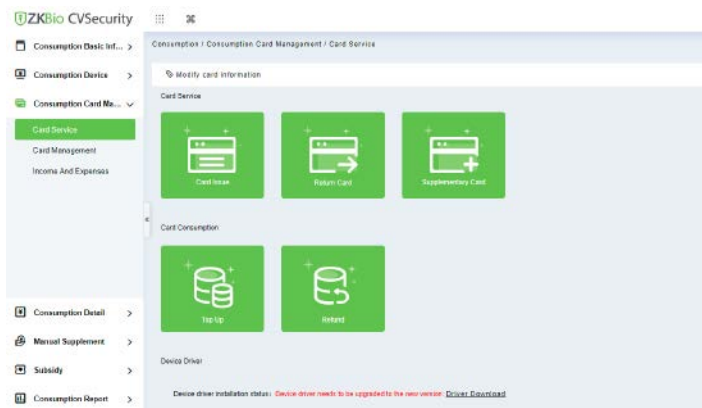
Export Consumption Details Report EXCEL/ PDF/ CSV

Personnel consumption details report supports exporting to EXCEL/PDF/CSV format, and consumption report is screened according to the time period required for the query, everyone can have a clear idea about consumption.
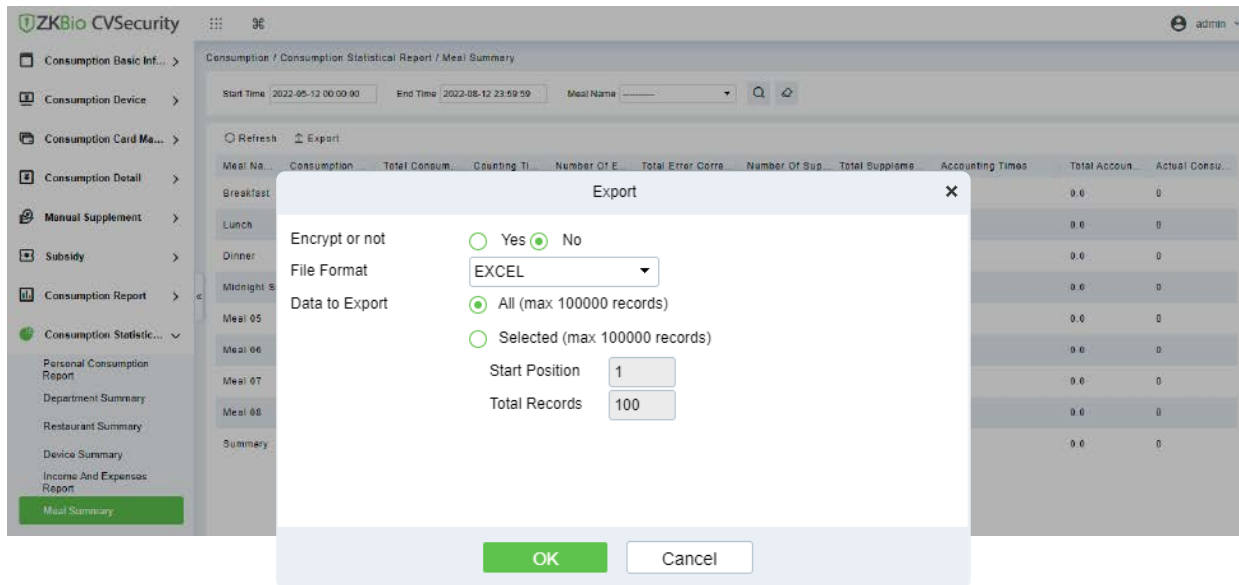
Subsidy Management

Attracts an increasingly wide audience by offering benefits to customers who are loyal to your store or to regular guests of your restaurant. With the ZKBio CVSecurity's consumption module, you can offer special prices to specific categories of customers or companies.

Subsidy collection process:
1. Software registration subsidy.
2. After approval of approval issued to the online subsidy machine.
3. Personnel on subsidy machine to swipe card to receive subsidies.

Software registration subsidy

Subsidies approved via ZKBio CVSecurity

Swipe card to collect subsidies

Consumption Hardware Display

ZKBio CVSecurity currently supports Promerc-10, promerc-20 consumer terminals, connected via TCP/IP, which makes it easy for administrators to set up device usage, consumption mode, and operate card issuance in the background to link hardware to manage consumption systems.

ProMerc-10   ProMerc-20

Report

The consumption report includes 9 kinds of statements such as issue card table, top up table, refund table, subsidy table, card suspend and resume table. The statistical report includes personal consumption statistics table, department summary table, restaurant summary table, equipment summary table, receipt, Summary table, meal summary table
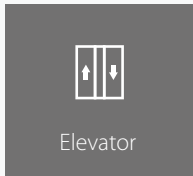
Elevator

Elevator Control is designed to control the elevator access authentication, to manage personnel's access rights (using RFID card, Fingerprint, and other Biometric technologies) to different floors and supervise elevator events. Users may set registered user's right to floors and interact with the access control module to achieve the one stop management purpose. Only the authorized users can access to certain floors and doors within a period of time after being authenticated.

Elevator floor level control

Solution 1: EC10+EX16(Supports Maximum 58 Floors)

ZKBio CVSecurity has designed a unique function for elevator control, the EC10 panel and EX16 floor extension board, it provides customers the most secure, scalable, versatile and affordable access control solution available today for elevators. It supports maximum 58 floors elevator.
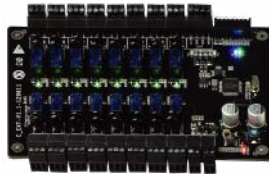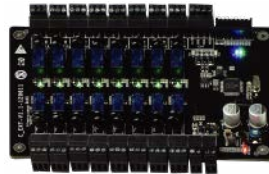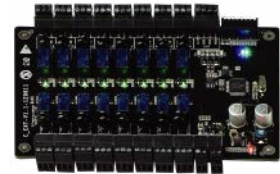
| EC10 | EX16 | EX16 | EX16 |

$$= 58 \ Floors$$

Global Linkage

Elevator control supports the global linkage function to trigger events / alarms once condition fulfilled, such as, unregistered personnel, illegal time zone access, duress verification, etc. The photo capture and video recording also are the highlight of this function.
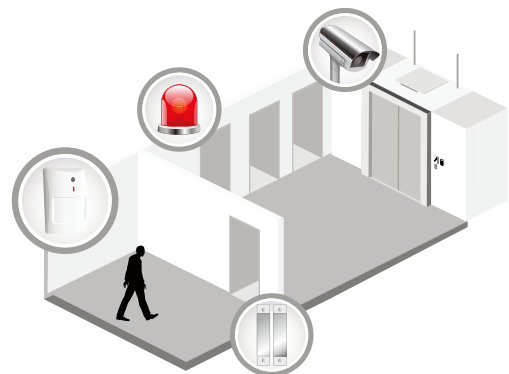
Elevator Operation Limitation by Timeslots

The integration with ZKTeco's products also enables to limit elevators' operation in specific time. For actual implementation, if the elevator control is set to stop operating to go upward between 9:00 p.m.to 7:00 a.m., Unauthorized persons will only be allowed to go downward even with cards for floor access.

9:00pm - 7:00am
Going Upward Disallowed

Elevator
Floor Assigned

9:30pm

9:30pm
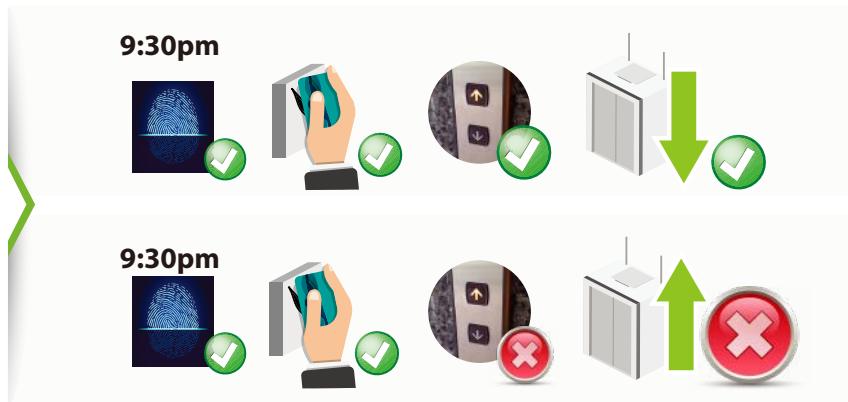
Report

Elevator Control Module supports to generate reports to summary all transaction, exception event, and access right (by floor or personnel).
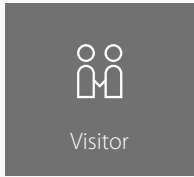
Visitor Module

Visitor Module is a web-based management system that implements entry registration, exit registration, snapshot capturing, visitor quantity statistics, reservation management and shares information among registration sites. It is highly integrated with the access control system and elevator control system. It is generally used at reception desks and gates of enterprises to manage visitors.

Multi-point Visitor Registration Management based on Web

Supports setting of visitor registration points, multi-point registration visitor management, and mutual sharing of a publicized management database.
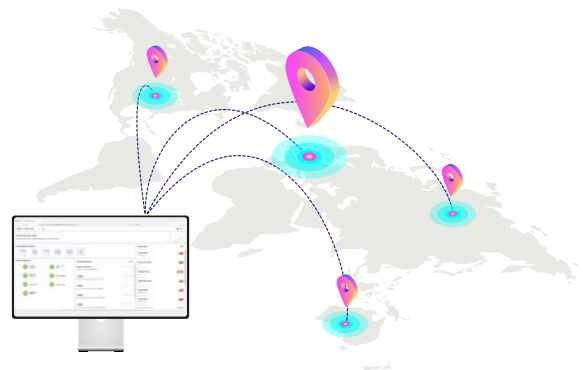
E-mail, WhatsApp, LINE, Amazon SNS and SMS Notification Functions

During visitor registration, in case of overtime visits, visitor registration, overtime visitor registration, visitor checking out, monitoring lists, the system will deliver e-mail or SMS notification to visitors, recipients or managers in registration site. SMS and e-mail templates support customization, templates with different contents, delivery rules and recipients according to conditions can be customized. If it is set to deliver in day of visit, all notifications will be delivered to the specific recipients on specific time.

| Email | WhatsApp | LINE | Amazon SNS | SMS |

If there is an overtime visit, the system will deliver e-mail or SMS notification to visitors, recipients or managers in registration sites.

Name Here
online

Today

Check-in Visitor Name: Walton
Certificate Type: ID
Certificate Number: 1011
Company: ZKTeco
Visitor Reason: Visit
Enter Time: 2021-01-14 05:12:10
Host Name: Baden
Host Department: Marketing
Operator: Admin
Visit Number: 20142025
Entrance: Front Door
Mobile Phone: 852 98504490
Gender: Male
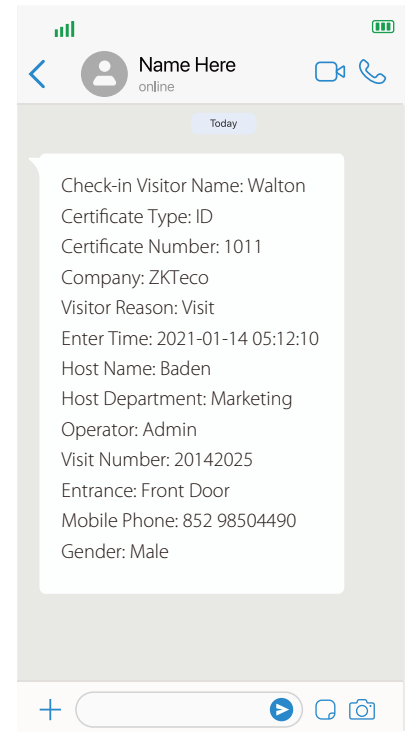
Visitor Management

Invitation (optional): For invited visitors, they invited may click the hyperlink sent via email or SMS for self-registration. Upon arrival, if reservation is not made, visitors may have self-registration, swipe-code registration or manual registration in the front desk.

If reservation has already been made, visitors may swipe codes of faces for verification to obtain access.

After registration of taking attendance, visitors' access right will be delivered to the devices, users may access upon successful verification in the authorized area devices of access control, elevator control and meeting rooms etc.

Finishing Visit: Over-time Automatic Sign-out, Verification and Sign-out in attendance points, and manual front desk sign-out

Invitation to Reservation

Visitor Receives an Invitation Email

Scans the QR Code in the E-mail for Online Reservation

Gets another QR Code

Visitors could drive and use the assigned parking space

On-site Self-Service Reservation

Visitor Walks-In

On-site Reservation

Gets a QR Code

Checks-In by Facial Recognition or QR Code Scanning

Manual Registration at the Front-Desk

Visitor Walks-In

Goes to the Front-desk for Registration

Entrance Control

Elevator Control

Access Control

Leaves and Checks-Out

Generation of the Visitor's Access Record

Visitor Module Supports Visible Light Facial Recognition

Client can use the photo capture function in the visitor registration page to register visible light facial templates, and share with all Visible Light Facial Recognition Terminals.
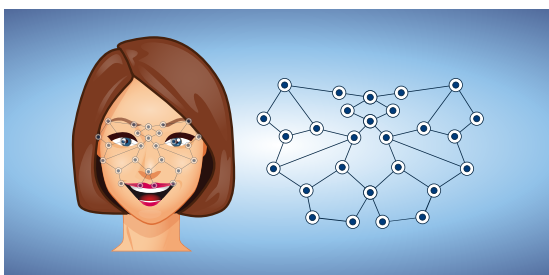
Face template registered
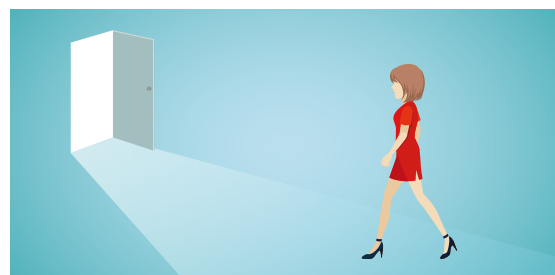
Visitor get access to door

QR Code Safe Entry Solution for Staff and Visitors

Mobile QR Code Check-in enables both staffs and visitors to complete touchless check-in process, by utilizing their own mobile devices to scan QR codes for access of secured areas.

Scramble QR Code for Better Security

In order to prevent unregistered people from gaining access by copying QR codes or barcodes without permission, the images of QR codes and barcodes in the URL can be set to dynamic (scramble), which means that the QR code images will be automatically changed in every 10 - 30s (adjustable). Administrators no longer need to generate new set of QR codes to update visitors' entry content anymore.

Automatically changed in every 10 - 30s (adjustable).

After visitors' registration, it enables interlinkage and delivery of QR codes to visitors for access control verification.

Maximum Visitor Check

In order to provide a secure visitor management system for a number of visitors visiting the office building, ZKBio CVSecurity has a function of maximum number of visitor check. Once the number of visitors on the day reaches the default upper limit, prompt pop up will be delivered when Admin enters the registration page.

Maximum visitor check
☑ Open single-day maximum visitor visits monitoring
    Maximum number of visits 100
☑ Open single-day single-person maximum visitor visits monitoring
    Maximum number of visits 30

Integrated Device to Improve Visitor Registration Speed

- OCR devices recognizes over 190 countries' passports and identity documents, and automatically fill in relevant visitor information.
- ID readers supports partial countries' identity documents, and automatically fill in relevant visitor information.
- Printers print visitor tags and visitors which are customizable.
- USB cameras and fingerprint readers quickly register visitors' fingerprints and faces.

| USB Camera | USB Fingerprint Reader | OCR | ID Reader | Printer |
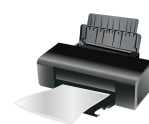
Grouping of Visitors and Duplication of Authorization Information

Supports visitor pre-registration in batch (through document import of visitor information), attendance in batch and sign out in batch.

Quick duplication of information including visitor authorization group, time and persons visited etc. for higher efficiency of the registration of re-visits.

Group

Group and Clone

Group

Add Watch List

Add to Watch List function helps to mark special visitors. such as VIP, block list user. The system will automatically prompt the visitor information and visit history when register the same visitor again.

Privacy Protection of Visitors' Data

Supports customization of visitors' privacy agreement, relevant notification will be prompted upon visitors' registration.

Report

Visitor module can summary useful information of visitor last visited location and visitor history.
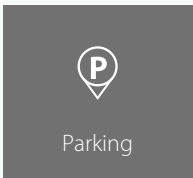
Parking Management

Parking

Automatic and intelligent vehicle management effectively and accurately monitors and manages vehicles at all exits and entrances via different criteria.

Automatic License Plates Verification
(with LPR camera, integrated LPR Car ID And Supports 80+ Countries LPR)

LPR technology is an application of computer video image recognition technology in license plate identification area. Its operation starts when the vehicle is located at the entrance of the parking lot, the LPR camera will scan on the license plate characters, and its recognition technology will identify the license plate number, color and other information. If the number on the license plate is valid, the car park barrier will lift for access, otherwise, no access will be allowed.

DFG-7895

LPR Camera scans the number on the license plate when vehicle is approaching its reading range

Boom Barrier is lifted once the verfication is confirmed
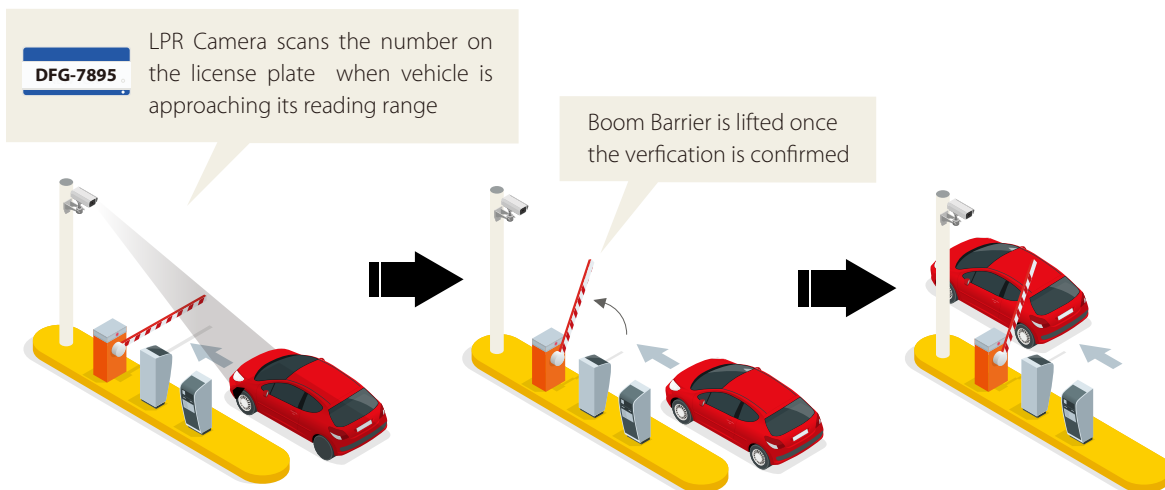
Payment and Charge Management

ZKBio CVSecurity offers an advanced option for users to pay on their parking when they are entering into the car park. Users may simply present cards at the entrance, and pay charges when leaving the car park.

Present a card over the reader.

Present a card over the reader.
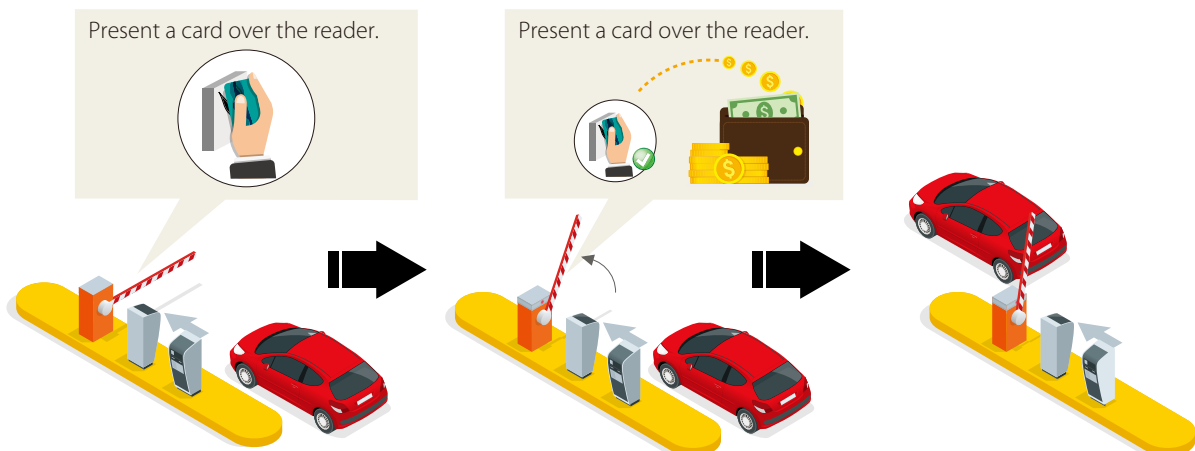
Two-factor Authentication of Facial and Number Plate Registration

Two-factor authentication with facial recognition and license plate recognition enables extra security protection. The LPR camera scans and identifies license plates when a vehicle drives into the reading range. Then the system automatically searches the registered face image of the driver accordingly in the database for facial recognition. If both license plate number and facial recognition result match with the data in the database, the car park barrier will be lifted for access. If not, access will be denied.
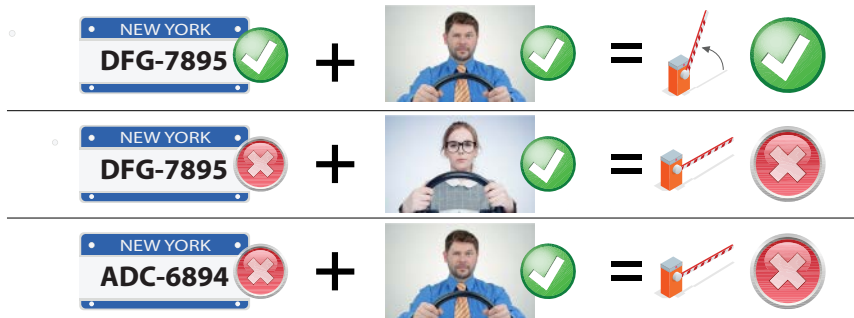
Supports Parking Offline Mode

Offline mode refers to that the LPR terminal itself can save templates and finish the authorization process even in offline environment, the LPR system can still operate smoothly and fine. Meanwhile, under the offline environment, the templates and data cannot be updated.
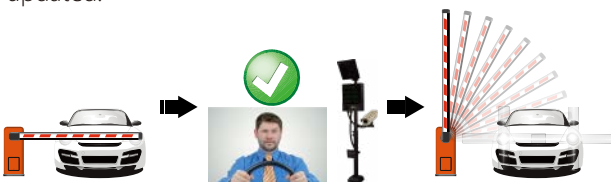
People and vehicle can get access without network

Real Time Parking Lot Monitoring

It provides an additional function for administrators to have a real time monitoring in the monitor room, you can check video images and entrance and exit information of all guard booths in all parking lots.

Display Company Name in LED Screen

User can set their company names displayed on the LED screen on the LPR terminal, ZKBio CVSecurity Parking module has a very user-friendly GUI to let users set names.
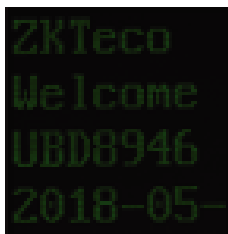
Report

As an utilized LPR parking management system, the ZKBio CVSecurity parking module provides numbers of detail report, license plate report, charge details, vehicles in parking lot, daily and monthly reports, etc.

Guard Patrol Module

The Online Guard Patrol module is the new cost-effective way to accomplish guard patrol management. ZKBio CVSecurity can utilize the access control readers already in place as guard patrol check point readers. ZKBio CVSecurity terminals and readrs boast biometric technology for added security. No additional equipment is required for the guard to carry.
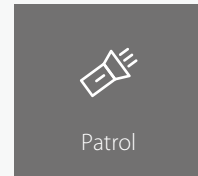
Patrol

Management

Guard Patrol is an efficient module to manage your security guards completing all their patrols at the correct time. Our guard tour system uses the latest technology to allow you to accurately monitor the times of patrols and when key areas have been visited.

The system works by installing the access control at areas around the building to be checked. Security guards swipe their own smart card or other biometric authentication to these points to record the time visited. Using the existing access control and time attendance, it reduces costs and ensures patrol tasks are completed.

Check Point 1

Check Point 2

Check Point 3

Check Point 4

SECURITY

Reception

Office

Meeting Room

Warehouse
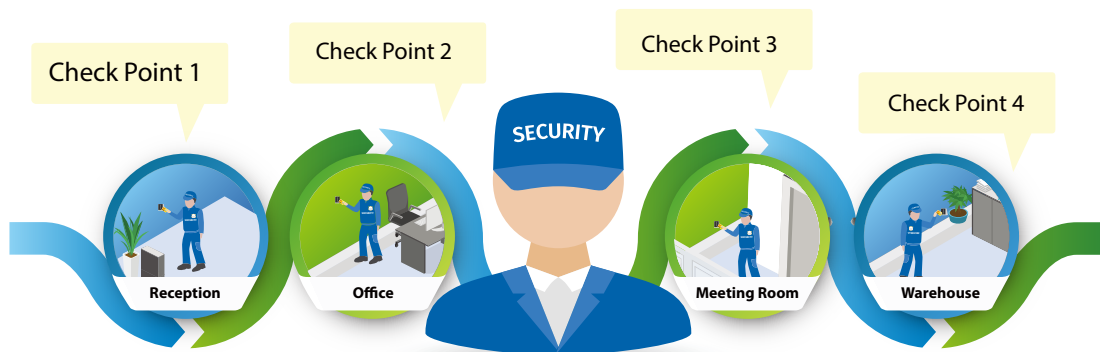
Online with Access Control (Cost Effective)

The security guards have to identified their own checkpoints to officer performing the patrol to note any incidents or observations. Using the ZKTeco access control with the powerful software ZKBio CVSecurity, enterprise no longer need to install the traditional guard patrol system (Location Tag), administers can cut cost on the security's budgets.

ProMA

Elite Access

Real-Time Patrol Monitoring and Check-Point Route

ZKBio CVSecurity provides the scheduled routes of the current day in the patrol plan. When the patrol security guards check-in based on the plan, the corresponding checkpoints in the patrol route will turn green. If the security guards don't check-in according to the plan, the checkpoints will turn red.

• Normal

The patrol guard finished the patrol in the normal time segment and sequence.

• Patrol Route Error

The patrol guard finished the patrol in the normal time segment but in wrong route.

• Not Patrol

The patrol personnel did not Finish the patrol in the normal segment, that is the patrol guard did not finish the patrol route.
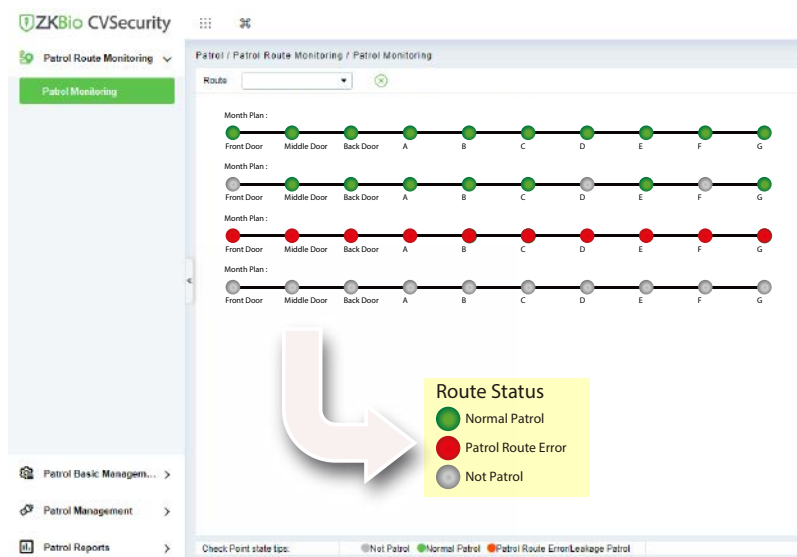
Report

In order to let administrators have a more detailed view of the patrol guard performance, the patrol module provides many useful reports, including all patrol transaction, patrol records, patrol route statistic, patrol personnel statistic.

Entrance Control

Entrance Control

The system connects the gate control board through channel device and directly controls the relevant parameters of the gate through software, which enable full control of entrance and exit and automatic management of the gate.

Device Online Upgrade

Online upgrades of device and LCD firmware, online device parameter configuration (time, daylight time, fingerprint matching threshold value, LCD display), device capacity and parameter acquisition.
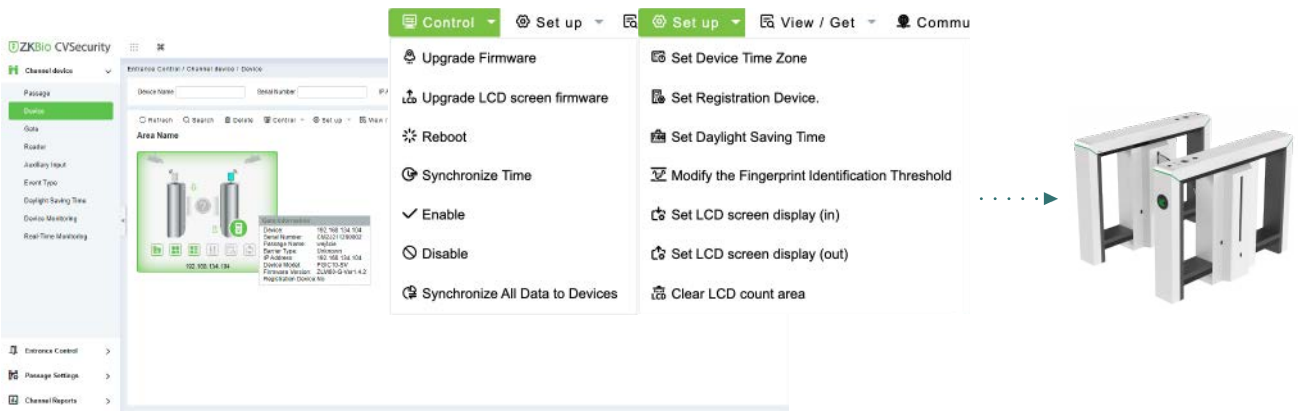
Entrance Control Access Rules

Set gate barriers' access rules and distributes personnel's access rights, configure anti-passback rules, enables remote configuration of the speed of opening and closing barriers, and the events of closing barrier delay
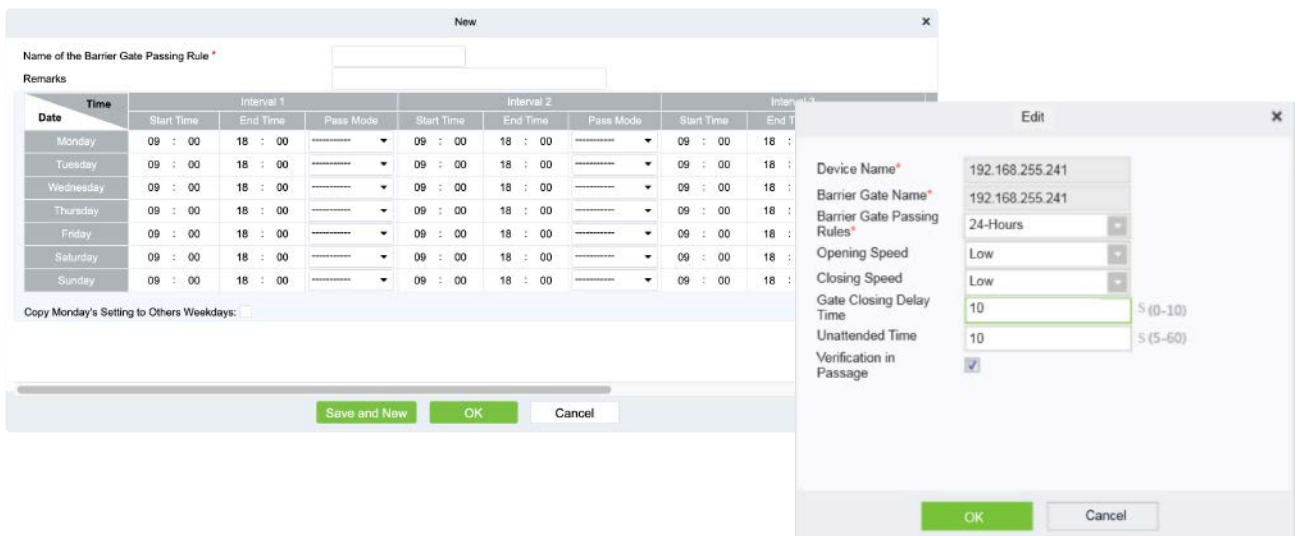
Real-Time Monitoring

Dynamic image display of barriers' status, supports remote barrier opening, remote activation of always-open timeslot, remote cancellation of alarm, and quick view of recent events of barriers
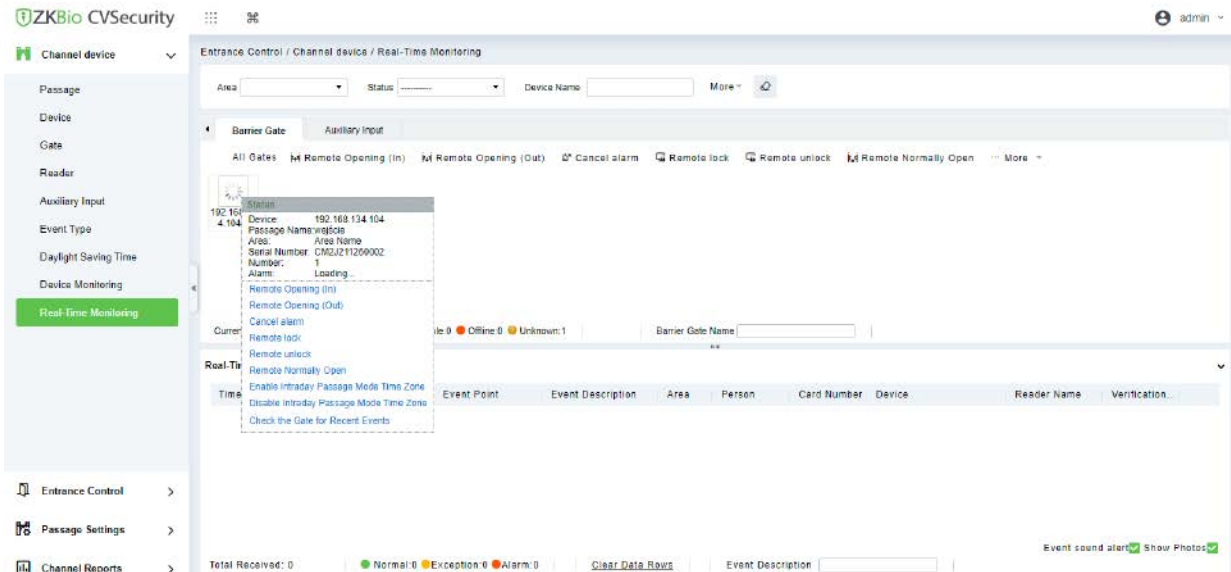
Report

Attendance Module supports to generate reports for administrators, such as, Daily Report, Leave Summary, Monthly Detail, Monthly Statistical, Department Report, etc.

To maximize the working efficiency, the ZKBio CVSecurity supports the automatic report generating with custom formats & fields.

![ZKTeco logo]
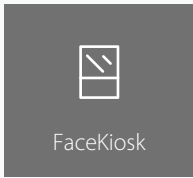
FaceKiosk

ZKTeco Facekiosk Series offer convenient facial recognition solution fitting different applications, by efficient management of Kiosk device for time & attendance, with user-friendly attendance details display and advertising display feature. With the Facekiosk Series, Users enjoy cost-effective and precise time attendance management.

FaceKiosk

Managing Facekiosk Series Devices

ZKTeco Facekiosk Series is designed for facial recognition applications to various scenes, it efficiently manages Kiosk devices for time & attendance and Kiosk advertisement functions.

Kiosk Advertisement Management

FaceKiosk can be used as a display kiosk for marketing purpose. ZKBio CVSecurity enables user to manage and upload advertisement images and videos from anywhere they have access to the Internet.
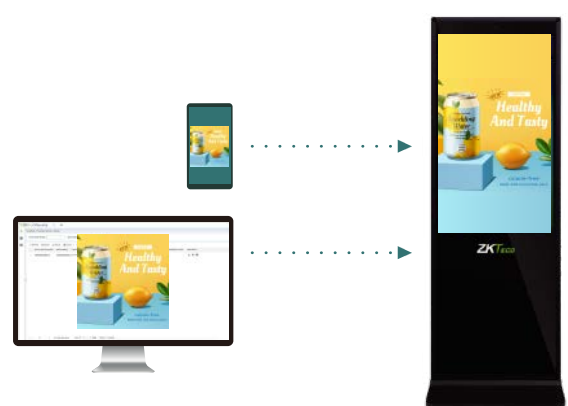
Displaying Attendance Details by Area or by Staff

Area: Based on the area to show all staffs' attendance information.

Person: Based on the staffs' identities to display attendance record.

Time and Attendance Management with Kiosk Devices

ZKBio CVSecurity supports visible light facial recognition devices. Upon staffs' facing towards the Kiosk devices, their attendance will be accurately recorded for the monitoring and management of employees' attendance, including working hour, late arrivals, early punch outs, break hours and absence.

Hotel Management

Provides hotel service management functions covering check-in, overstay, check-out, rate settlement, and lock setup and management.
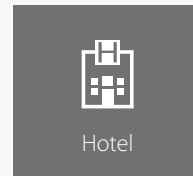
Hotel

Online Reservation

Online reservation is the highlight of the hotel management module which enables staffs/ administrators to make remote online room reservation record as long as they are connected with Internet. Moreover, with its user friendly interface, administrators / staffs can clearly check out how many rooms are currently available and easy to reserve special rooms in a period of time for customers.

Room can be reserved for the time period.

The room is occupied (not available) in the time period and cannot be reserved.

The room has been reserved

Selected room

Loss Card

Guests are given the hotel cards once they checked in, if the guest lose their hotel room card, this will be complicated in certain old hotel management system, however, ZKBio CVSecurity offers a better and simpler way to fix this problem. Hotel staffs only need to select the "Report Lost Card" function and then register a new card for the guests, once the guests swipe the new card on the lock, the new card will replace the old card and delete the old card access right at the same time.

| Lost the card | New card replace the old card | Swipe the new card on the right door | Lost card data will be removed automatically |

Merge with Access Control and Elevator Module

Elevator control module allows the guest to take the elevator on the specific time, and grants elevator to operate if the elevator to work if there is a booking for the other location. For example, to reserve the hotel room and the elevator, the hotel staff just simply click out the corresponding date and time via ZKBio CVSecurity software web based platform. This proven and recognized procedure can prevent the guest re-enter the hotel room and the elevator with the lost card.
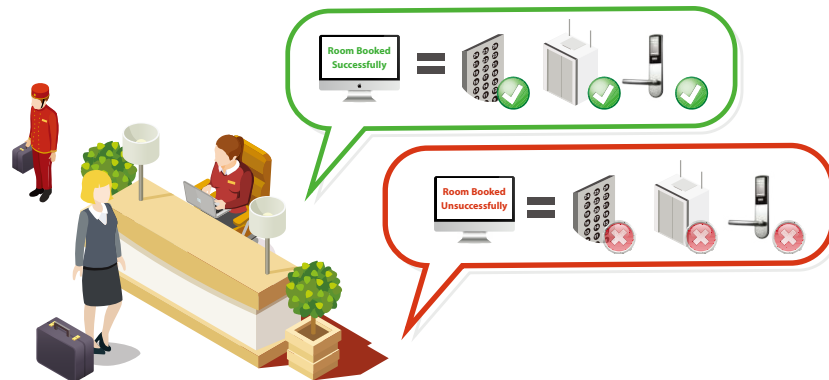
Advanced Payment Option of Consumption Management

Hotel guests often need to make payments by cash or credit card. ZKBio CVSecurity offers an advanced option for guests to pay when checking out. Simply present hotel cards after having meal wherever at hotel lounges, coffee shops or restaurants, and guests may pay charges when leaving the hotel.

Guests may present room cards for payment and later on be charged when checking out.

After Dinner   at Mini Bar
                 at Coffee Shop
                 at Restaurant

Advanced Option

Pay bills with hotel card
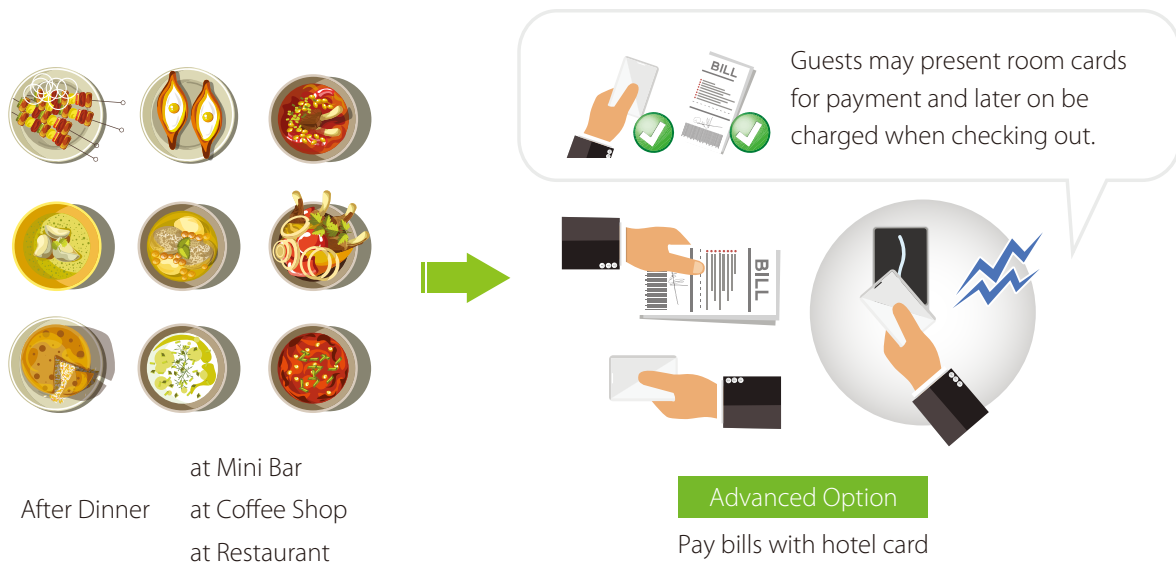
Report

To complete the hotel management function, the report is necessary, and ZKBioSecuerity hotel management module do offer detailed report, including, guest check in, room check in, room charge, issue card, unlock record.
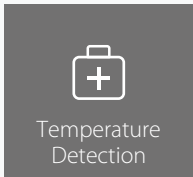
Temperature Detection Module

ZKBio CVSecurity is able to provide accurate and fast temperature detection during verification. It offers responsive, intuitive and user-friendly web application and various reports for body temperature and Mask detection devices.

Temperature Detection

Real-time monitoring

Real-time monitoring provides clearly visualized interface to detect all staffs or visitors' body temperature and masks with verification records in thermal detection devices.
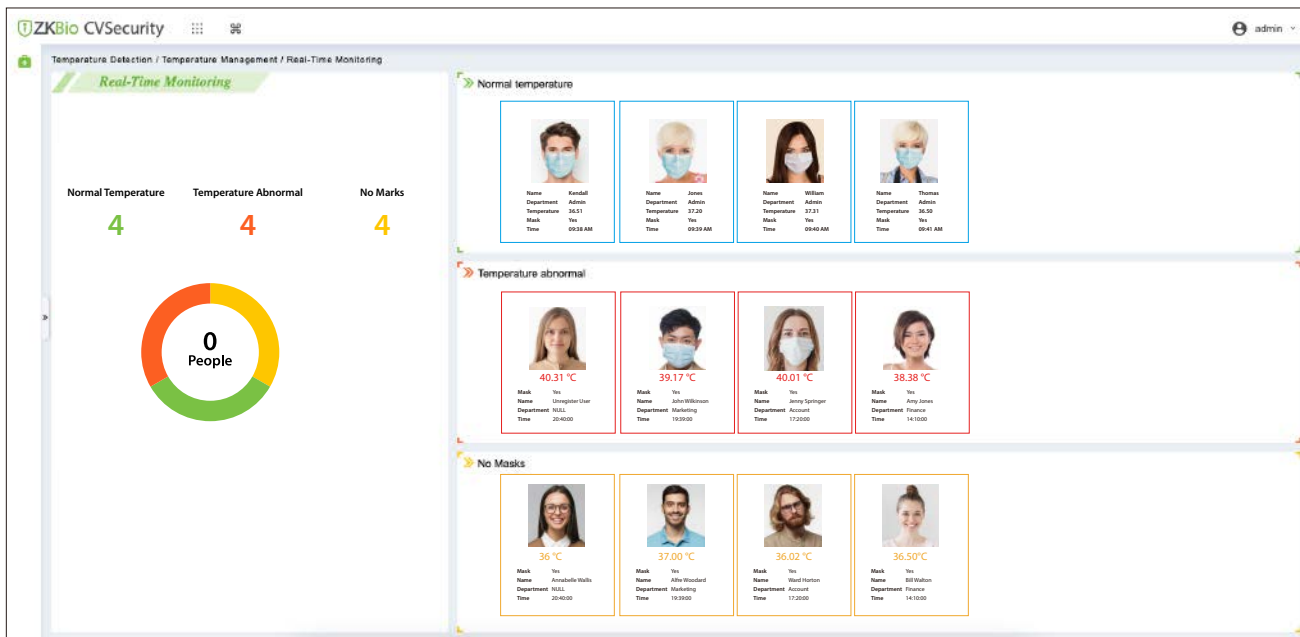
There are 3 categories of records that are displayed on the monitoring page:

People with abnormal temperature (unmasked or unmasked)

People unmasked

People with normal temperature
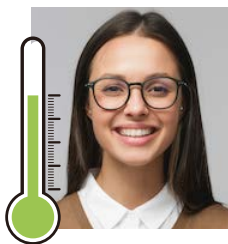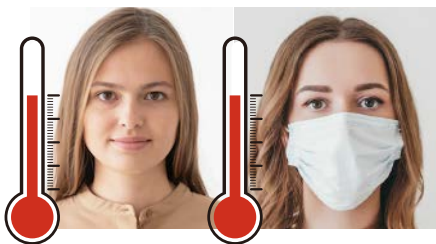
Abnormal temperature Alarm Notification

Alarm and notification message will be sent to admin. staffs in case abnormal temperature of any visitor and employee is detected. Notification message will be displayed indicating temperature exceeding limit.
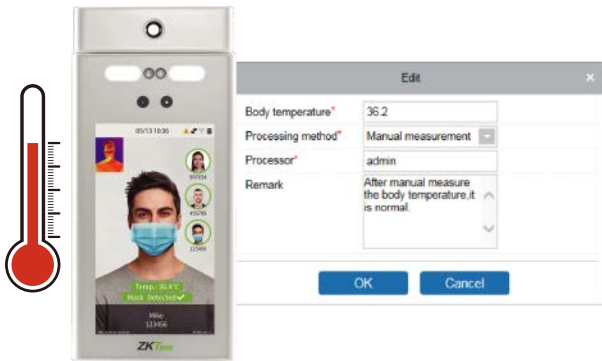
Personnel Track Trace

According to the time sequence, the Personnel photos captured by the different cameras will be displayed on the 2D maps to simulate personnel tracking.

Statistic Panel and monthly statistics

Statistic panel helps the user to view body temperature of all staffs. It allows the administrator to check the every day's statistics, weekly and monthly statistics.

The infographic display the statistics of abnormal, normal, and unmeasured temperature records of the month.
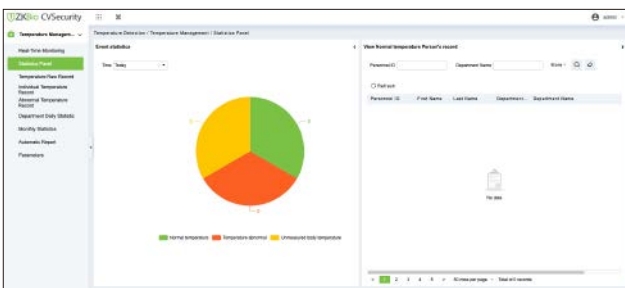
Statistic Panel
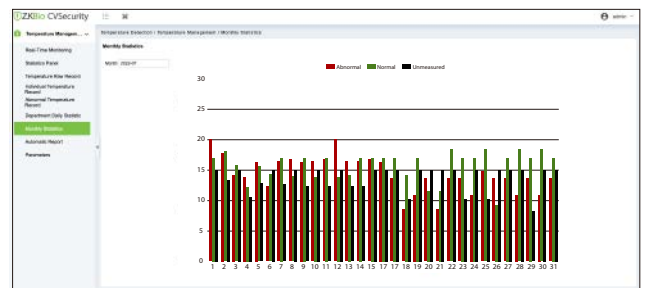
Monthly Statistics

Report

Attendance Module supports to generate reports for administrators, such as, Daily Report, Leave Summary, Monthly Detail, Monthly Statistical, Department Report, etc.

To maximize the working efficiency, the ZKBio CVSecurity supports the automatic report generating with custom formats & fields.

ZKTeco

Video Management System

Video management system is an application with completely new upgrades. It not only includes foundational functions like real-time surveillance, video playback, decoding for multi-screen video wall, log management and alarm record management, but also includes behavioural analysis, situation analysis, heat map, and people & vehicle control etc. for the interlinkage applications of recording, access control, elevator control, digital map and video wall.

Intelligent Video

Supports up to 10,000+ Cameras with H.265+ High compression format

ZKBio CVSecurity video management system supports up to 128 cameras per server with multiple video servers controlled by viewing client. It supports the standard of H.265+ / H.264 high profile compression format that users can get a high-quality video at much lower bit rate.

Visualized Intercom

Upon request of communication from visible-light devices, the front-end client page may receive the calls and open doors etc.

Supports interlinkage with video, PTZ, Email or video wall via smart analysis including behavioural analysis and situational analysis etc.

Supports PTZ operation

The Software enables PTZ (pan–tilt–zoom) control of IP camera that is capable of remote directional and zoom control, and fine adjustment of centre position of camera. Also, zoom control, iris level adjustment and PTZ movement speed adjustment is also enabled to enhance both security and convenience level.
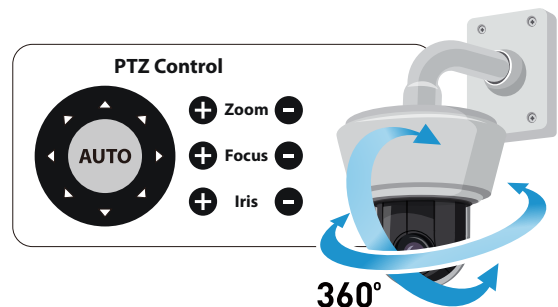
Camera Alarm Monitoring and Processing in the System

The system supports delivery of various alarms of the cameras to the system, thus enabling real-time monitoring of events in the alarm centre, with only a single click, security staffs may view the locations of the events of abnormality. The system also support preview of real-time video and playback of the video records of the events, and add records of the processing of the alarm events.

Admin can therefore set linkage action to capture, video recording, PTZ (Pan Tilt Zoom adjustment) and enable on-screen image and video display to popup when there is a linkage that triggers the security system.

General Intelligent	Behavioral Analysis	Situation Analysis	Target Intelligence Analysis
• Motion Detection	• Line crossing Detection	• Line crossing Statistic	• Person and Vehicle Identification
• Cover Alarm	• Intrusion Detection	• Queuing Length	• Personnel and vehicle fortification
• Privacy Protection	• Object Left Detection	• Crowd Density	• Video recognition as attendance record
• Sound diagnosis	• Object Remove	• Heat Map	• Mask recognition
• Scene transformations	• Helmet detection		
	• Wandering Detection		
	• Region Entrance		
	• Region Exiting		
	• Electric Bike		
	• Firework Detection		
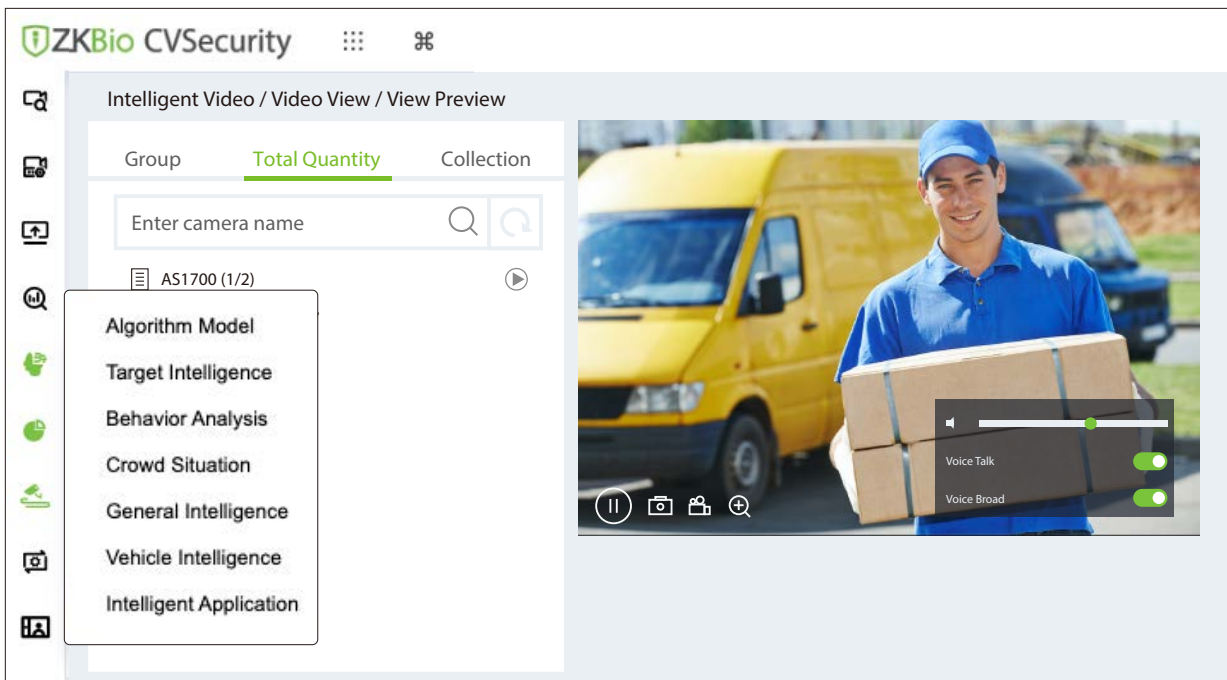
Fire Detection and Alarm

The system is ideal for applications like warehouse, shopping mall, office building, etc as it automatically detects flame and delivers instant push alarm to prevent fire.

Sound Fluctuation Detection

In case any sudden change of sound is detected, for example crying of children or huge sound of object dropped in the ground, notification will be delivered to the security staffs for instant handling of any possible event of abnormality.
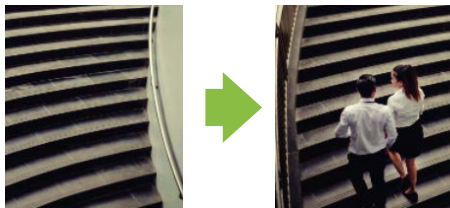
Motion Detection

This motion detection can detect a moving person, respond to the movement and get alerts whenever motion is detected outside public area or inside the office building with the Alarm Motion.

Tampering

Once tamper detection has been detected, whether it is someone trying to knock the camera down of block its view, the system will deliver the presented linkage action to user.

| Blockage | Defocusing | Redirecting | Spray Painting |
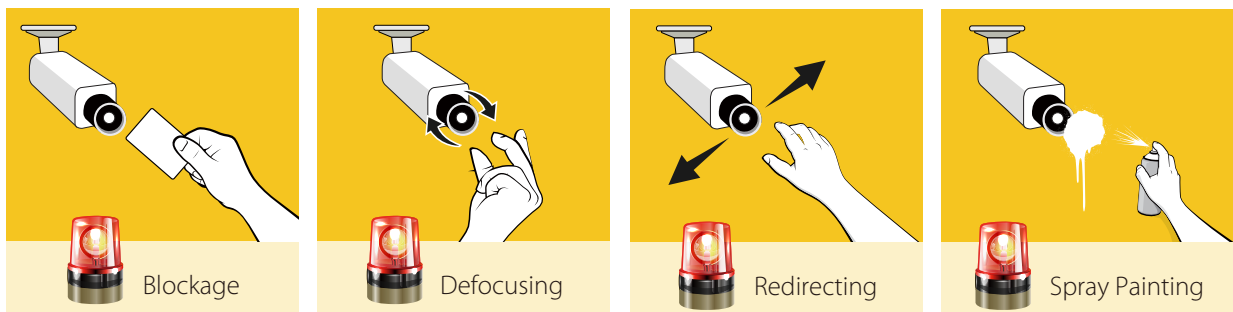
Video Loss

Once the security surveillance cameras, some or all of them, suddenly stop working, deliver video loss message or signal loss on screen, admin might get linkage notification from ZKBio CVSecurity.

Defocused

Alarm Inputs

Alarm sensor device PIR motion detector, magnetic door sensor can be connected to the alarm input ports. With linkage action, door sensor can trigger the status of the front door.

Area Detection

In Area Detection, it is enabled to set specific alert areas in surveillance area and to set prohibited orientation of entrance. Once any target enters alert area, it will be acquired on screen and prompt notification will be made.

Item Detection

It is able to perform object detection towards any left item in security area according to size and duration of presence to judge whether the item is missed or intentionally left. It is also able to automatically activate alarm system and deliver notifications to management staffs. For example, in case any intentionally left object or any other dangerous goods is left in any specific area, linkage will be triggered.

Perimeter Protection

Smart video analysis with line crossing detection detects persons crossing the perimeter with real-time snapshots or short videos for line-crossing objects, an intelligent dashboard and detailed summary reports.

Human Detection

ZKBio CVSecurity can read people face once the system detect there is a human within surveillance area.

Vehicle Recognition

Vehicle Recognition is an advanced technology which automatically and quickly recognizes vehicles' license numbers, thus enabling administrators to easily search the registered owners of the cars within the period.
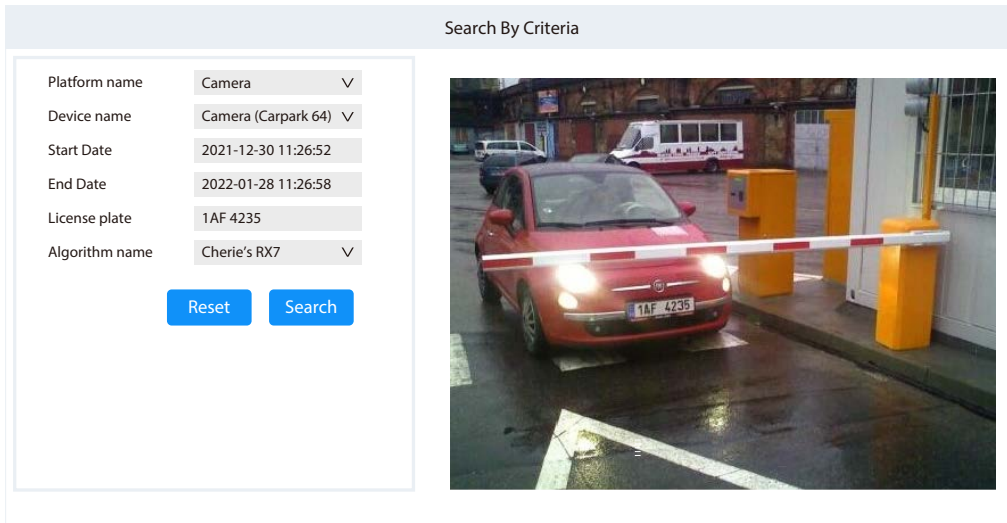
Visible Watermark

Watermarks can be added and displayed on the videos, including the copyright owners or logos for the protection of the video assets, and also the enhancement of brand uniformity. Also, the watermarks also prevent illegal and authorized use of the video files to ensure safety of the company.

Video Patrol

Video Patrol is enabled with online view from the cameras for real-time surveillance patrol. Patrol group can be created for specific patrol staffs, timeslots of patrol, patrol devices and patrol plans. Patrol staffs may log on to the system and preview their patrol via real-time video surveillance and report events of abnormality for manual alarm and patrol.

The system enables automatic generation of patrol reports for management staffs' review of the patrol.

Report

To complete the video surveillance function, the report is necessary , and ZKBioSecuerity video surveillance module do offer detailed report, including, Video Report, Video Alarm Report, Video Event Record.

Intelligent Scene

Intelligent Scene

The "Intelligent Scene" module focuses on intelligent scene business, and actualized the design concepts such as enabling application, data analysis, process management and access control linkage based on scene application and data display through the perception and analysis ability of intelligent NVR or intelligent cameras.

People Control

ZKBio CVSecurity is powered by Artificial Intelligence (AI), and work with the latest ZKTeco facial recognition NVR. It provides face recognition functions to users including whitelist, blacklist control and people tracking function.

Allow List and Block List real-time monitoring

Allow List

ZKBio CVSecurity not only allows Admin to create allow list and rules for people who can go through whatever gate, but also gives Admin notifications when they arrive at specific areas.

Block List

The Blocklist helps admin to screen and reject people to go through the gate, and also if those people are blocklisted, once they arrive the surveillance area, alert message will pop on screen.

VIP Notification

Alert ! Block List !

For example, for VIPs and boss, you can do this with the white list notification system via ZKBio CVSecurity, by just simply uploading their images in the system, once they arrive at the surveillance area, they will be detected and notifications will pop up and appear on screen.

For example, if a visitor is blacklisted, he or she thus will be disallowed to enter the building, admin will also be notified through the system of ZKBio CVSecurity.

Advanced Target Search

ZKBio CVSecurity is embedded with video structuralized algorithm, which enables target search of face images captured by access control devices or video devices. It also supports target search by personal features including name, staff number, gender, glasses, mask, color of upper-body clothes or lower-body clothes, and generation of tracking reports.
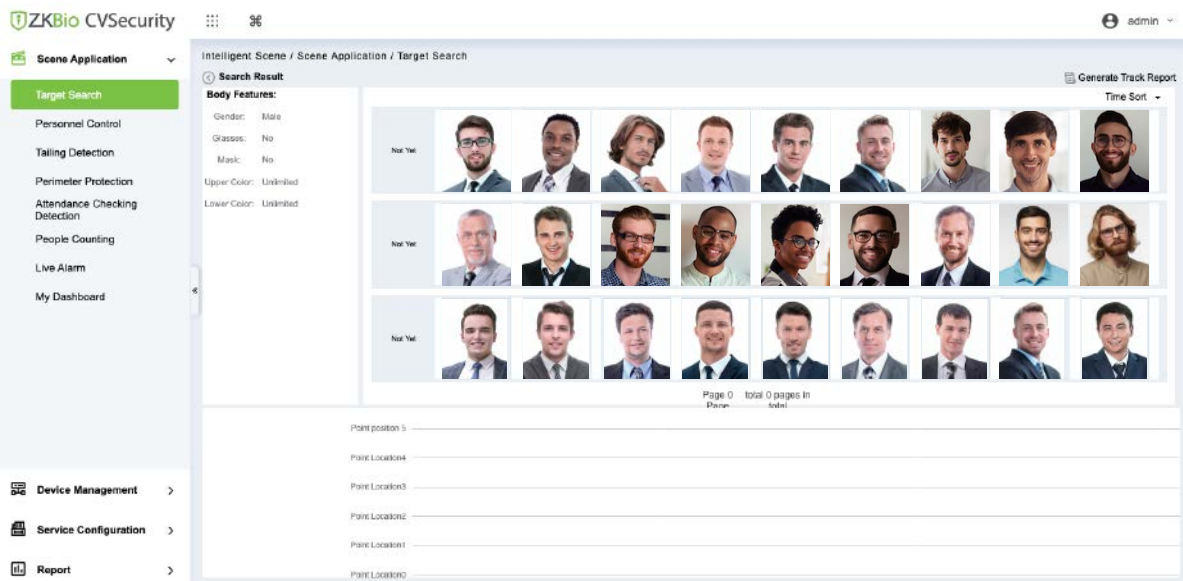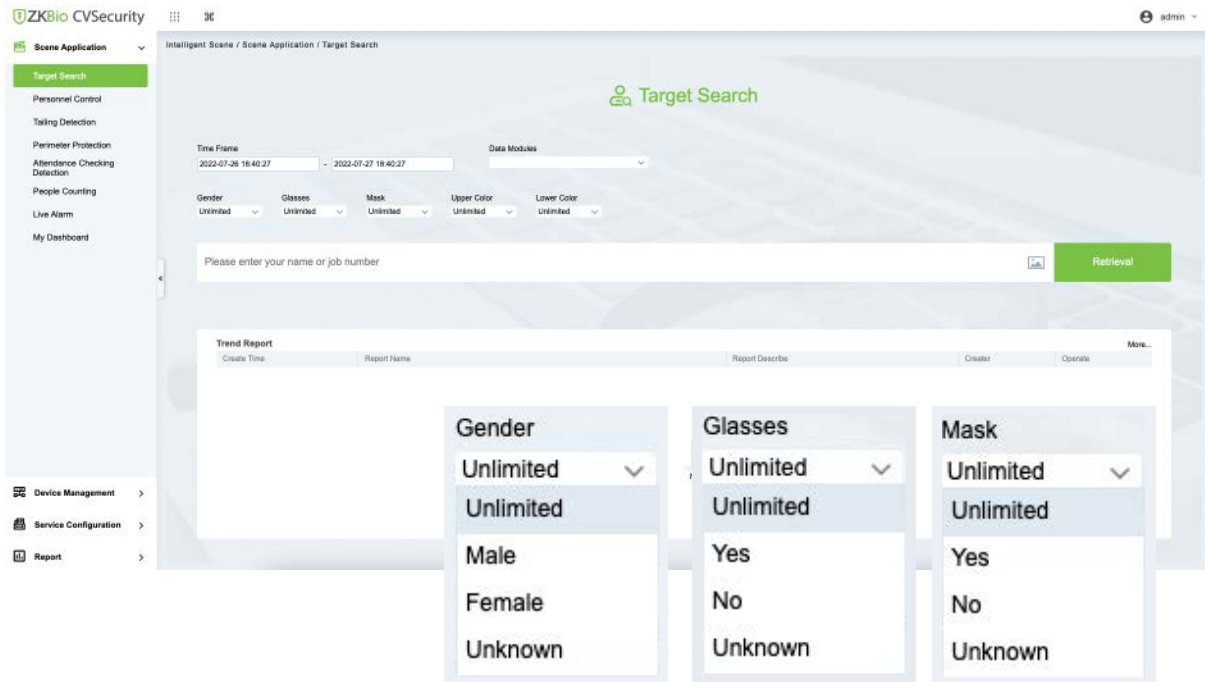
Attendance Checking

Real-time view of personnel attendance of the delegated area in smart dashboard.

Supports configuration of duty schedules, and current duty personnel are displayed on the dashboard.
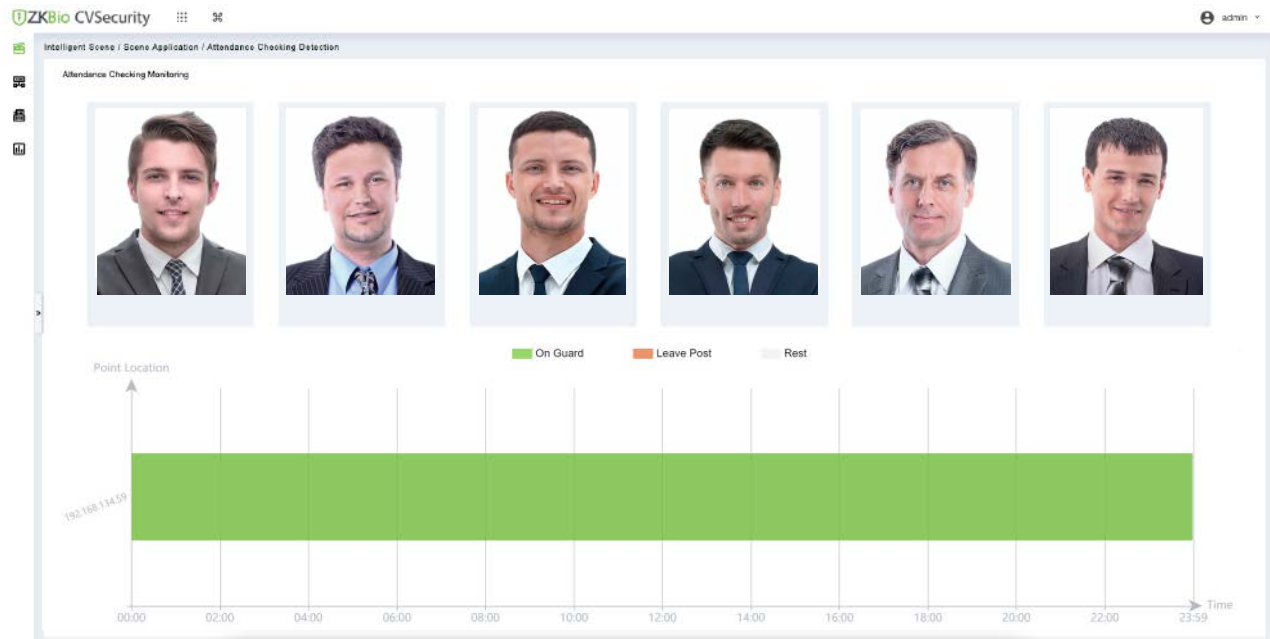
People Counting

Dynamically counts the number of people in the area, and prompt notification in case the number of people reaches the set value.

Tailing Detection

Facial recognition record can cross-check with access control record to validate any personnel enter without access control record. Quick search and view of person trajectory by capturing pictures
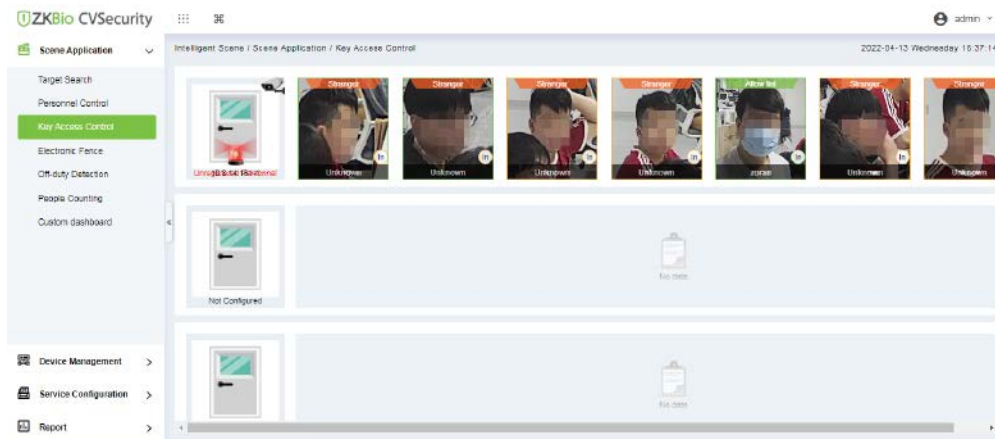
My Dashboard

Users may customize private or public dashboard in the setting, for example, display only VIP dashboard to the first 5 arriving people.
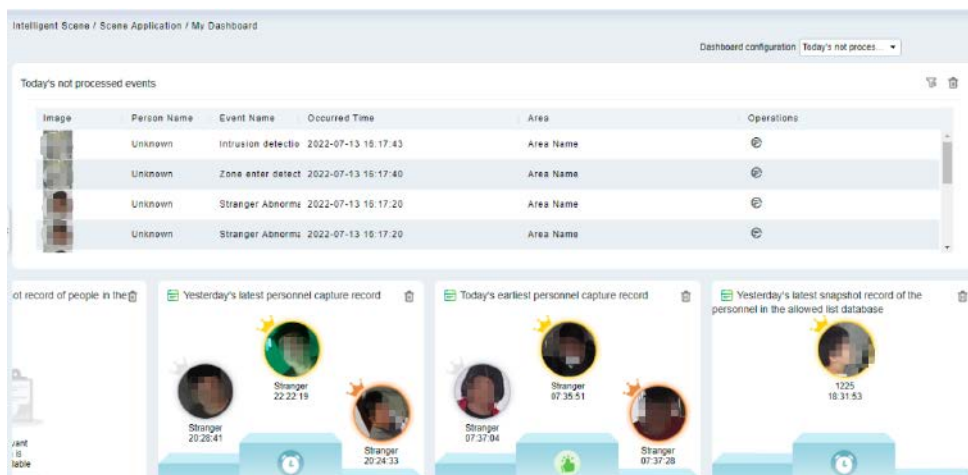
Report

Intelligent scene module enables generation of reports including all event, entry and exit records, trend reports, live alarm and dismissal reports.
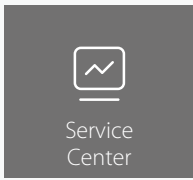
Service Center

Service Center module is a comprehensive tool for the management of access control, visitors, office, personnel, video surveillance and other related systems. It enables users to have clear and complete overview of all information for convenient monitoring and administration.

Device Center

Device Center provides real-time summary of all connected devices' information including access control, time & attendance and video surveillance, displaying information of the devices' operation and their status for the enhancement of security.
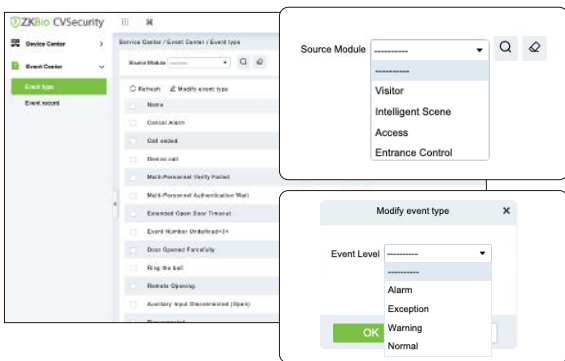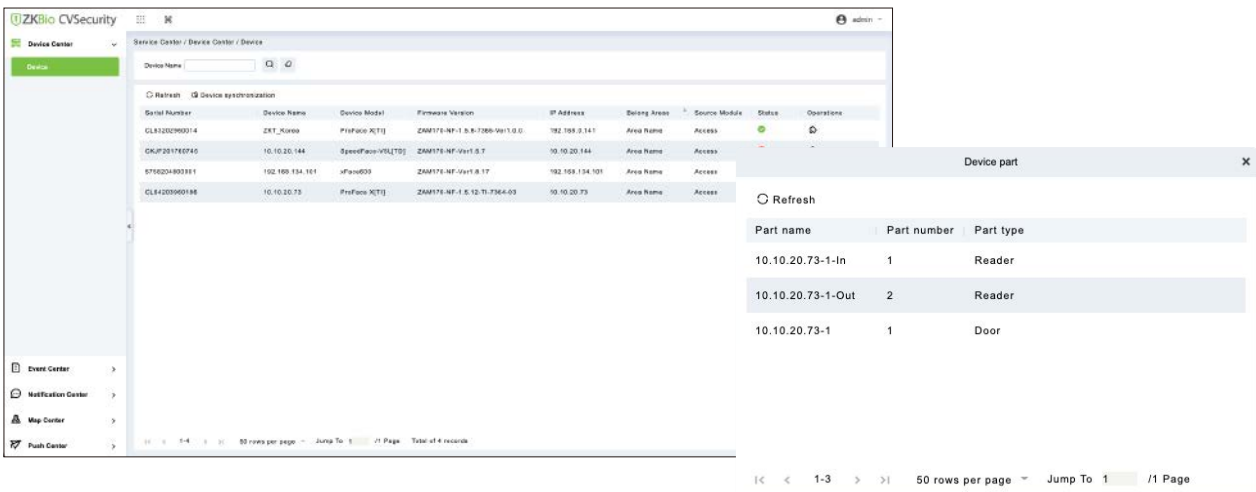
Event Center

Source Module:

There are 4 source modules including Visitor, Intelligent scene, Access Control and Entrance Control.

Event Types:

There are 4 event levels including Alarm, Exception, Warning and Normal.
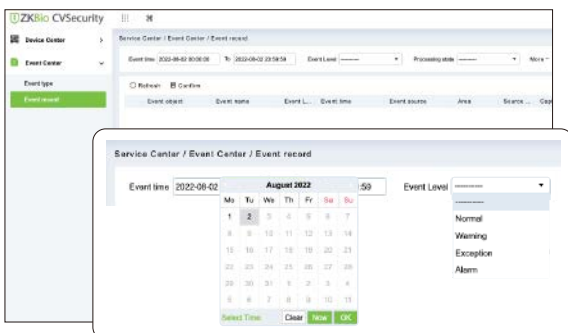
Event Record

There are 4 event levels including "Normal", "Warning", "Exception" and "Alarm" in the event record. User can sort the data by time period.

Notification Center

Notification Center displays the time & attendance records and visitor records, and enables classified view of notification records by sort mode.
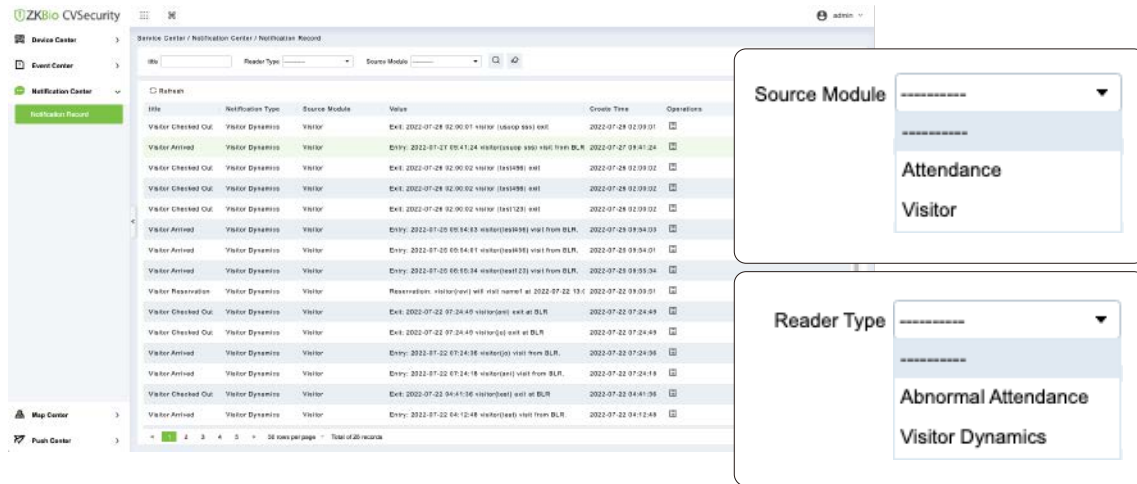
Entry and exit Details

Service Center provides basic information of the records of entry and exit including employees or visitor's names, companies and phone numbers. This information also covers the facial images and images of ID cards captured at the entrance and exit.
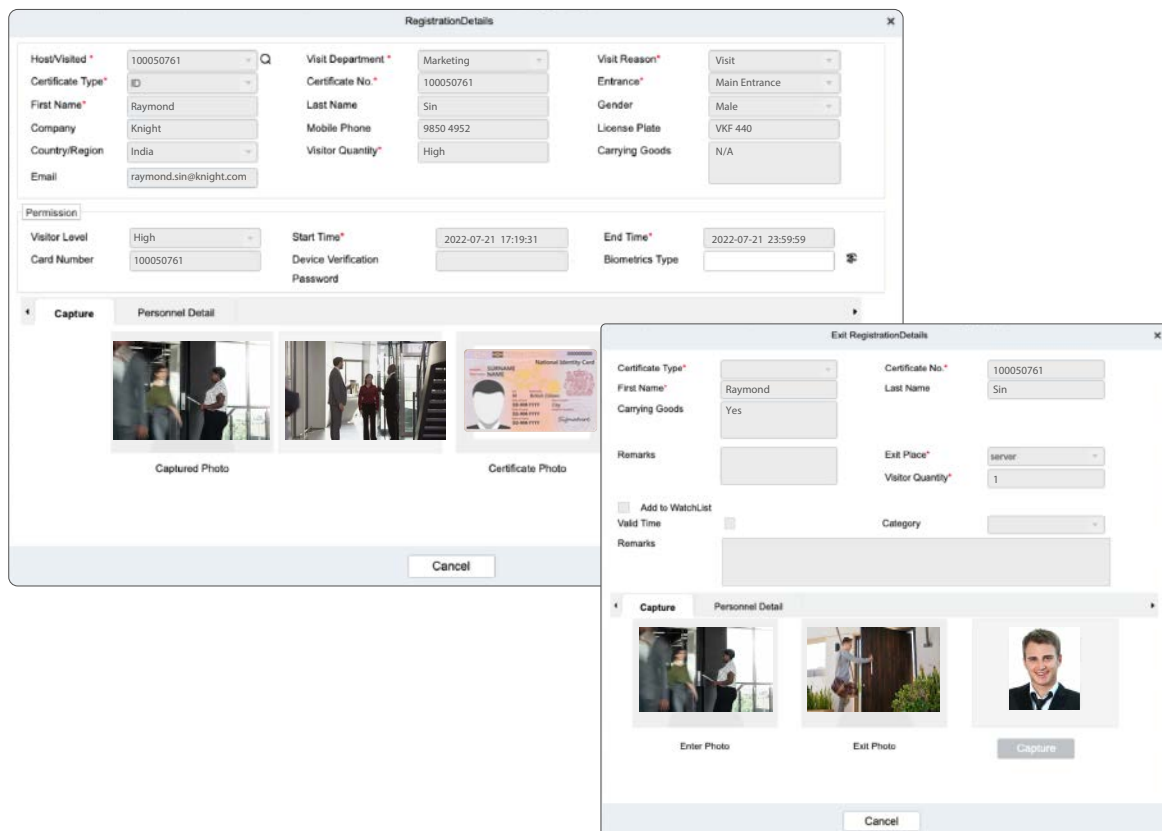
Real time Monitoring in Map Center

Map Center integrates all event information in one real-time monitoring map. In case of event or abnormality, the alarm will be triggered and notification will be prompted and centrally displayed. The alarm and notification will be collaborated and placed into the GIS map to instantly locate the abnormal events for quick view of playback of the relevant videos. It also provides preview of live videos and record of event details for fast and convenient handling of events.

Ultimate User-friendliness and supports Google, Baidu and SuperMap on E-Map

Easy to create, edit, delete, and preview e-map that displays the locations of the alarms. Users can use GIS tools such as Google and SuperMap to improve daily operations ofbusiness.
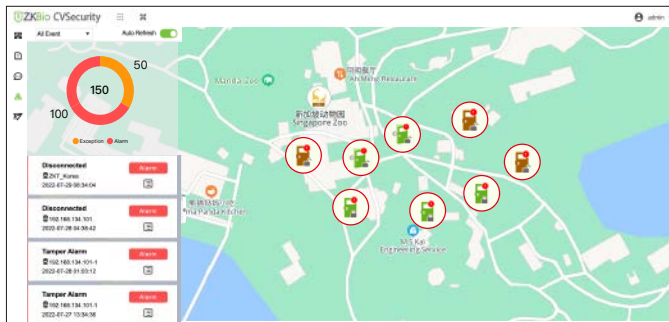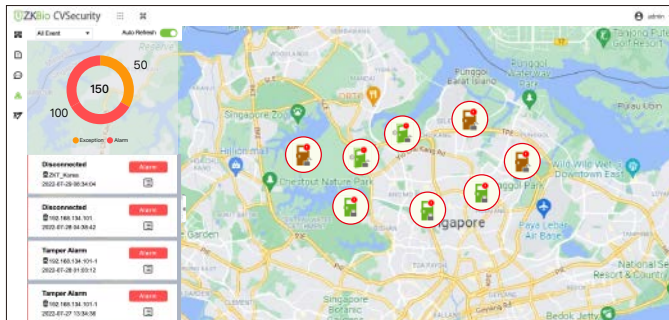
ZKBio CVSecurity

Report Templates

Personnel Management Summary Report @Personnel Module

ZKTECO
Person

Personnel ID	First Name	Last Name	Department Number	Department Name	Gender	Birthday	Password	Certificate Type	Certificate Number	Card Number	Email	Reservation Code	Mobile Phone
1	Jerry	Wang	1	General	Male	1980-04-23	1	1	TP443566	4461253	abwe@qwe.com	123456	59490464
2	Lucky	Tan	3	Development Department	Female	1992-12-08	2	3	784515	6155266	778@abc.com	123456	4425521
2940	Sherry	Yang	hotel	Hotel	Female	1997-12-01	2940	1	741741	1411237	555@qq.com	123456	145145145
3	Leo	Hou	4	Financial Department	Male	1998-12-22	3	1	23887	13271770	3232@qq.com	123456	34342543
4	Berry	Cao	1	General	Female	2007-12-05	4	4	745688QQWA	13592341	QWA@zzz.com	123456	74755466
5	Necol	Ye	2	Marketing Department	Male	2017-01-10	5	1	32242311	13260079	3322@qq.com	123456	6645454
6	Amber	Lin	4	Financial Department	Female	2017-07-04	6	1	784525004	4628036	787878@eru.com	123456	44620545
7	Jacky	Xiang	1	General	Female	2016-01-05	7	8	ees1213232	6323994	434@qq.com	123456	54243231
8	Glori	Liu	2	Marketing Department	Female	1995-12-05	8	1	433114354	6189166	987@abcd.com	123456	77564353
9	Lilian	Mei	3	Development Department	Female	1992-12-23	9	1	XS22030	9505930	8989@pp.com	123456	221112121

Access Report @Access Module

ZKTECO
Total People 10

Personnel ID	First Name	Last Name	Department	Card Number	Last Access Time	Last Access Reader
1	Jerry	Wang	General	4461253	2017-12-18 09:29:31	192.168.218.60-2-In
2	Lucky	Tan	Development Department	6155266	2017-12-18 09:27:12	192.168.218.60-1-In
2940	Sherry	Yang	Hotel	1411237	2017-12-18 09:55:52	192.168.218.60-1-In
3	Leo	Hou	Financial Department	13271770	2017-12-18 09:34:57	192.168.218.60-2-In
4	Berry	Cao	General	13592341	2017-12-18 09:55:58	192.168.218.60-1-In
5	Necol	Ye	Marketing Department	13260079	2017-12-18 09:34:18	192.168.218.60-1-In
6	Amber	Lin	Financial Department	4628036	2017-12-18 09:25:29	192.168.218.60-1-In
7	Jacky	Xiang	General	6323994	2017-12-18 09:27:18	192.168.218.60-2-In
8	Glori	Liu	Marketing Department	6189166	2017-12-18 09:34:20	192.168.218.60-2-In
9	Lilian	Mei	Development Department	9505930	2017-12-18 09:27:22	192.168.218.60-1-In

All Access Transactions @Access Module

ZKTECO

All Transactions

Time: 2017-09-15 00 : 00 : 00 - 2017-12-15 23 : 59 : 59

Time	Device Name	Event Point	Event Description	Personnel ID	First Name	Last Name	Card Number	Department Name	Reader Name	Verification Mode	Area Name	Remark
2017-12-15 18:29:02	192.168.218.60	192.168.218.60-2	Background Verify Success	8	Amber	Lin	4628036	Financial Department	192.168.218.60-2-In	Only Card	Area Name	
2017-12-15 18:28:59	192.168.218.60	192.168.218.60-1	Background Verify Success	8	Amber	Lin	4628036	Financial Department	192.168.218.60-1-In	Only Card	Area Name	
2017-12-15 18:28:45	192.168.218.60	192.168.218.60-2	Background Verify Success	5	Necol	Ye	13260079	Marketing Department	192.168.218.60-2-In	Only Card	Area Name	
2017-12-15 18:28:41	192.168.218.60	192.168.218.60-1	Background Verify Success	5	Necol	Ye	13260079	Marketing Department	192.168.218.60-1-In	Only Card	Area Name	
2017-12-15 18:28:38	192.168.218.60	192.168.218.60-2	Background Verify Success	1	Jerry	Wang	4461253	General	192.168.218.60-2-In	Only Card	Area Name	
2017-12-15 18:28:35	192.168.218.60	192.168.218.60-1	Background Verify Success	1	Jerry	Wang	4461253	General	192.168.218.60-1-In	Only Card	Area Name	
2017-12-15 18:28:23	192.168.218.60	192.168.218.60-2	Background Verify Success	2940	Sherry	Yang	1411237	Hotel	192.168.218.60-2-In	Only Card	Area Name	
2017-12-15 18:28:20	192.168.218.60	192.168.218.60-1	Background Verify Success	2940	Sherry	Yang	1411237	Hotel	192.168.218.60-1-In	Only Card	Area Name	
2017-12-15 18:28:17	192.168.218.60	192.168.218.60-2	Background Verify Success	9	Lilian	Mei	9505930	Development Department	192.168.218.60-2-In	Only Card	Area Name	
2017-12-15 18:28:13	192.168.218.60	192.168.218.60-1	Background Verify Success	9	Lilian	Mei	9505930	Development Department	192.168.218.60-1-In	Only Card	Area Name	
2017-12-15 18:28:08	192.168.218.60	192.168.218.60-2	Background Verify Success	3	Leo	Hou	13271770	Financial Department	192.168.218.60-2-In	Only Card	Area Name	
2017-12-15 18:28:01	192.168.218.60	192.168.218.60-1	Background Verify Success	3	Leo	Hou	13271770	Financial Department	192.168.218.60-1-In	Only Card	Area Name	
2017-12-15 18:25:18	192.168.218.60	192.168.218.60-1	Remote Opening						Other	Other	Area Name	
2017-12-15 18:25:04	192.168.218.60	192.168.218.60-1	Remote Opening						Other	Other	Area Name	
2017-12-15 18:23:52	192.168.218.60	192.168.218.60-2	Background Verify Success	1	Jerry	Wang	4461253	General	192.168.218.60-2-In	Only Card	Area Name	
2017-12-15 18:23:40	192.168.218.60	192.168.218.60-1	Remote Opening						Other	Other	Area Name	
2017-12-15 18:23:26	192.168.218.60	192.168.218.60-1	Remote Opening						Other	Other	Area Name	
2017-12-15 18:23:...	192.168.218.60	192.168.218.60-2	Background Verify	1	Jerry	Wang	4461253	General	192.168.218.60-2-...	Only Card	Area Name	

Business Trip Report @Attendance Module

ZKTECO

Business Trip

Personnel ID	First Name	Last Name	Department Number	Department Name	Start Time	End Time	Remark	Operation Time
4	Berry	Cao	1	General	2017-12-15 16:37: 27	2017-12-15 16:37: 27		2017-12-15 16:37: 31
5	Necol	Ye	2	Marketing Department	2017-12-18 11:42: 28	2017-12-18 11:42: 28	Go to Shenzhen	2017-12-18 11:42: 51
8	Glori	Liu	2	Marketing Department	2017-12-18 11:42: 55	2017-12-18 11:42: 55	Go to Thailand	2017-12-18 11:43: 08

Overtime Report @Attendance Module

ZKTECO

Overtime

Personnel ID	First Name	Last Name	Department Number	Department Name	OT Type	Start Time	End Time	Remark	Operation Time
3	Leo	Hou	4	Financial Department	Normal OT	2017-12-15 16:37: 34	2017-12-15 16:37: 34		2017-12-15 16:37: 37
5	Necol	Ye	2	Marketing Department	Normal OT	2017-12-18 11:44: 03	2017-12-18 11:44: 03	Finish Project	2017-12-18 11:44: 28

Daily Attendance Report @Attendance Module

ZKTECO

Daily Attendance

Personnel ID	First Name	Last Name	Department Number	Department Name	Record Date	Record Times	Earliest Time	Latest Time	Punch Time
1	Jerry	Wang	1	General	2017-12-15	35	16:33:27	18:28:38	16:33:27;16:33:29; 16:33:34;16:34:03; 16:34:04;16:34:05; 16:34:06;16:35:02; 16:35:03;17:35:25; 17:35:26;17:42:50; 17:42:51;17:42:52; 17:58:49;17:58:50; 18:04:44;18:04:45; 18:22:20;18:22:21; 18:23:12;18:23:16; 18:23:18;18:23:19; 18:23:36;18:23:37; 18:23:52;18:24:59; 18:25:00;18:25:13; 18:25:14;18:28:34; 18:28:35;18:28:37; 18:28:38;
2	Lucky	Tan	3	Development Department	2017-12-15	28	16:33:42	18:28:56	16:33:42;16:33:43; 16:33:51;16:33:59; 16:34:00;16:35:05; 16:35:06;17:35:32; 17:42:47;17:42:48; 17:59:03;17:59:04; 17:59:38;17:59:39; 18:04:59;18:05:00; 18:05:07;18:05:08; 18:09:35;18:09:36; 18:23:00;18:23:01; 18:23:02;18:28:53; 18:28:55;18:28:56;
2940	Sherry	Yang	hotel	Hotel	2017-12-15	17	16:33:18	18:28:23	16:33:16;16:34:08; 16:34:10;16:35:08; 16:35:09;17:35:19; 17:43:01;17:43:02;

Created on: 2017-12-15 18:38:31

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1/3

Leave Summary Report @Attendance Module

ZKTECO

Leave Summary

Personnel ID	First Name	Last Name	Department Number	Department Name	Leave Type Statistics
1	Jerry	Wang	1	General	Casual Leave(1) Marriage Leave(0) Maternity Leave(0) Sick Leave(0) Annual Leave(0) Bereavement Leave(0) Breastfeeding Leave(0) Custom (0)
5	Necol	Ye	2	Marketing Department	Casual Leave(0) Marriage Leave(0) Maternity Leave(0) Sick Leave(0) Annual Leave(1) Bereavement Leave(0) Breastfeeding Leave(0) Custom (0)
9	Lilian	Mei	3	Development Department	Casual Leave(0) Marriage Leave(0) Maternity Leave(0) Sick Leave(0) Annual Leave(0) Bereavement Leave(0) Breastfeeding Leave(1) Custom (0)
3	Leo	Hou	4	Financial Department	Casual Leave(0) Marriage Leave(1) Maternity Leave(0) Sick Leave(0) Annual Leave(0)

Created on: 2017-12-15 18:39:22

Leave Report @Attendance Module

ZKTECO

Leave

Personnel ID	First Name	Last Name	Department Number	Department Name	Leave Type	Start Time	End Time	Remark	Operation Time
1	Jerry	Wang	1	General	Casual Leave	2017-12-15 16:36:07	2017-12-15 16:36:07		2017-12-15 16:36:17
3	Leo	Hou	4	Financial Department	Marriage Leave	2017-12-15 18:38:48	2017-12-15 18:38:48		2017-12-15 18:38:53
5	Necol	Ye	2	Marketing Department	Annual Leave	2017-12-15 16:36:19	2017-12-15 16:36:19		2017-12-15 16:36:27
6	Amber	Lin	4	Financial Department	Sick Leave	2017-12-15 18:38:54	2017-12-15 18:38:54		2017-12-15 18:39:00
9	Lilian	Mei	3	Development Department	Breastfeeding Leave	2017-12-15 18:39:02	2017-12-15 18:39:02		2017-12-15 18:39:10

Time Shift Report @Attendance Module

ZKTECO

Shift

Name	Number	Schedule Type	Unit	Cycle	Start Date	Cycle Shift in one Month
Day Shift	1	Regular Shift	Day	10	2017-12-15	Yes
Night	2	Regular Shift	Day	10	2017-12-18	Yes
Flexible	3	Flexible Shift	Day	10	2017-12-18	Yes

Time Zone @Attendance Module

ZKTECO

Time Zone

Name	Number	Timetable Type	Check-in Start Time	Check-in Time	Check-out Time	Check-out End Time
Normal Time	1	Normal Time Zone	08:00	09:00	18:00	19:00
Flexible Timetable	2	Flexible Timetable	09:00			18:00
Day Time	3	Normal Time Zone	08:00	08:30	18:00	19:00
Test	T4	Normal Time Zone	20:00	20:30	23:30	23:59

Elevator control report @Elevator Module

Time: 2017-09-18 00 : 00 : 00 - 2017-12-18 23 : 59 : 59

Time	Device	Event Point	Event Description	Personnel ID	First Name	Last Name	Card Number	Department	Reader Name	Verification Mode	Area	Remark
2017-12-15 10:35:43	192.168.218.65	192.168.218.65-8	Normal Punch Open	3	Leo	Hou	13260079	General	192.168.218.65-Reader	Card or Fingerprint	Area Name	
2017-12-15 10:35:43	192.168.218.65	192.168.218.65-5	Normal Punch Open	3	Leo	Hou	13260079	General	192.168.218.65-Reader	Card or Fingerprint	Area Name	
2017-12-15 10:35:39	192.168.218.65	192.168.218.65-9	Normal Punch Open	3	Leo	Hou	13260079	General	192.168.218.65-Reader	Card or Fingerprint	Area Name	
2017-12-15 10:35:39	192.168.218.65	192.168.218.65-1	Normal Punch Open	1	Jerry	Wang	9505930	General	192.168.218.65-Reader	Card or Fingerprint	Area Name	
2017-12-15 10:35:39	192.168.218.65	192.168.218.65-4	Normal Punch Open	1	Jerry	Wang	9505930	General	192.168.218.65-Reader	Card or Fingerprint	Area Name	
2017-12-15 10:35:39	192.168.218.65	192.168.218.65-3	Normal Punch Open	1	Jerry	Wang	9505930	General	192.168.218.65-Reader	Card or Fingerprint	Area Name	
2017-12-15 10:35:39	192.168.218.65	192.168.218.65-2	Normal Punch Open	1	Jerry	Wang	9505930	General	192.168.218.65-Reader	Card or Fingerprint	Area Name	
2017-12-15 10:35:36	192.168.218.65	192.168.218.65-8	Normal Punch Open	2	Lucky	Tan	13271770	General	192.168.218.65-Reader	Card or Fingerprint	Area Name	
2017-12-15 10:35:36	192.168.218.65	192.168.218.65-10	Normal Punch Open	2	Lucky	Tan	13271770	General	192.168.218.65-Reader	Card or Fingerprint	Area Name	
2017-12-15 10:35:36	192.168.218.65	192.168.218.65-9	Normal Punch Open	2	Lucky	Tan	13271770	General	192.168.218.65-Reader	Card or Fingerprint	Area Name	
2017-12-15 10:35:36	192.168.218.65	192.168.218.65-7	Normal Punch Open	2	Lucky	Tan	13271770	General	192.168.218.65-Reader	Card or Fingerprint	Area Name	
2017-12-15 10:35:31	192.168.218.65	192.168.218.65-6	Normal Punch Open	2940	Sherry	Yang	4461253	General	192.168.218.65-Reader	Card or Fingerprint	Area Name	
2017-12-15 10:35:31	192.168.218.65	192.168.218.65-8	Normal Punch Open	2940	Sherry	Yang	4461253	General	192.168.218.65-Reader	Card or Fingerprint	Area Name	
2017-12-15 10:35:31	192.168.218.65	192.168.218.65-7	Normal Punch Open	2940	Sherry	Yang	4461253	General	192.168.218.65-Reader	Card or Fingerprint	Area Name	
2017-12-15 10:35:31	192.168.218.65	192.168.218.65-5	Normal Punch Open	2940	Sherry	Yang	4461253	General	192.168.218.65-Reader	Card or Fingerprint	Area Name	
2017-12-15 10:32:51	192.168.218.65	192.168.218.65-5	Normal Punch Open	2940	Sherry	Yang	4461253	General	192.168.218.65-Reader	Card or Fingerprint	Area Name	
2017-12-15 10:32:51	192.168.218.65	192.168.218.65-8	Normal Punch Open	2940	Sherry	Yang	4461253	General	192.168.218.65-Reader	Card or Fingerprint	Area Name	
2017-12-15 10:32:51	192.168.218.65	192.168.218.65-6	Normal Punch Open	2940	Sherry	Yang	4461253	General	192.168.218.65-Reader	Card or Fingerprint	Area Name	

Guest Check-in Report @Hotel Module

First Name	Last Name	Document Type	Document No.	Card Number	Check-In Time	Check-Out Time	Checkin Type	Room Name	Room Type
Maryan	Liu	ID	44443333	4117649102	2017-12-15 14:42:09	2017-12-15 15:18:49	Daily Rate Room	A1101	A
Canian	Xie	Passport	332454	4117858142	2017-12-15 14:51:15	2017-12-15 15:14:20	Daily Rate Room	B1103	A
Lucy	Feng	Passport	232145523	3019973533	2017-12-15 14:43:39	2017-12-15 15:13:52	Daily Rate Room	A1102	A
Lucy	Feng	Passport	232145523	3019973533	2017-12-15 15:13:52	2017-12-15 15:19:08	Daily Rate Room	B1105	A
Hook		ID	5577556	4117882494	2017-12-15 14:45:37	2017-12-15 14:50:09	Daily Rate Room	B1102	A
Maryan	Liu	ID	44443333	4117649102	2017-12-15 14:42:09	2017-12-15 15:18:49	Daily Rate Room	A1101	A
Bruno	Ke	Driver License	22322123	4117882494	2017-12-15 14:51:15	2017-12-15 15:14:20	Daily Rate Room	B1103	A

Visitor History Record @Visitor Module

ZKTECO
Visitor History Record

Visitor Code	First Name	Last Name	Company	Visit Reason	Host Number	Host First Name	Host Last Name	Visit Status	Card Number	Enter Time	Entrance	Exit Time	Exit Place	Carrying Goods In	Carrying Goods Out
800000011	Morry	Fang	Google	Visit	7	Jacky	Xiang	Check-Out	6189166	2017-12-15 11:44:57	server	2017-12-15 11:45:20	server	Camera Device	Camera Device
800000010	Tommy	Qi	ZKTeco-Th	Visit	6	Amber	Lin	Check-Out	6323994	2017-12-15 11:42:38	server	2017-12-15 11:45:26	server	Camera Card	Camera Card
800000009	Elian	Peng	ZKTeco-Eu	Visit	5	Necol	Ye	Check-Out	13592341	2017-12-15 11:41:01	server	2017-12-15 11:45:51	server	Book Bottle	Book Bottle
800000008	Goura	Viny	Essl	Visit	4	Berry	Cao	Check-Out	1411237	2017-12-15 11:39:14	server	2017-12-15 11:46:00	server	Kindle	Kindle
800000007	Monic	Wu	ZKTECO	Visit	1	Jerry	Wang	Check-Out	4628036	2017-12-15 11:21:08	server	2017-12-15 11:23:10	server	PC	PC
800000006	Bella	Yu		Visit	2940	Sherry	Yang	Check-Out	4461253	2017-12-15 11:06:28	server	2017-12-15 11:22:00	server		Video
800000005	Bill	Fang		Visit	3	Leo	Hou	Check-Out	9505630	2017-12-15 11:02:36	server	2017-12-15 11:21:43	server		PC
800000004	Tom	Lee		Visit	2	Lucky	Tan	Check-Out	13260079	2017-12-15 10:59:56	server	2017-12-15 11:21:31	server		IPAD
800000003	Stephn	Chen		Visit	3	Leo	Hou	Check-Out	13260079	2017-12-15 10:47:43	server	2017-12-15 10:56:57	server		
800000002	Joey	Leung		Visit	2	Lucky	Tan	Check-Out	9505630	2017-12-15 10:46:06	server	2017-12-15 10:57:05	server		
800000001	Mary	Huang		Visit	2940	Sherry	Yang	Check-Out	4461253	2017-12-15 10:43:43	server	2017-12-15 10:57:27	server		

Patrol Guard Transaction Record @Patrol Module

ZKTECO
All Transactions

Time: 2017-09-15 00 : 00 : 00 - 2017-12-15 23 : 59 : 59

Time	Device Name	Personnel ID	First Name	Last Name	Card Number	Device Module	Route Name	Checkpoint	Verification Mode	Area Name	Remark
2017-12-15 13:53:51	192.168.218.60	8	Glori	Liu	6189166	Access	Route1	checkpoint1	Only Card	Area Name	
2017-12-15 13:53:51	192.168.218.60	8	Glori	Liu	6189166	Access	Route1	checkpoint2	Only Card	Area Name	
2017-12-15 13:53:49	192.168.218.60	8	Glori	Liu	6189166	Access	Route1	checkpoint2	Only Card	Area Name	
2017-12-15 13:53:48	192.168.218.60	8	Glori	Liu	6189166	Access	Route1	checkpoint1	Only Card	Area Name	
2017-12-15 13:53:46	192.168.218.60	7	Jacky	Xiang	6323994	Access	Route1	checkpoint2	Only Card	Area Name	
2017-12-15 13:53:46	192.168.218.60	7	Jacky	Xiang	6323994	Access	Route1	checkpoint1	Only Card	Area Name	
2017-12-15 11:54:18	192.168.218.60	8	Glori	Liu	6189166	Access	route1	checkpoint1	Only Card	Area Name	
2017-12-15 11:54:17	192.168.218.60	8	Glori	Liu	6189166	Access	route1	checkpoint2	Only Card	Area Name	
2017-12-15 11:54:15	192.168.218.60	7	Jacky	Xiang	6323994	Access	route1	checkpoint2	Only Card	Area Name	
2017-12-15 11:54:14	192.168.218.60	7	Jacky	Xiang	6323994	Access	route1	checkpoint1	Only Card	Area Name	
2017-12-15 11:54:10	192.168.218.60	5	Necol	Ye	13260079	Access	route1	checkpoint2	Only Card	Area Name	
2017-12-15 11:54:10	192.168.218.60	5	Necol	Ye	13260079	Access	route1	checkpoint1	Only Card	Area Name	
2017-12-15 11:54:08	192.168.218.60	2	Lucky	Tan	6155266	Access	route1	checkpoint2	Only Card	Area Name	
2017-12-15 11:54:07	192.168.218.60	2	Lucky	Tan	6155266	Access	route1	checkpoint1	Only Card	Area Name	
2017-12-15 11:53:48	192.168.218.60	2	Lucky	Tan	6155266	Access	route1	checkpoint1	Only Card	Area Name	
2017-12-15 11:53:47	192.168.218.60	2	Lucky	Tan	6155266	Access	route1	checkpoint2	Only Card	Area Name	
2017-12-15 11:53:44	192.168.218.60	2	Lucky	Tan	6155266	Access	route1	checkpoint1	Only Card	Area Name	
2017-12-15 11:53:43	192.168.218.60	2	Lucky	Tan	6155266	Access	route1	checkpoint2	Only Card	Area Name	

Created on: 2017-12-15 18:45:34

Patrol Record by Day @Patrol Module

ZKTECO

Patrol Records Today

Time	Device Name	Personnel ID	First Name	Last Name	Card Number	Device Module	Route Name	Checkpoint	Verification Mode	Area Name	Remark
2017-12-15 13:53:51	192.168.218.60	8	Glori	Liu	6189166	Access	Route1	checkpoint1	Only Card	Area Name	
2017-12-15 13:53:51	192.168.218.60	8	Glori	Liu	6189166	Access	Route1	checkpoint2	Only Card	Area Name	
2017-12-15 13:53:49	192.168.218.60	8	Glori	Liu	6189166	Access	Route1	checkpoint2	Only Card	Area Name	
2017-12-15 13:53:48	192.168.218.60	8	Glori	Liu	6189166	Access	Route1	checkpoint1	Only Card	Area Name	
2017-12-15 13:53:46	192.168.218.60	7	Jacky	Xiang	6323994	Access	Route1	checkpoint2	Only Card	Area Name	
2017-12-15 13:53:46	192.168.218.60	7	Jacky	Xiang	6323994	Access	Route1	checkpoint1	Only Card	Area Name	
2017-12-15 11:54:18	192.168.218.60	8	Glori	Liu	6189166	Access	route1	checkpoint1	Only Card	Area Name	
2017-12-15 11:54:17	192.168.218.60	8	Glori	Liu	6189166	Access	route1	checkpoint2	Only Card	Area Name	
2017-12-15 11:54:15	192.168.218.60	7	Jacky	Xiang	6323994	Access	route1	checkpoint2	Only Card	Area Name	
2017-12-15 11:54:14	192.168.218.60	7	Jacky	Xiang	6323994	Access	route1	checkpoint1	Only Card	Area Name	
2017-12-15 11:54:10	192.168.218.60	5	Necol	Ye	13260079	Access	route1	checkpoint2	Only Card	Area Name	
2017-12-15 11:54:10	192.168.218.60	5	Necol	Ye	13260079	Access	route1	checkpoint1	Only Card	Area Name	
2017-12-15 11:54:08	192.168.218.60	2	Lucky	Tan	6155266	Access	route1	checkpoint1	Only Card	Area Name	
2017-12-15 11:54:07	192.168.218.60	2	Lucky	Tan	6155266	Access	route1	checkpoint2	Only Card	Area Name	
2017-12-15 11:53:48	192.168.218.60	2	Lucky	Tan	6155266	Access	route1	checkpoint1	Only Card	Area Name	
2017-12-15 11:53:47	192.168.218.60	2	Lucky	Tan	6155266	Access	route1	checkpoint2	Only Card	Area Name	
2017-12-15 11:53:44	192.168.218.60	2	Lucky	Tan	6155266	Access	route1	checkpoint1	Only Card	Area Name	
2017-12-15 11:53:43	192.168.218.60	2	Lucky	Tan	6155266	Access	route1	checkpoint2	Only Card	Area Name	

Operation Log Record @System Module

ZKTECO

Operation Log

Operation User	Operation Time	Operation IP	Module	Operating Object	Operation Type	Operation Content	Result
admin	2017-12-18 15:06:35	127.0.0.1	Visitor	Visitor	Export	Export	Succeed
admin	2017-12-18 15:03:40	127.0.0.1	Elevator	Access Rights By Personnel	Export	Export	Succeed
admin	2017-12-18 15:03:17	127.0.0.1	Elevator	Access Rights By Floor	Export	Export	Succeed
admin	2017-12-18 15:02:59	127.0.0.1	Elevator	All Exception Events	Export	Export	Succeed
admin	2017-12-18 15:01:27	127.0.0.1	Elevator	All Transactions	Export	Export	Succeed
admin	2017-12-18 14:25:34	127.0.0.1	Attendance	Appended Receipt	Export	Export	Succeed
admin	2017-12-18 14:24:41	127.0.0.1	Attendance	Leave	Export	Export	Succeed
admin	2017-12-18 14:24:05	127.0.0.1	Attendance	Leave	Export	Export	Succeed
admin	2017-12-18 14:23:45	127.0.0.1	Attendance	Business Trip	Export	Export	Succeed
admin	2017-12-18 14:23:25	127.0.0.1	Attendance	Go Out	Export	Export	Succeed
admin	2017-12-18 14:22:26	127.0.0.1	Attendance	Overtime	Export	Export	Succeed
admin	2017-12-18 14:13:29	127.0.0.1	Attendance	Overtime	Export	Export	Succeed
admin	2017-12-18 14:06:58	127.0.0.1	Attendance	Adjust and Append	Export	Export	Succeed
admin	2017-12-18 14:04:21	127.0.0.1	Attendance	Adjust Shift	Export	Export	Succeed
admin	2017-12-18 14:02:21	127.0.0.1	Attendance	Adjust Shift	New	5	Succeed
admin	2017-12-18 14:00:27	127.0.0.1	Attendance	Adjust Shift	New	4;3	Succeed
admin	2017-12-18 13:56:27	127.0.0.1	Attendance	Adjust Shift	New	3	Succeed
admin	2017-12-18 13:55:40	127.0.0.1	Attendance	Adjust and Append	New	3;;3	Succeed