ZKBioSecurity Education Solution
(Kindergarten)

One Touch To Access All Areas

Fingerprint Recognition   Face Recognition   Palm Recognition   Finger Vein Recognition   Iris Recognition   Card Recognition

- Picking up Students with Biometric Verification

- Mobile APP for Guardian to Receive Notifications of Students

- Student and Teacher Time Attendance Management

- Real time Student Position,People Counting and Route Tracker inside the School

- Student GPS Positioning (out of school)

- User friendly interface

- BioHA 24 Hours High Availability Solution

ZKTeco

ZKBioSecurity Education Solution

● Access Control Module ● Car Park Module ● Elevator Module ● Video Surveillance Module

Laboratory

Seminar Room

Principal Office

Teachers' Room

Library

Elevator

Classroom/ Tutorial Room

Server Room

Computer Pool

Car Park

Reception/ Entrance

Corridor

Ultra High Frequency RFID Reader

UHF Reader
- IP66 Standard Dustproof & Waterproof
- Long Distance Read Range

Elevator Control Panel ●

EC10
- Secure, scalable and versatile.
- Elevator Controls and Expansion Boards

Professional Sercurity Software
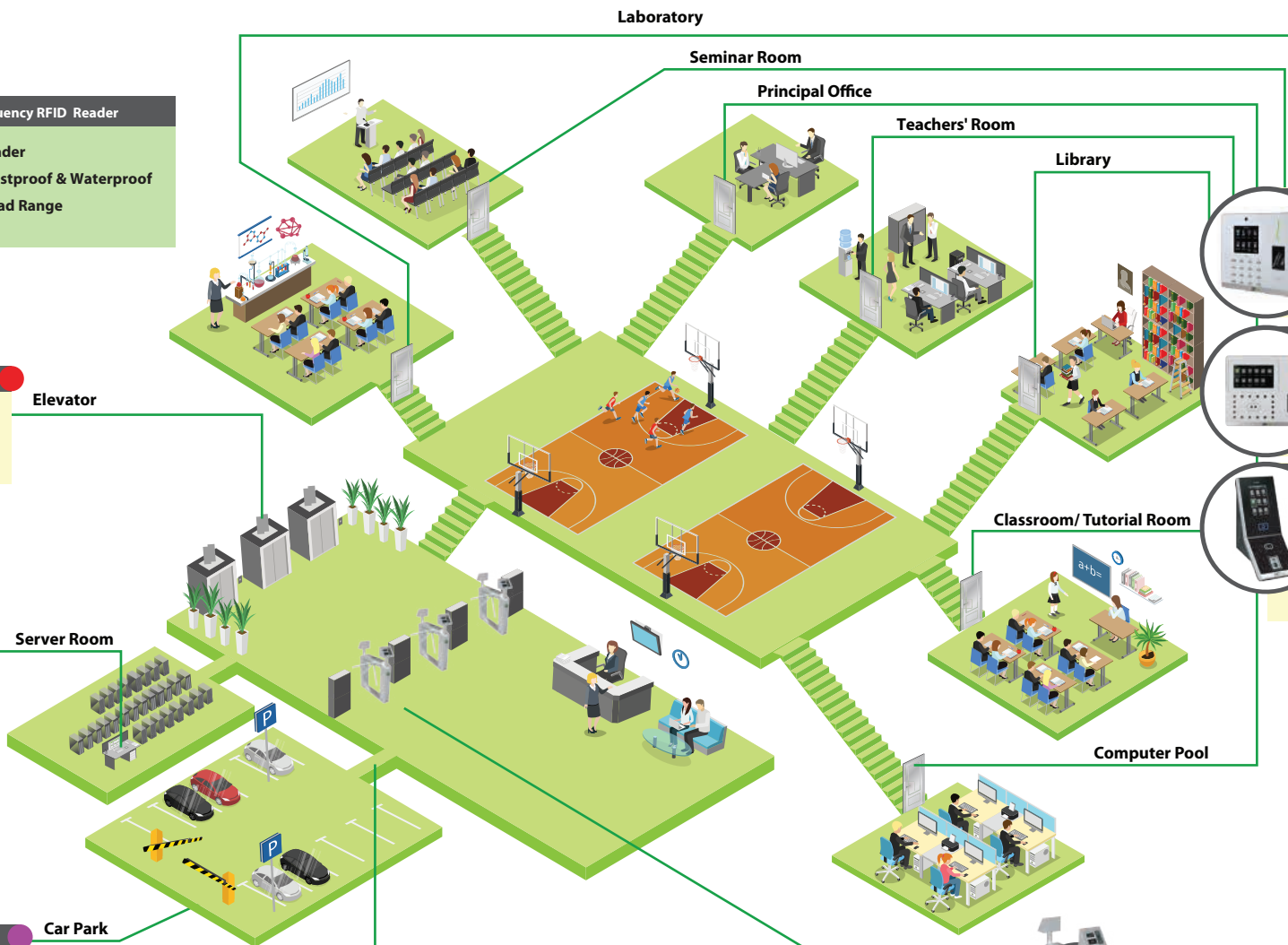
ZKBioSecurity

- All-In-One solution
  (Access Control, Video Surveillance,
  Elevator and Visitor)
- Simple Structure and Smooth Workflow
- Multi-door Management Capacity
  (Up to 2,000 doors in Single Server and
  8,000 Multi-Server)

Parking Barrier ●

PB3000
- Boom can be raised and lowered smoothly
  and steadily;
- Outer case and interior can be flexibly
  separated, convenient for maintenance and
  customization;
- Simple installation - just to fix the barrier gate
  on floor and connect it to electricity

Multi-Biometric Time Attendance & Access Control Terminal ●

G2
- Multiple Verification Modes:
  Face/ Card / Password
- Dry, Wet and Rough Fingers
- SilkID Fingerprint Sensor

Multi-Biometric Time Attendance & Access Control Terminal ●

G3
- Multiple Verification Modes:
  Face / Fingerprint / Card / Password
- Dry, Wet and Rough Fingers
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Multi-Biometric Access Control Terminal ●

ProBio
- Multiple Verification Modes:
  Face / Fingerprint / Card / Password
- Dry, Wet and Rough Fingers
- SilkID Fingerprint Sensor
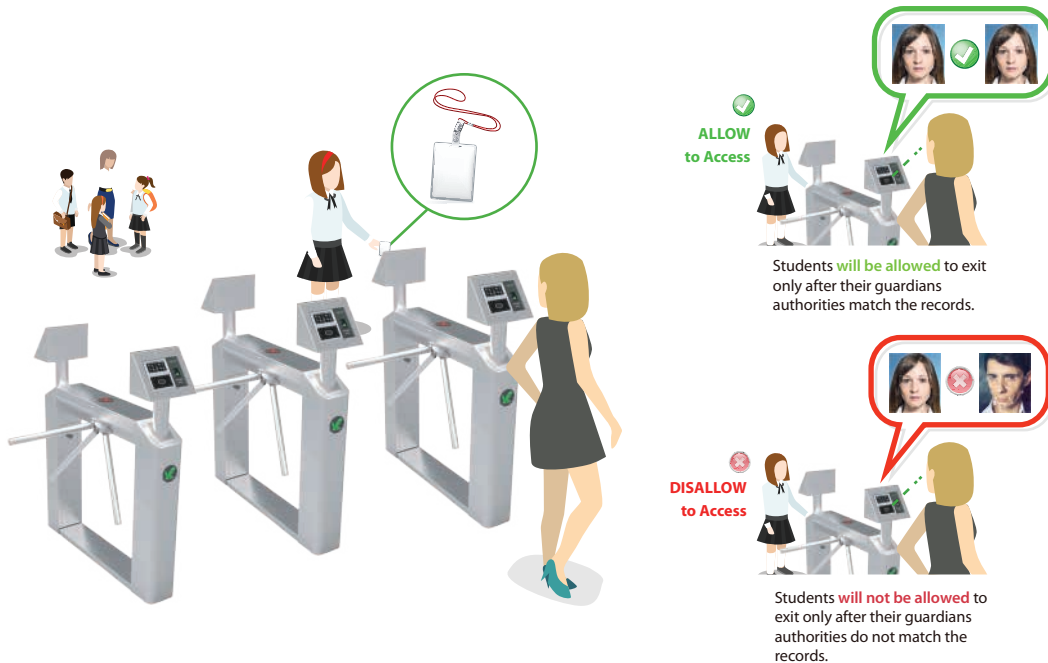- Built In Camera:Event Snapshot
  and User Photo

Video Surveillance ●

BS-54N11K
- 4.0MP, H.265
- 1/3" Sony CMOS, WDR
- IR: 20M
- ONVIF2.4
- IP67
- P2P, Mobile View

Entrance Control ●

TS2000
- Alloy Steel Tripod Hub
- Fingerprint & RFID Reader (Optional)

Pick-up Biometric Verification Mode

It is able to combine two more persons into one personnel group for multi-person authorization of door opening. For school applications, students will only be allowed access or exit of doors upon successful matching of guardians' authority of the personnel group. It is able to combined door opening by two people. In the education situation, Multi-Person Authoruzation is a combination of the personnel in one or more Multi-Person students will be allowed to exit until the recogniation of guardians is match to the group.

ALLOW to Access

Students **will be allowed** to exit only after their guardians authorities match the records.

DISALLOW to Access

Students **will not be allowed** to exit only after their guardians authorities do not match the records.

Pop-up Notification

Sally has left the school

Once the students are allowed to exit, mobile message will pop up to notify that their children have already left the school.
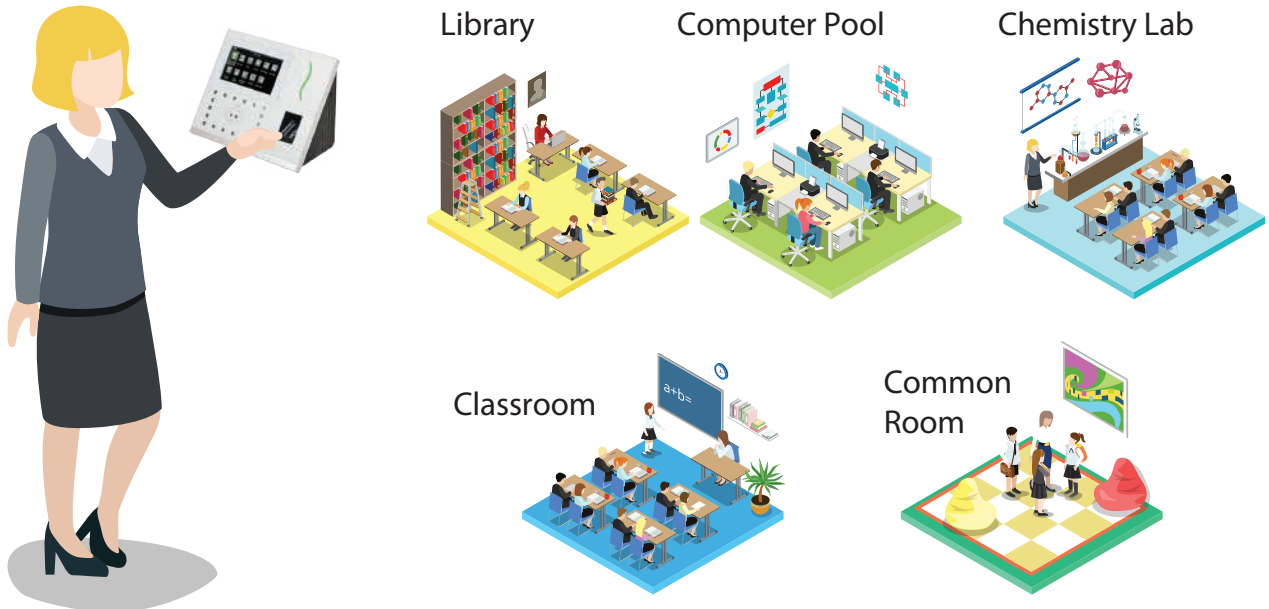
Realtime student Position

In order to make sure students are all safe, ZKTeco has a real time monitoring function, allowing administrator to realise the location of the student, once the students wear the hand straps, no matter they are on the library, classroom or theatre, administrator will know the real-time location of the students via E-map.

UHF Reader

Hand Strap
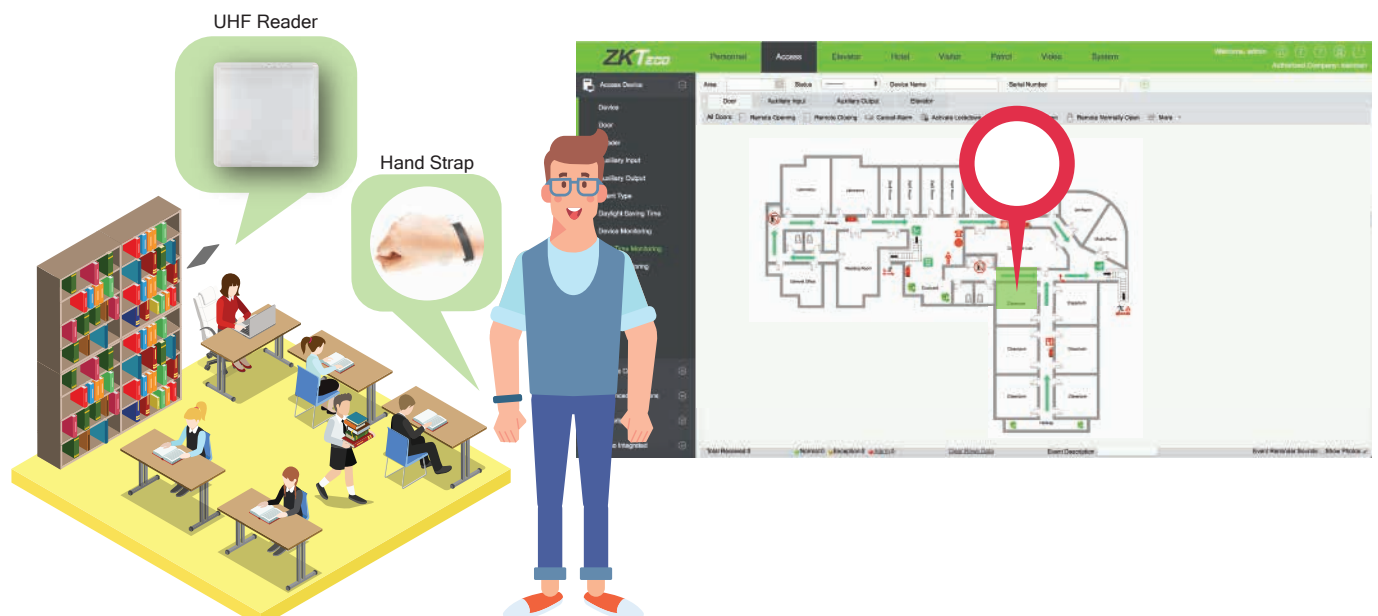
Student Attendance Record

ZKBioSecurity is designed to provide students a time attendance that records their attendance within the school area, just simply punch in the time attendance, the clock-in will be recorded.

Library

Computer Pool

Chemistry Lab

Classroom

Common Room

Real-time GPS Position (Outside School)

For teachers' and students' tracking needs, ZKBioSecurity is a ready assistance with GPS tracking. In school, outside school and on-the-road, anywhere your staffs need to be, it is ready to track. It is able to perform tracking whenever the persons are at school, outside school or commuting to school. It can deliver and enable you to monitor the information to secure the safe situation of the students.

S922

Real Time Dashboard

ZKBioSecurity allows you to quickly find the number of students within the area promptly. The number of students is indicated on E-map, and the number also shows how many students have come in through the library entry gates.
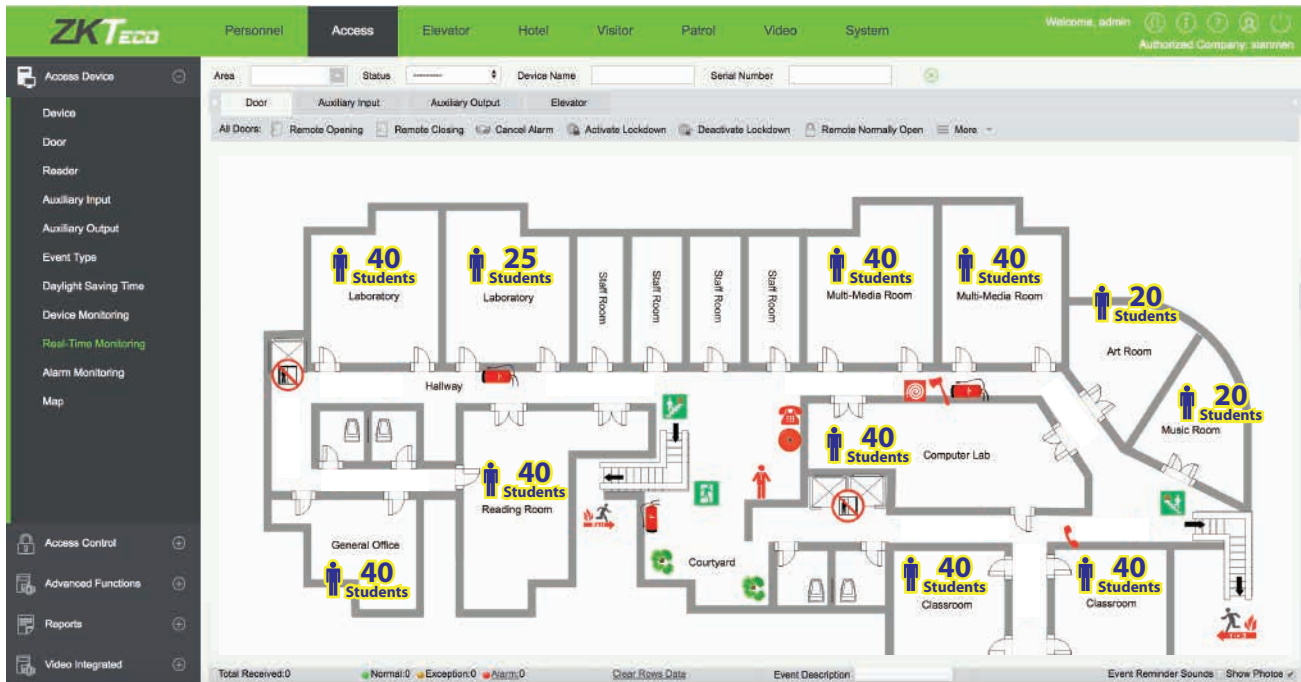
Route Tracker

Route Tracker is a GPS module for tracking/ loading routes in Biosecurity that gives you a real-time response on your location. The GPS route tracking module can also display tracks also from the past. You can easily search for routes from the past and analyse it.
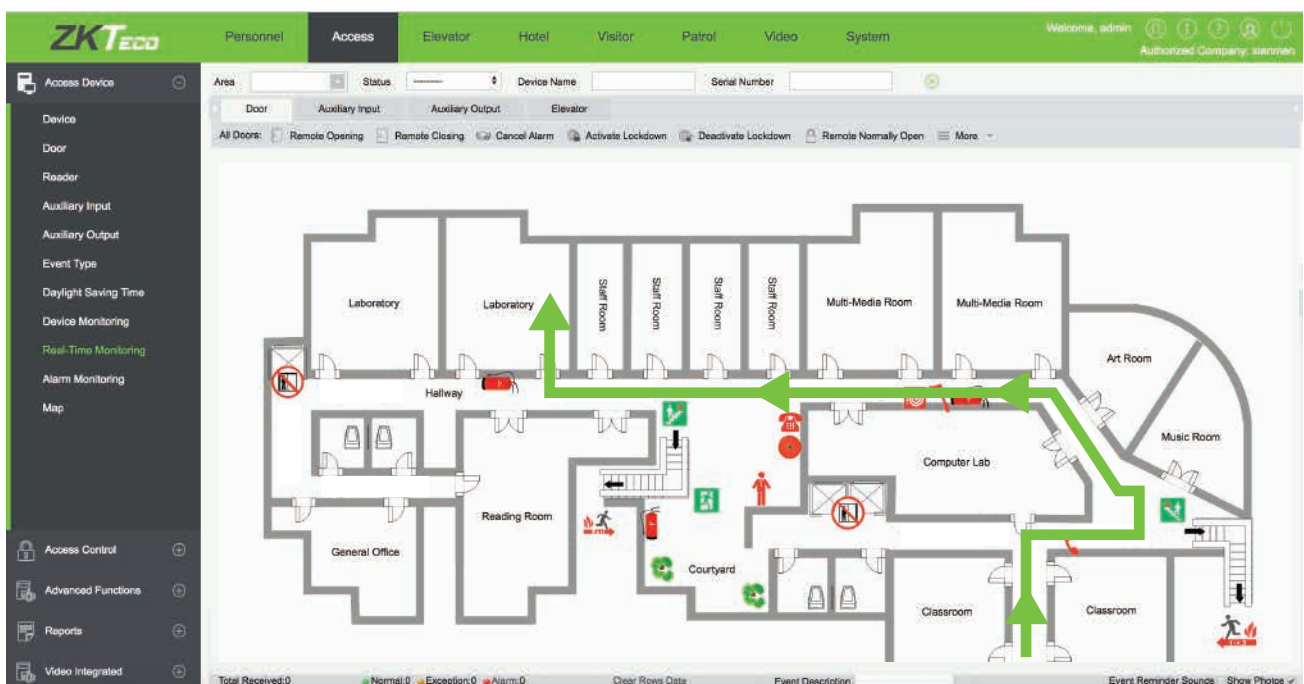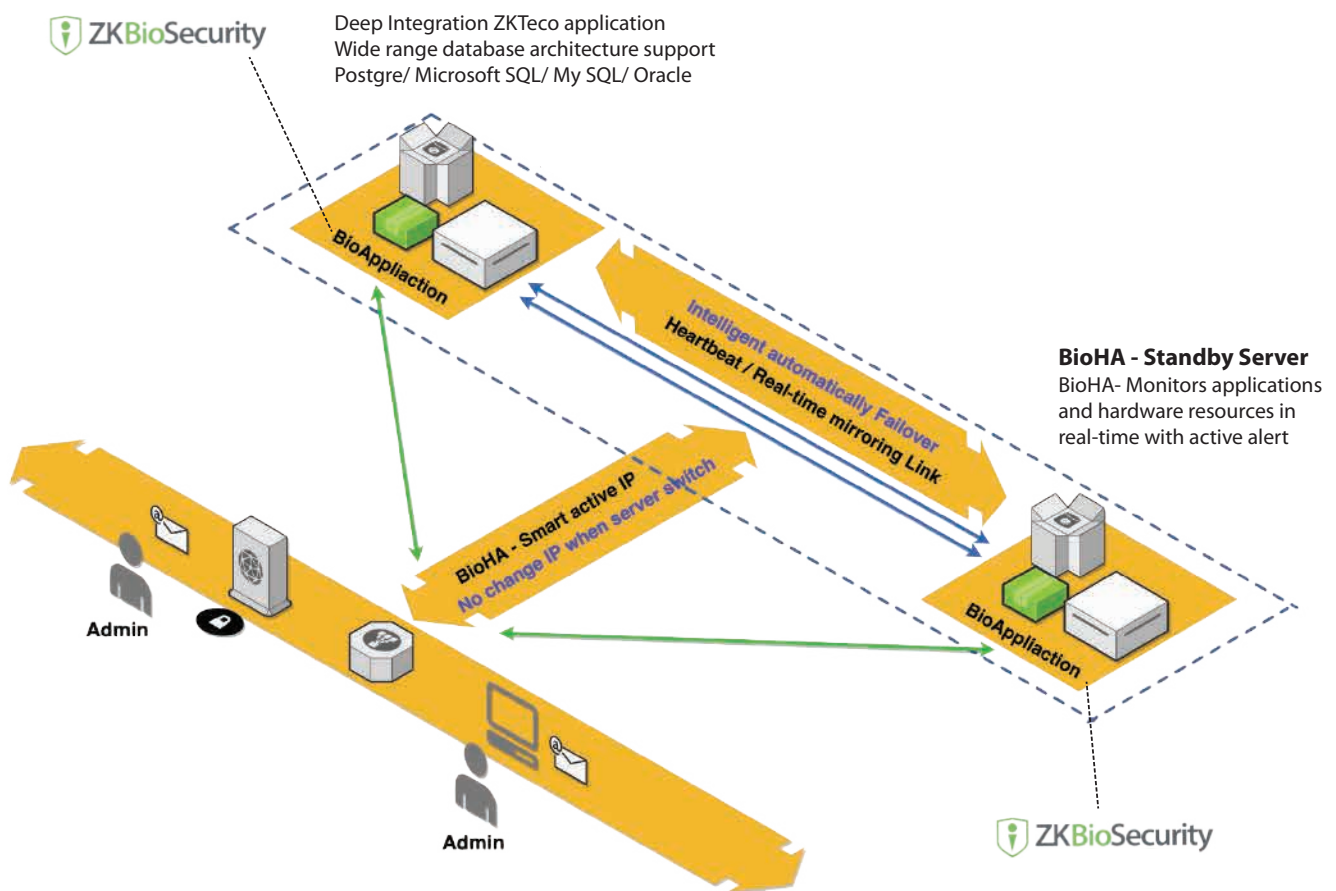
ZKTeco BioHA
Real-time Data Mirroring Cluster High Availability (HA) Solution

The BioHA monitors and protects server's IP, applications and data I/O via HA technology. When application or server encounter failure, BioHA will automatically quickly switch to the standby server, to guarantee continuous running of application and service.

BioHA is fully integrated with ZKTeco server base applications: BioSecurity / BioTime to give you the more reliable to secure your system.

ZKBioSecurity

Deep Integration ZKTeco application
Wide range database architecture support
Postgre/ Microsoft SQL/ My SQL/ Oracle

BioAppliaction

Intelligent automatically Failover
Heartbeat / Real-time mirroring Link

BioHA - Standby Server
BioHA- Monitors applications
and hardware resources in
real-time with active alert

BioHA - Smart active IP
No change IP when server switch

Admin

Admin

BioAppliaction

ZKBioSecurity

User Friendly Interface

The user interface of ZKBioSecurity is user-friendly, the use of effective and simple user interface design will be immense help in achieving the objective and flexible as per the requirement of users.

Global Linkage

ZKBioSecurity provides the Global Linkage Service to the user. It is able to automate system functions and notifications system wide.

There are multiple tiers to the alert process including Output point, Video Linkage, Active Time, Email Notification and Linkage Voice Prompts.
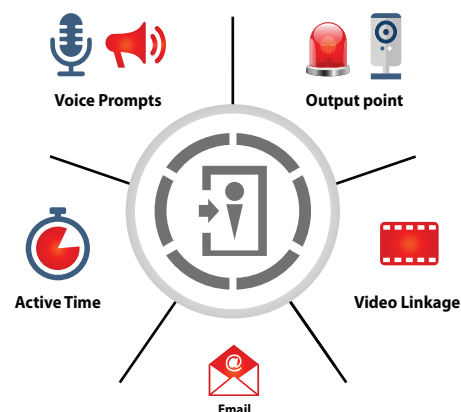
Output point
With Global I/O, Output point allows administrators to configure linkages where various events can be linked to any other input/ output/ events in the system. These linkages can be activated by various events with different access level, invalid card, unrecognized finger-print read and motion detection might trigger such outputs (Alarm, IP Camera...etc).

Video Linkage
Photo Capture and Pop-up video warm administrators when exceptional events take place. Video could include footage before the events happened. Video length could be up to 180 seconds.

Active Time
Administrator can set an active time for the linkage by pre-defined time zones or date range.

Email Notification
Email notification allows an operator to send a message via email automatically whenever a specific triggering occurs.

Linkage Voice Prompts
Voice linkage will announce a series of of warning messages which are accompanied by siren sounds. These linkage the announcements will be caused by particular action.

G3
Multi-Biometric Time Attendance & Access Control Terminal

Green Label

- Modern Design & Interactive UI
- Revolutionary SilkID Fingerprint Sensor
- Simple Management & Scalabilit
- Multiple Verification Modes: Face / Fingerprint / Card / Password
- Outstanding Performance With Dry, Wet and Rough Fingers

ProBio
Multi-Biometric Access Control Terminal

- Multiple Verification Modes:
  Face / Fingerprint / Card / Password
- Dry, Wet and Rough Fingers
- SilkID Fingerprint Sensor
- Built In Camera:Event Snapshot
  and User Photo

UHF Reader Series
The New Generation Ultra High Frequency RFID Reader

- CE, FCC Certificated
- IP66 Standard Dustproof & Waterproof Features
- Economic Price with Adjustable Long Distance Reading Range

UHF Tag Series
UHF Anti-Metal Electronic Tag/ UHF Anti Tear Electronic Tag

- Passive Electronic Tag
- Highly Durable
- AntiTear/ Anti-Metal Embedded Asembly
- Long Distance Fixed Vehicle Access Management

RFID Parking Gate System
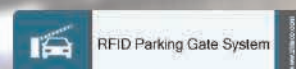
PB3000
Parking Barrier

- Compact design, convenient for packing and lowering delivery cost
- ZK designed rolling pressure spring technology, extending product life

BS-54N11K
H.265 4MP Bullet IP Camera

- 4.0MP, H.265
- 1/3" Sony CMOS, WDR
- IR: 20M
- ONVIF
- IP67
- P2P, Mobile View

EC10
Elevator Control Panel

- Secure, scalable and versatile...
- Elevator Controls and Expansion Boards

ZKTeco

ZKBioSecurity

All in One Solution

Features:

Web Based Platform

All-In-One Solution

Many Doors Management Capacity

Neat and Tidy, Simple User Friendly UI

Email Notifications

Data Auto-Backup Function

Supports 3rd Party Video Device

Global Anti-Passback and Linkage

Huge Data Processing Capability
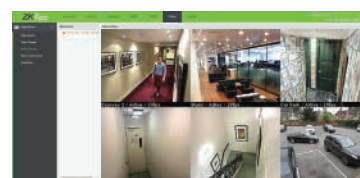
All In One Web Based Security Management Solution
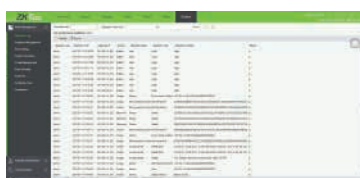
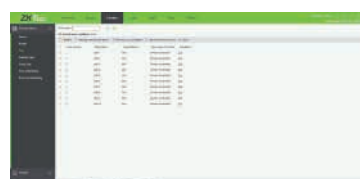**HTTPs Web Security Protocol**

Accurate Check for Innate Location
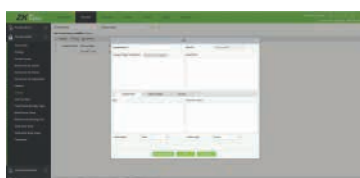
Precise Real Time Monitoring

Video Surveillance Module
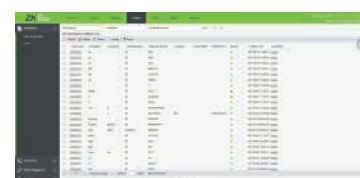(Fully Supports HIK Vision/ Dahua and ONVIF)

Jail Location E-map
(Adjustable)

Elevator Control

Access Control Linkage With Multi Modules
(Video Surveillance, Alarm, Elevator)

Full Functioned Visitor Module

ZKBioSecurity

HTTPs Web Security Protocol

- SSL/ TLS every Encypteel
- Prevents eavesdroppings and man-in-middle attacks

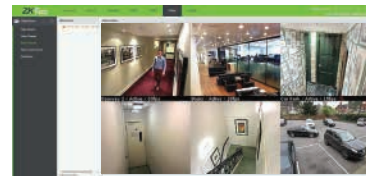## Accurate Check for Innate Location

- Able to check who is inside in particular area
- Check for the last access location

Precise Real Time Monitoring

- Flexible and expandable design
- Remote opening and closing lock down control
- Pop-up alarm notification
- Automatic determines who is/ are inside the specific area
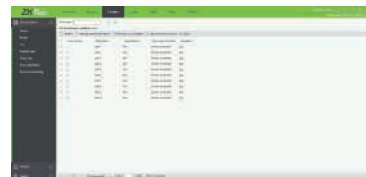
Video Surveillance Module

- Fully Supports ZKTeco, HIKVision and Dahua video surveillance
- Supports ONVIF
- Interactive with access control and elevator system with various output options
- Up to 30sec pre-event recording function

Jail Location E-map (Adjustable)

- Supports multiple floor location display
- Supports device status notification
- Drag and drop layout designing
- Real time monitoring

Elevator Control

- Supports up to 50 Floors
- Supports multiple access authority setting
- Multiple event types can be defined

Access Control Linkage With Multi Modules

- Supports multi module linkage
- Access control, video surveillance and elevators
- Supports more than 100 linkage combinations
- Supports email notification for all events

Full Functioned Visitor Module
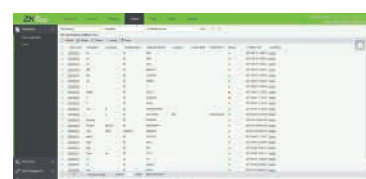
- Online Registration
- Supports OCR and USB Camera
- Visitor Time Schedule Setting
- Detailed visitor reports

The Leader Of Security And Time Management Solution

Fingerprint Recognition

Face Recognition

Palm Recognition

Finger Vein Recognition

Iris Recognition

Card Recognition