ZKBioSecurity Education Solution

One Touch To Access All Areas

Fingerprint Recognition   Face Recognition   Palm Recognition   Finger Vein Recognition   Iris Recognition   Card Recognition
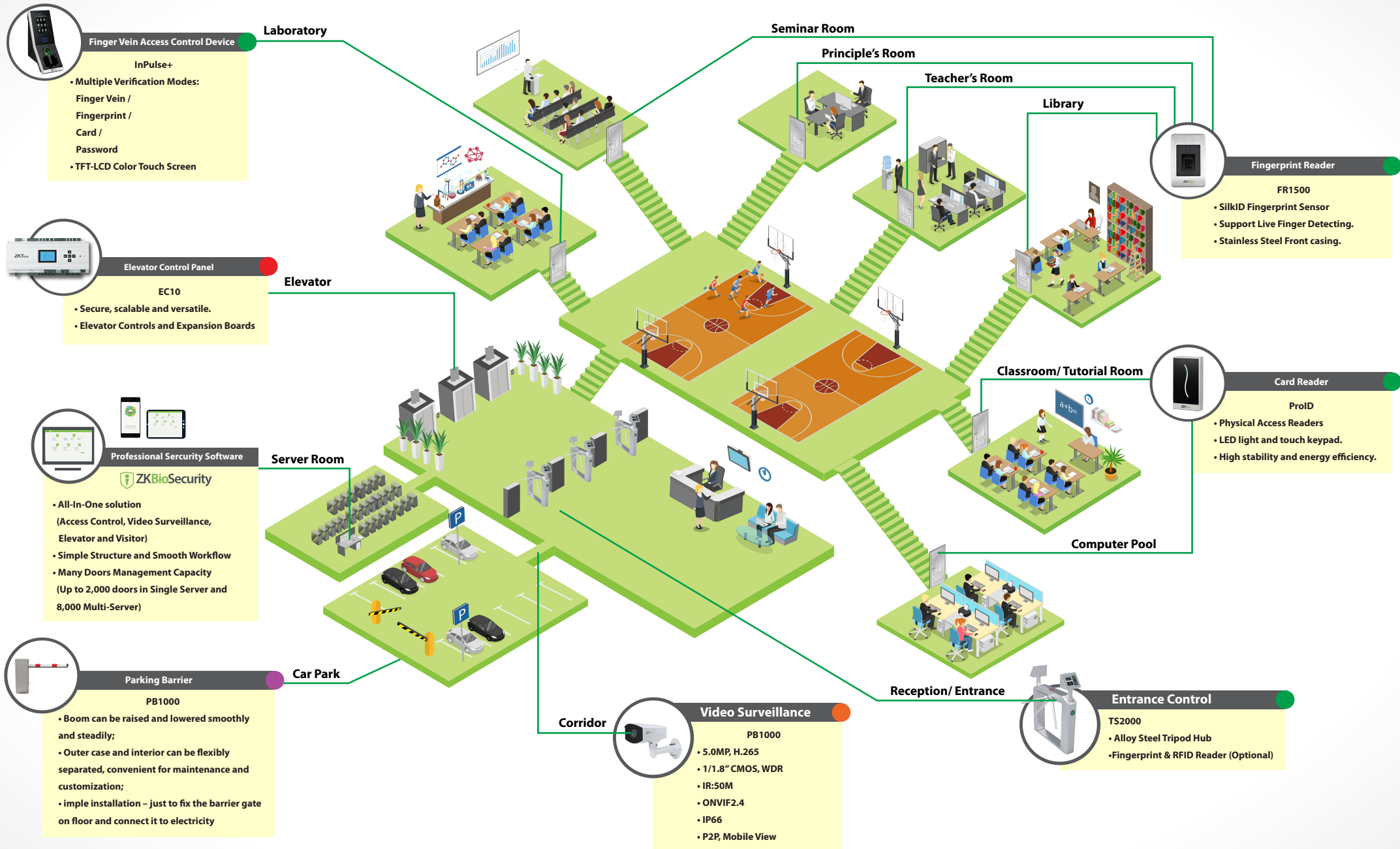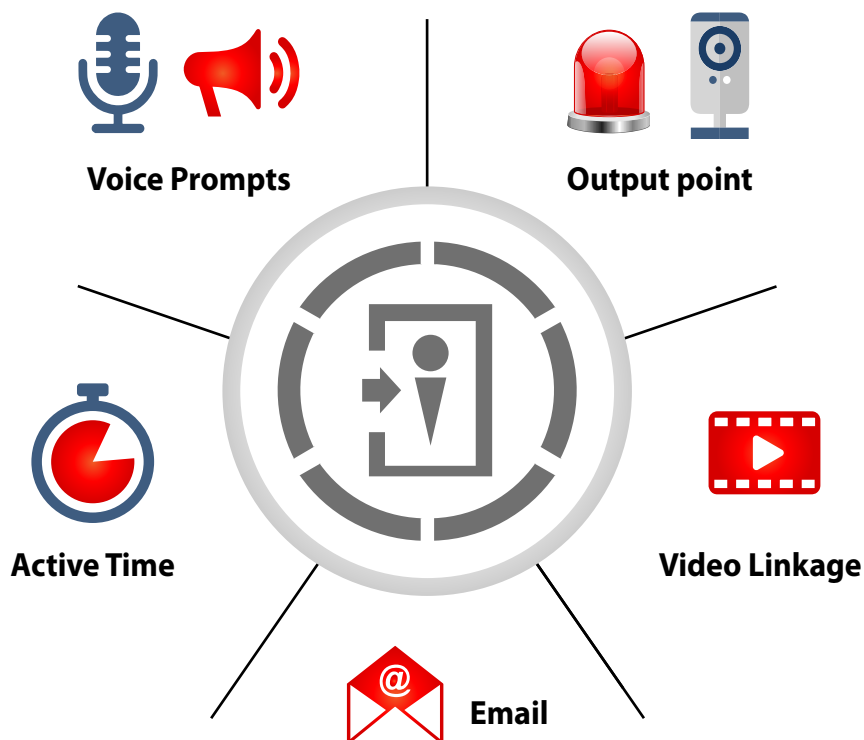
- **Unlimited Guards & Admin Accounts**

- **Web Based Solution**

- **One Touch To Access All Areas**

- **Full Functioned Visitor Module**

- **Anti-Passback and Global Interlock**

- **Multi Card Technologies:**
  Support HID Proximity, HID iClass, Mifare Classic, Mifare Plus, DESFire EV1/ EV2, LEGIC, ID Proximity

- **Support Biometric Technology:**
  Fingerprint & Finger Vein & Palm & Face Recognition

ZKTeco

ZKBio Education Solution   All In One Web Based Security Management Solution

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

Finger Vein Access Control Device

InPulse+
- Multiple Verification Modes:
  Finger Vein /
  Fingerprint /
  Card /
  Password
- TFT-LCD Color Touch Screen

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
- Many Doors Management Capacity
  (Up to 2,000 doors in Single Server and
  8,000 Multi-Server)

Parking Barrier

PB1000
- Boom can be raised and lowered smoothly
  and steadily;
- Outer case and interior can be flexibly
  separated, convenient for maintenance and
  customization;
- imple installation – just to fix the barrier gate
  on floor and connect it to electricity

Laboratory

Seminar Room

Principle's Room

Teacher's Room

Library

Fingerprint Reader

FR1500
- SilkID Fingerprint Sensor
- Support Live Finger Detecting.
- Stainless Steel Front casing.

Elevator

Card Reader

ProID
- Physical Access Readers
- LED light and touch keypad.
- High stability and energy efficiency.

Classroom/ Tutorial Room

Server Room

Computer Pool

Car Park

Reception/ Entrance

Corridor

Video Surveillance

PB1000
- 5.0MP, H.265
- 1/1.8" CMOS, WDR
- IR:50M
- ONVIF2.4
- IP66
- P2P, Mobile View

Entrance Control

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

Global Linkage

Voice Prompts

Output point

Active Time

Video Linkage

Email

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 actived by various events with different access level, invalid card, unrecognized finger-print read and motion detection might trigger such outputs (Alarm, IPCamera...etc).

Video Linkage

Photo Capture and Pop-up video to warn administrator 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 trigger occurs.

Linkage Voice Prompts

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

Multi Person Authorization

Multi-Person Authoruzation is a combination of the personnel in one or more Multi-Person Personnel group. It is able to combined door opening by two people. In the education situation, 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 since the face of the guardians is match to the authority records.

DISALLOW to Access

Students **will not be allowed** to exit since the face of the guardians is match to the authority records.
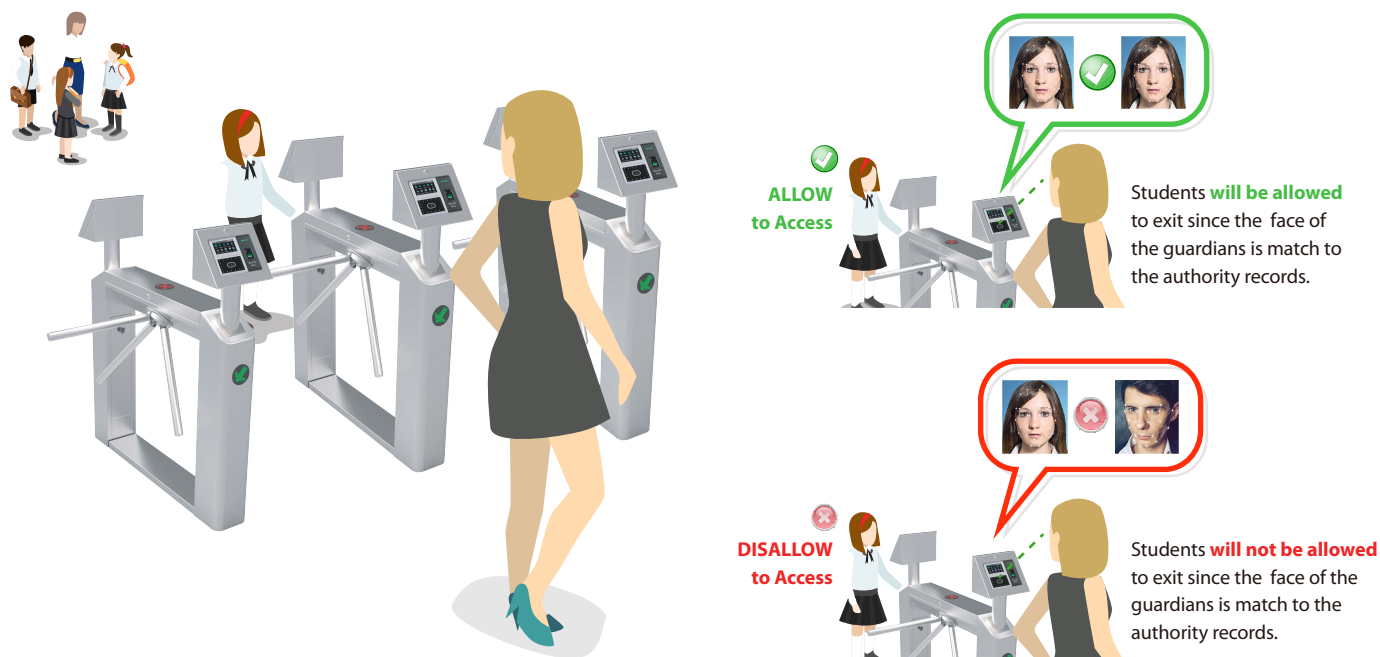
Registration

To book the classrooms for teaching and other activities, the users just simply click out the corresponding date and time via ZKBiosecurity software and get approval by pressing a hand or finger to a scanner. This proven and recoginzed biometric procedure ensures that the person is authorised and has a right to book a room

Room Booked Successfully

Room Booked Unsuccessfully
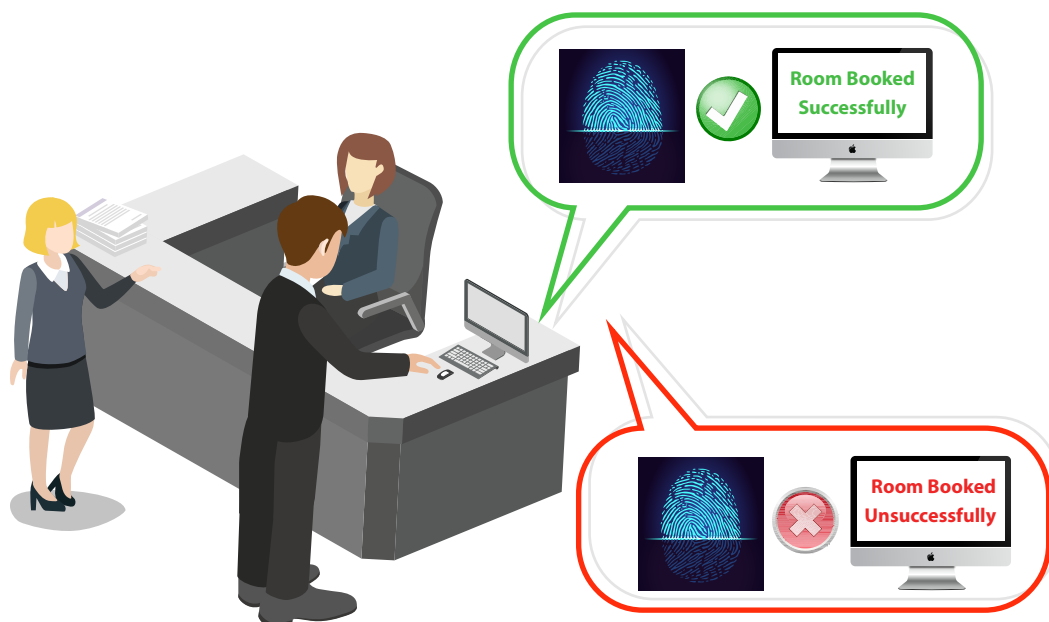
Fully Integrate Third Party IP Camera and NVR

Currently ZKBioSecurity software supports ZKVision, GT/PT Series, Hikvision, Dahua, and ther cameras supporting Onvif protocol and NVR.

Supports ONVIF

ZKTeo's IP camera also supports ONVIF which our product can provide and promotes standardized interfaces for effective interoperability of IP-based physical security products.
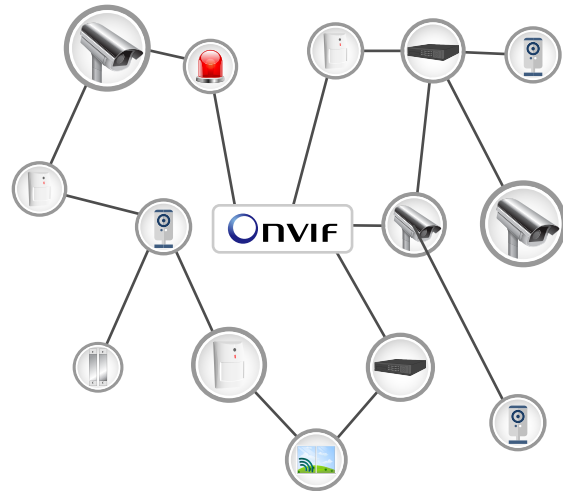
Patrol Guard

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

The systems work by installing the access control at areas around the building to be checked. Security employees use their finger to read these points to record the time visited.
Using the existing access control readers, reducing costs and ensuring patrol tasks.
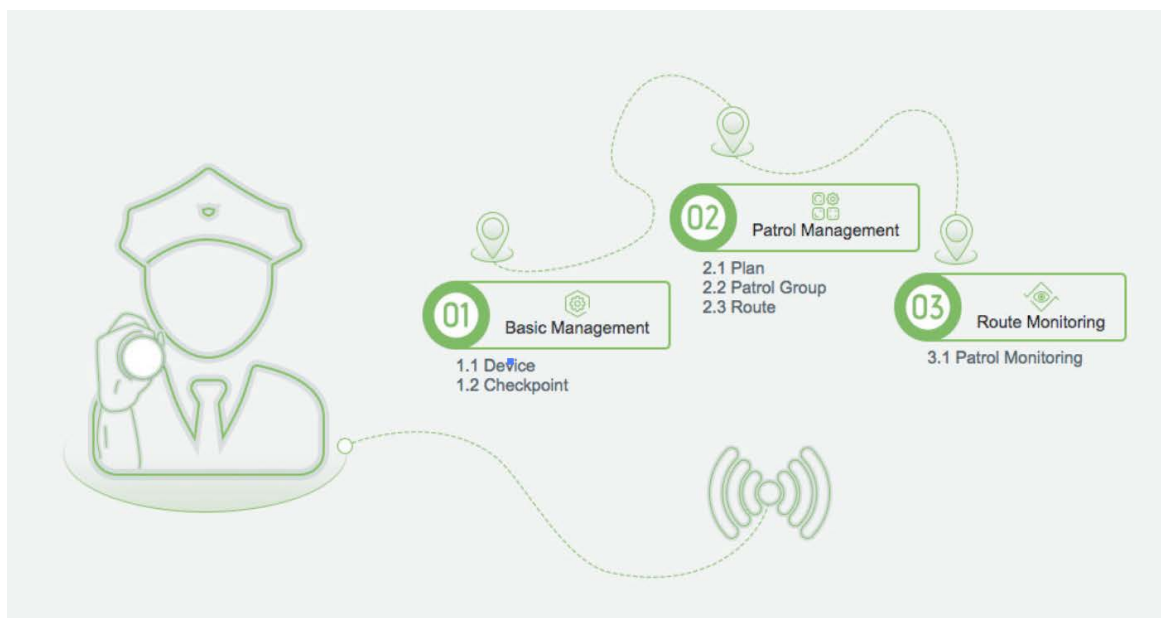
ZKTeco Finger Vein Technologies

The Most Secure Biometric Technology

What is Finger Vein Recognition?

Finger vein recognition is a method of biometric authentication that uses pattern-recognition techniques based on images of human finger vein patterns beneath the skin's surface.

Main Features Of Combining Fingerprint And Finger Vein Technology

1. Since finger veins are covered by skins and invisible to human eyes, there are lower risks of spoof or duplicated vein features, and it is even lower of the combination of fingerprint and finger vein features, which provide higher anti-spoof ability;

2. Suitable for large-scale users: the combination of fingerprint and finger vein verifications can reduce rejection and failure of verification and enables applications with a large number of users;

3. Small Storage Space Required: the template of fingerprint and finger vein is lower than 2Kbyte.
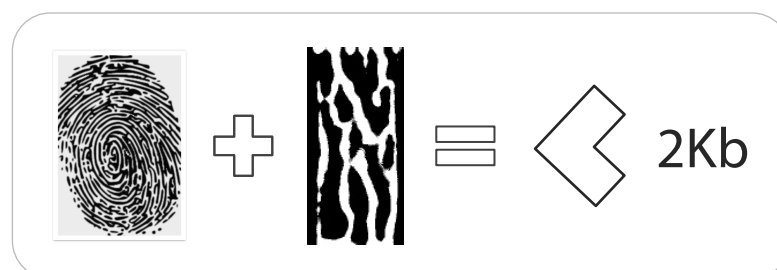
SilkID

FBI Certificated Live Finger Detection

Dry Finger | Wet Finger | Rough Finger
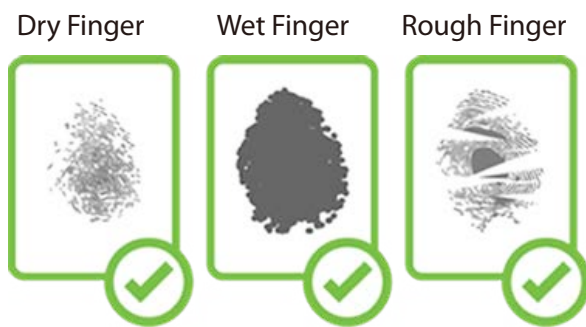
The technology speed and accuracy of SilkID is world-class, it is not only has an outstanding high identification rate towards dry, wet, and rough fingers, but also provides the utmost security with live finger detection, fake fingers are rejected.

ZKTeco SILKID Is Now Certificated by FBI BioSpecs!

SLK20 is listed on FBI certified products list and approbated in 2 categories- Mobile ID and PIV Single Finger Capture Devices respectively.

The products listed are certified by the FBI as tested and in compliance with the FBI's Next Generation Identification (NGI) Image Quality Specifications (IQS). The review of the test data was conducted by the FBI / Criminal Justice Information Services Division / Biometric Services Section, as part of Biometric Center of Excellence. The certification process is not intended to endorse one product over a competitor's product but merely to certify the product meets FBI Image Quality standards.

Certification of Compliance for SILK ID System. INC

One Touch To Access All Areas

All In One Web Based Security Management Solution

Entrance

Elevator

Laboratory

Principle's Room

Office Building

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

Support 3rd Party Video Device

Global Anti-Passback and Linkage

Huge Data Processing Capability

All In One Web Based Security Management Solution
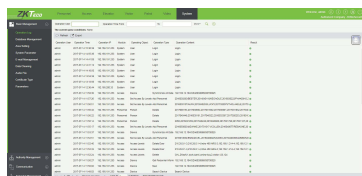
HTTPs Web Security Protocol
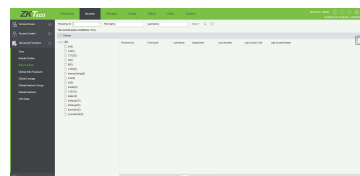
Accurate Check for Innate Location
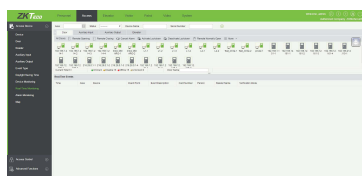
Precise Real Time Monitoring
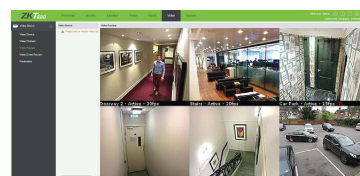
Video Surveillance Module

(Fully Support HIK Vision/ Dahua and ONVIF)
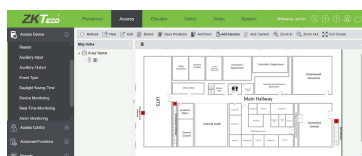
Jail Location E-map

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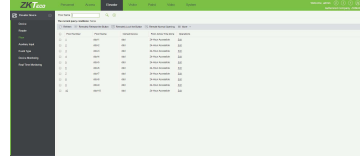
Elevator Control
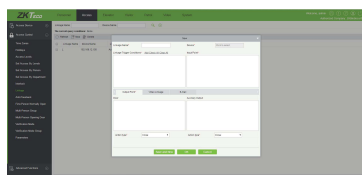
Access Control Linkage With Multi Modules
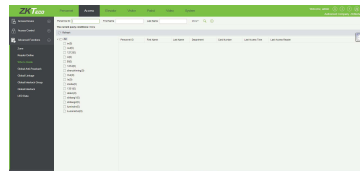
(Video Surveillance, Alarm, Elevator)

Full Functioned Visitor Module

ZKTeco

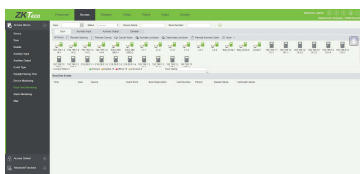## ZKBioSecurity
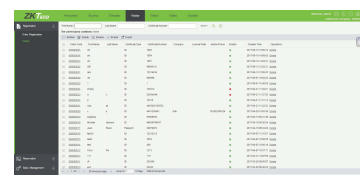
HTTPs Web Security Protocol
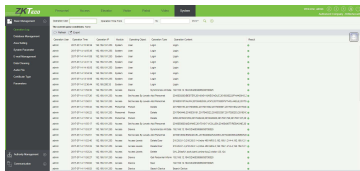
- SSL/ TLS every Encypteel
- Protect for eavesdroppings and man-in-middle attacks

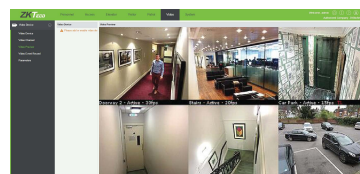### Accurate Check for Innate Location

- 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 determine who is/ are inside the specific area
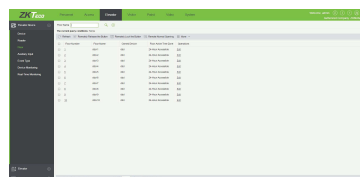
Video Surveillance Module

- Fully Support ZKTeco, HIKVision and Dahua video surveillance
- Support ONVIF
- Interactive with access control and elevator system with various output options
- Up to 30sec pre-event recording function
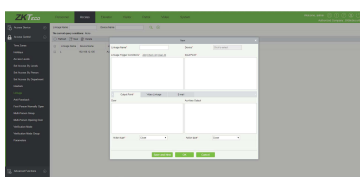
Jail Location E-map (Adjustable)
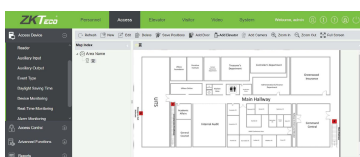
- Support multiple floor location display
- Support device status notification
- Drag and drop layout designing
- Real time monitoring

Elevator Control

- Support up to 50 Floors
- Support multiple access authority setting
- Multiple event type can be defined

Access Control Linkage With Multi Modules

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

Full Functioned Visitor Module
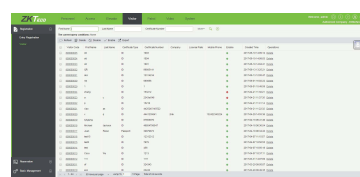
- Online Registration
- Support OCR and USB Camera
- Visitor Time Schedule Setting
- Detail Visitor's Report

The Leader Of
Security And Time Management
Solution

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