ZKBioSecurity Education Solution
(High School and University)

One Touch To Access All Areas

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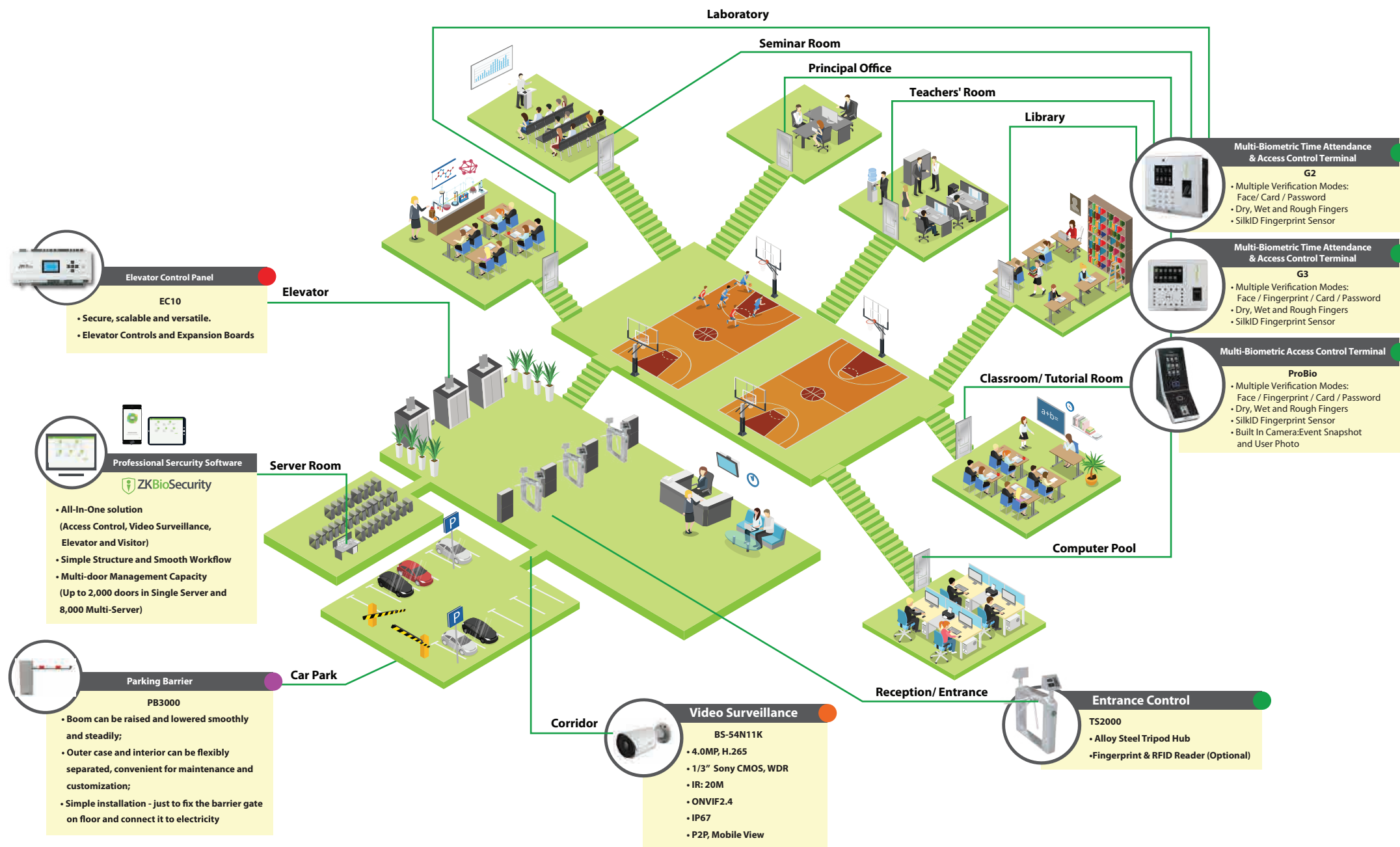
Features

- **Student and Teacher Time Attendance Management**

- **Control the Order of the Attendance for Teachers and Students**

- **Show the Subject Name, Teacher Name etc. Info on the T&A Terminal Screen**

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

- **Seamless Integration with Schedule of School's Existing System**

- **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

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
- SilkID Fingerprint Sensor

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

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

Elevator

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)

Server Room

Classroom/ Tutorial Room

Computer Pool

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

Car Park

Corridor

Reception/ Entrance

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)

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.

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

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

Check In/ Out

ZKBioSecurity can used to track and monitor when employees start and stop work. it can be recorded with just one touch or a quick scan

a+b=
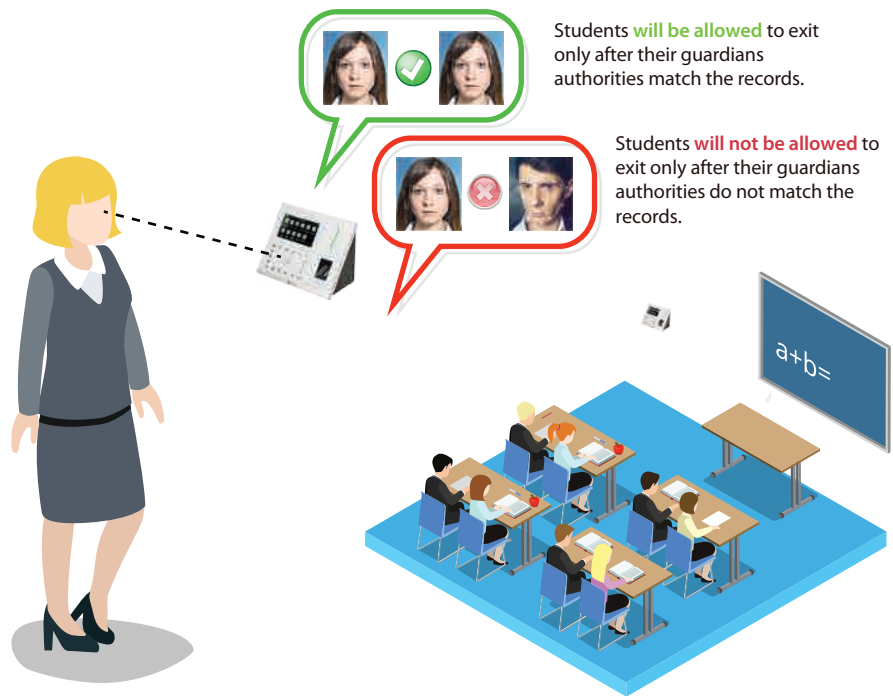
Teacher and Student Attendance Record

ZKBioSecurity provides a formula of prioritization for teachers and students for attendance recording. Teachers are required to stand in front of screen and be matched with saved templates in school database before students' attendance taking. Otherwise, students' attendance will not be recorded.

IF ➡ =

Both Parties' Time Attendance informations Recorded
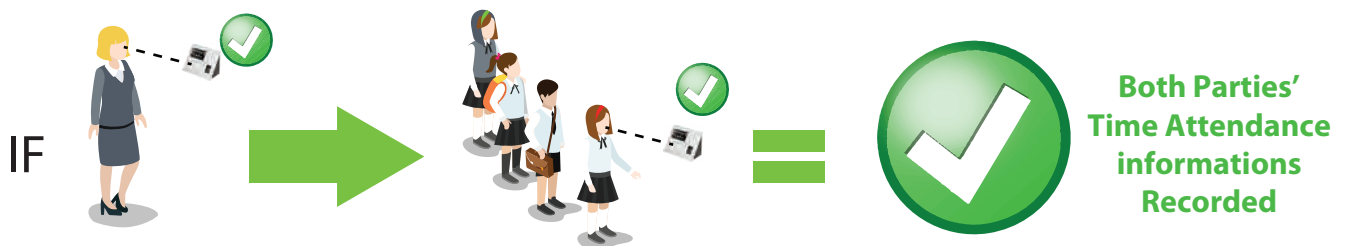
Students' attendance will only be eligible after teachers are matched with saved templates and attendance is recorded.

Without =

Both Parties' Time Attendance informations Do Not Recorded

Students' attendance will not be eligible after teachers fail to be matched with saved templates.

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.
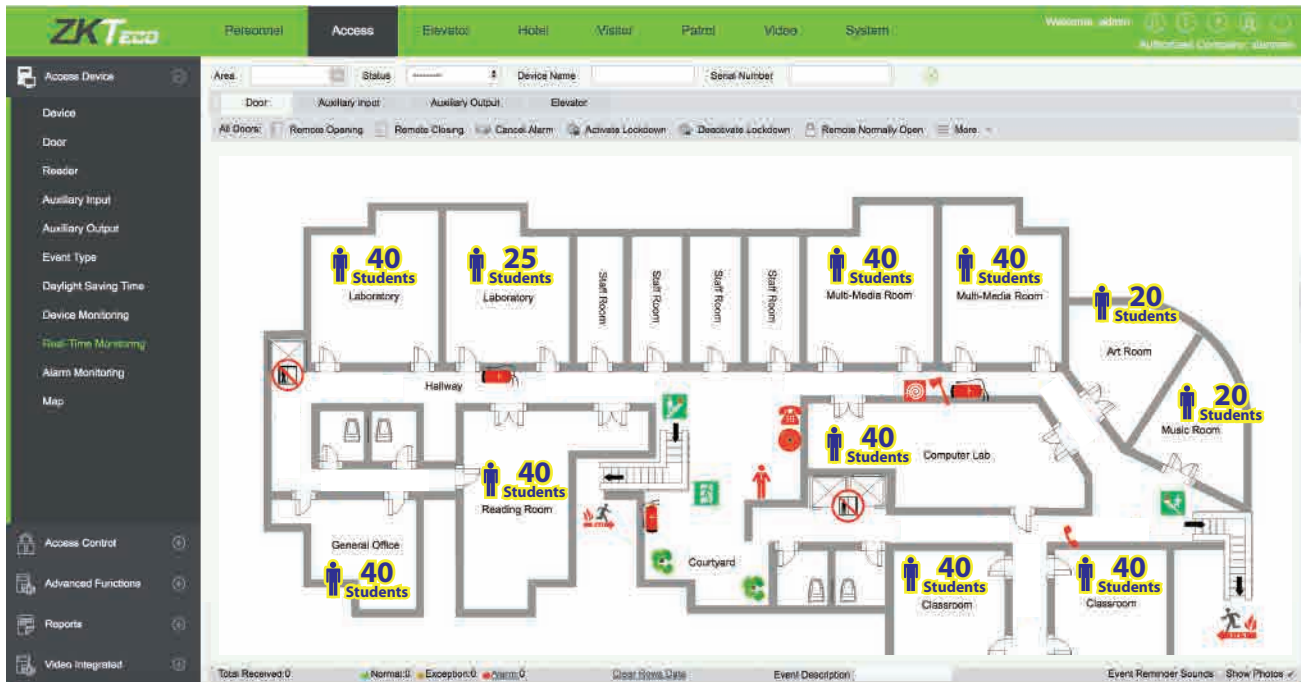

Route Tracker

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.
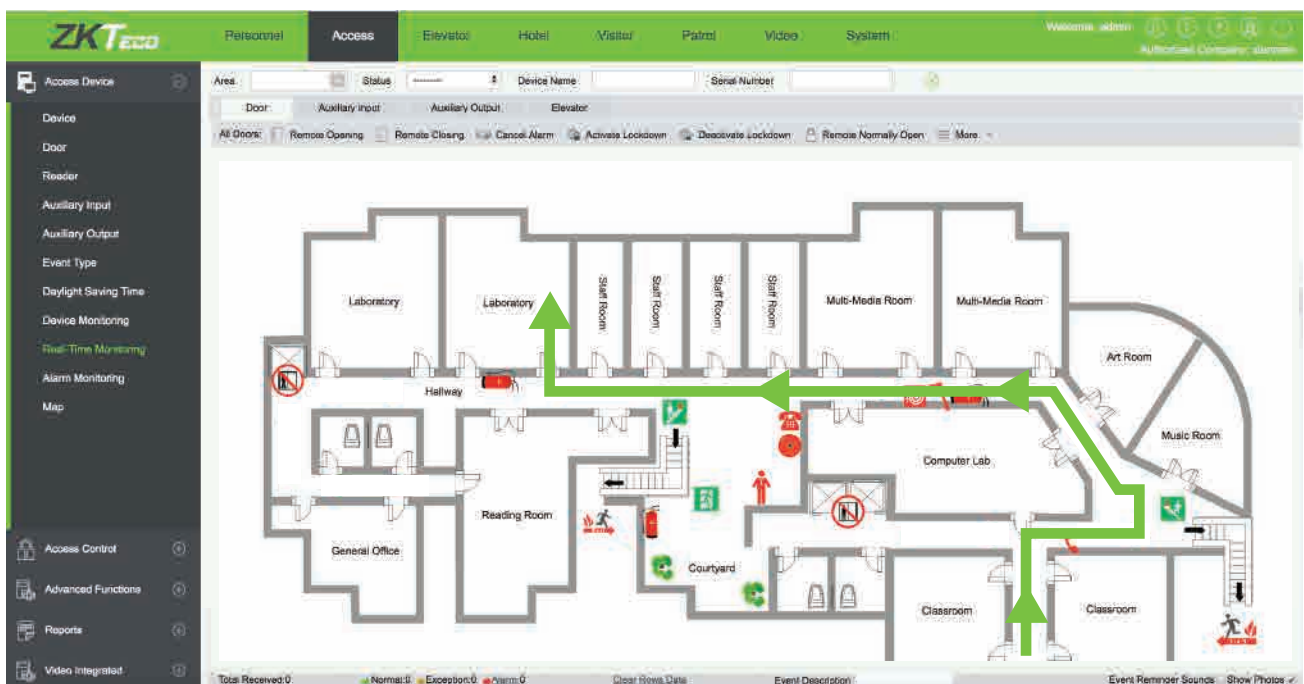
Personnel Management

ZKBioSecurity is able to to manage, review, and edit personnel's basic information, position information, contact, and academic background etc.; it is convenient for managing staffs to easily make use of personnel's information and save the manpower for manual review of print materials.
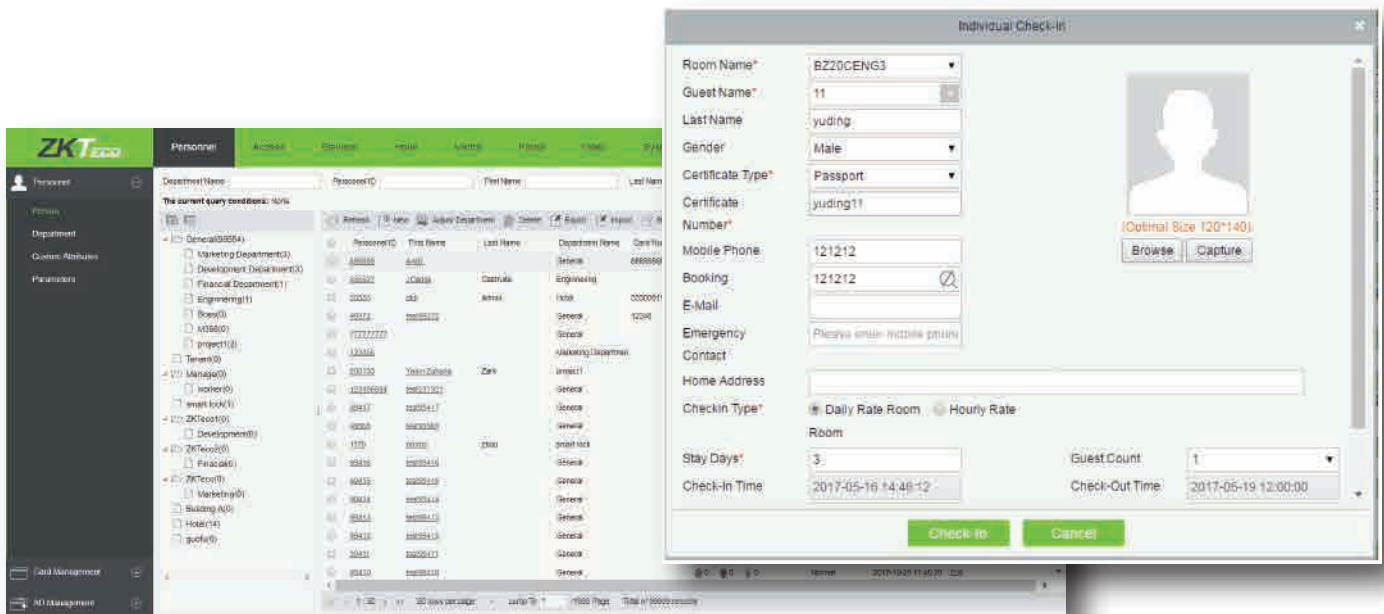
API/ AD integrate with System of Secondary School and University

ZKBioSecurity can be integrated with the school and university system, which permits companies to develop custom applications that connect directly with your school's software, therefore you can add features or do any improvment upon school management processes and you will have an opportunity to integrate to a custom software application that is specialized for your needs.

View Classroom Camera (Real Time Monitoring)

ZKBioSecurity includes the video surveillance function, takes real-time monitoring to all of the classroom. It allows you to view multiple cameras simultaneously, view recorded images, search through archived footage, play back events, and much more. Remote video surveillance is perfect for users who are often off-site, and therefore not able to be on the local computer system where their IP cameras are connected.
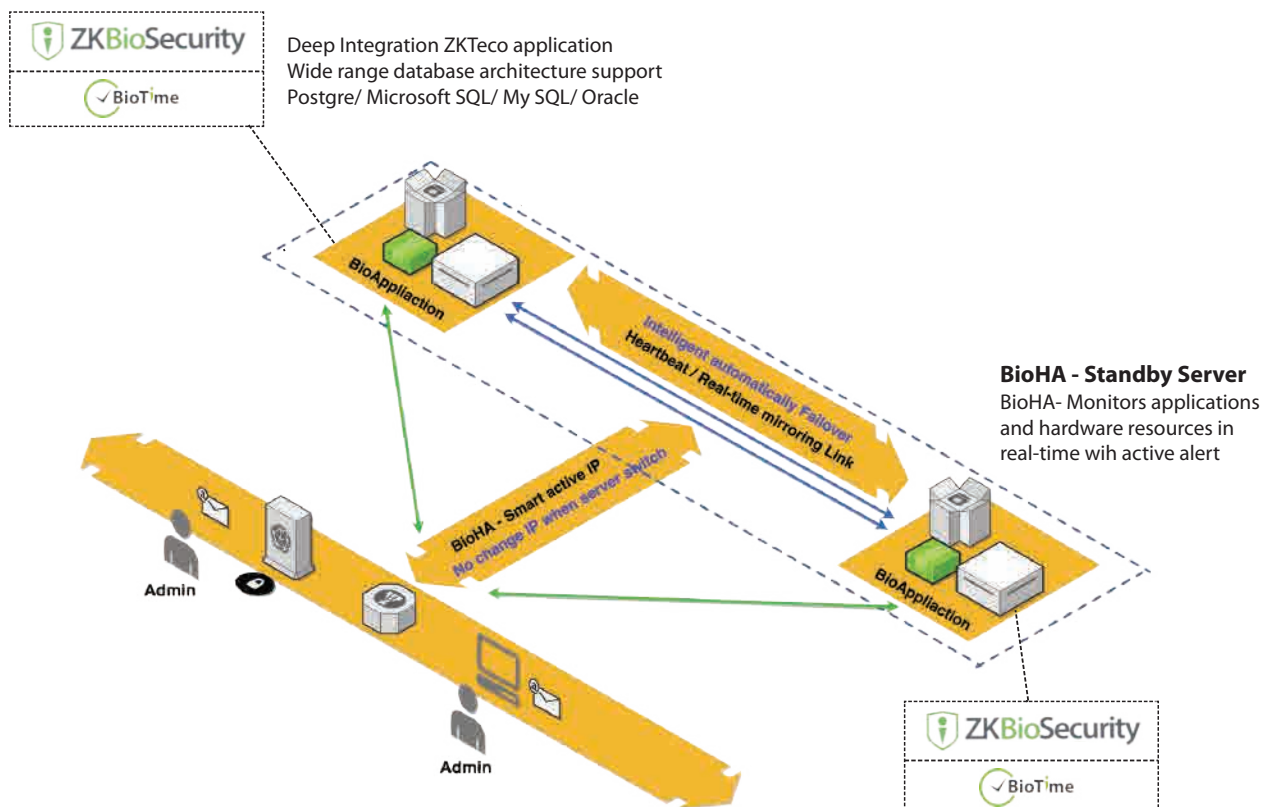

Video Surveillance
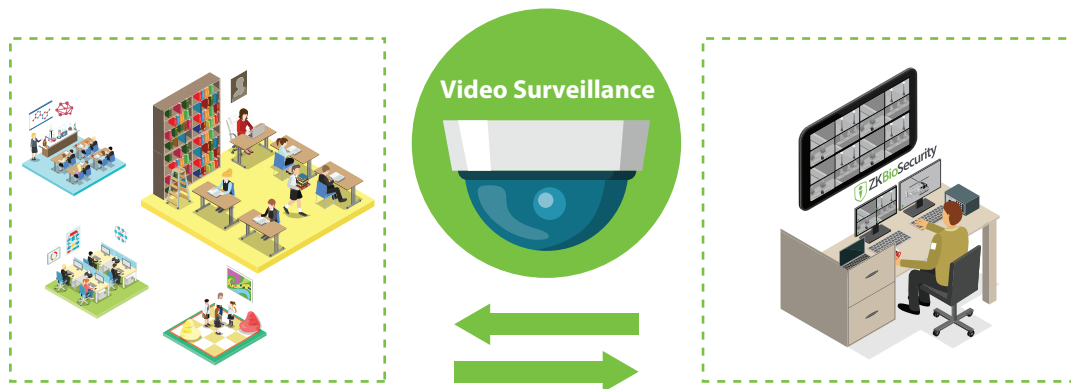
ZKTeco BioHA
Real-time Data Mirroring Cluster High Availability (HA) Solution

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.

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

Heartbeat / Real-time mirroring Link
Intelligent automatically Failover

BioHA - Smart active IP
No change IP when server switch

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

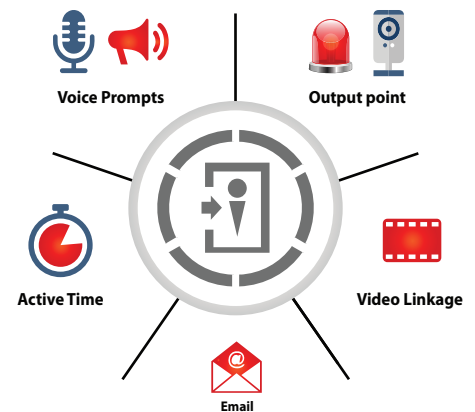Admin

Admin

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.

Voice Prompts · Output point · Active Time · Video Linkage · Email

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

- 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

Green Label

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

EC10
Elevator Control Panel

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

![ZKTeco logo]

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

![ZKBioSecurity logo]

All in One Solution

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
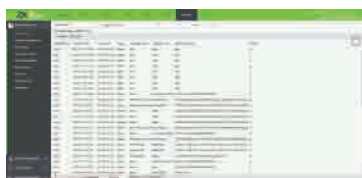
HTTPs Web Security Protocol

Accurate Check for Innate Location

Precise Real Time Monitoring
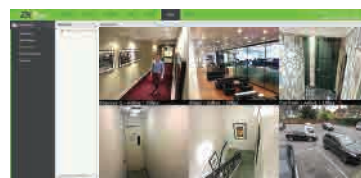
Video Surveillance Module
(Fully Supports HIK Vision/ Dahua and ONVIF)

Jail Location E-map
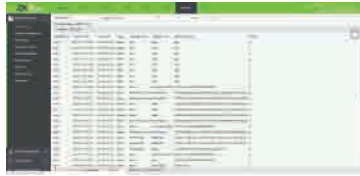(Adjustable)

Elevator Control

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

Full Functioned Visitor Module

ZKBioSecurity
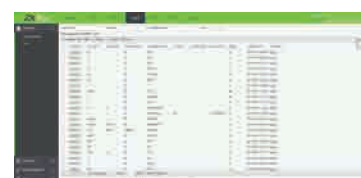
HTTPs Web Security Protocol

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

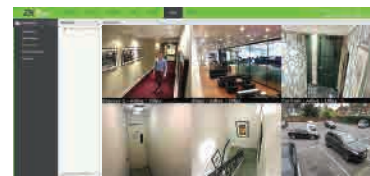## Accurate Check for Innate Location

- 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
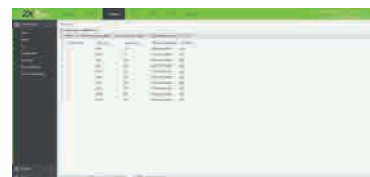
Video Surveillance Module

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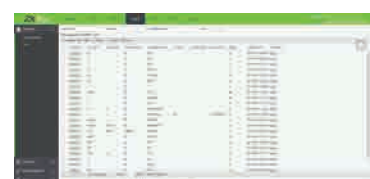
- Online Registration
- Supports OCR and USB Camera
- Visitor Time Schedule Setting
- Detailed visitor reports

The Leader Of
Security And Time Management
Solution

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