

ZKBioSecurity 3.2.0.0_R

What's New

Version Change Info

Previous Version: ZKBioSecurity 3.1.5.0_R

Current Version: ZKBioSecurity 3.2.0.0_R

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1. Key Updates

- ❖ Newly added consumption module provides overall solution for canteen.
- ❖ Supports new models of visible light facial recognition devices in Access Control Module: FaceDepot-7B, SpeedFace-H5, SpeedFace-V5.
- ❖ Supports new models of visible light facial recognition devices in Time and Attendance Module: G4.
- ❖ Supports sending visitor's face pictures to visible light facial recognition devices for face verification in visitor module.
- ❖ Parking module supports offline mode and showing the company name field in the display screen.
- ❖ Added more new features for Active Directory integration.
- ❖ Newly added fingerprint template API interfaces for personnel.
- ❖ Supports registering personnel's face pictures in ZKBioSecurity Mobile Client and sending them to visible light facial recognition devices for face verification.

2. Function Updates Details

2.1 Personnel

1. Added more new features for Active Directory integration.
 - (1) Added custom field configurations when synchronizing data from AD server to ZKBioSecurity. Supports up to 5 custom fields.
 - (2) Added access levels and personnel access levels synchronization from AD server to ZKBioSecurity.
 - (3) Supports two synchronization modes: synchronizing new data or synchronizing all data.

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Personnel +

Card Management +

AD Management -

AD Sync

Domain Node*

Test Connection

Field Configuration

Database Fields	Fields from AD Server
Personnel ID*	Description
First Name	First Name
Last Name	Last Name
Department Name	Department
Mobile Phone	Mobile phone
Email	E-mail

Reset Configuration

Sync Level from AD Server

☐ Synchronization Access Levels

☐ Synchronization Access By Person

Domain Node For Access Level*

Test Connection

Sync Data from AD Server

☐ Polling Interval (min) 30 Immediately Import

☐ Sweep Interval Every 3 Day 0 o'clock Immediately Import

OK

2.2 Access Control

1. Supports new models of visible light facial recognition devices in Access Control Module: FaceDepot-7B, SpeedFace-H5, SpeedFace-V5.



2.3 Time and Attendance

1. Supports new models of visible light facial recognition devices in Time and Attendance Module: G4.



2.4 Consumption

Newly added consumption module. ZKBioSecurity 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. ZKBioSecurity consumption helps staffs to complete their tasks efficiently in line with their operational style and business.

1. ZKBioSecurity 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.



2. 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.

3. 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.

4. 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 ZKBioSecurity'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.

5. 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.

2.5 Visitor Management

1. Supports sending visitor's face pictures to visible light facial recognition devices for face verification in visitor module.
 - (1) Register visitors including face pictures and setting visitor access levels, after that the visitor's face picture will be automatically sent to the face recognition device.

The screenshot shows the 'Entry Registration' window with the following fields and sections:

- Host/Visited ***: Enter the Query Condi (with a search icon)
- Visited Department ***: (Dropdown menu)
- Visit Reason ***: Visit (Dropdown menu)
- Certificate Type ***: ID (Dropdown menu)
- Certificate No. ***: (Text input)
- Entrance ***: server (Dropdown menu)
- First Name ***: (Text input)
- Last Name**: (Text input)
- Gender**: (Dropdown menu)
- Company**: (Text input)
- Mobile Phone**: (Text input)
- License Plate**: (Text input)
- Nationality**: (Dropdown menu)
- Visitor Quantity ***: 1 (Text input)
- Carrying Goods**: (Text input)
- Permission**: (Section header)
- Visitor Level**: (Dropdown menu)
- Start Time**: 2019-02-22 17:55:20 (Text input)
- End Time**: 2019-02-22 23:59:59 (Text input)
- Card Number**: (Text input)
- Capture**: (Section header)
- Captured Photo**: (Live photo of a woman, highlighted with a red border)
- Capture**: (Green button)
- Certificate Photo**: (Image of a driver's license)
- Capture**: (Green button)
- Save and New**: (Green button)
- OK**: (Green button)
- Cancel**: (Green button)

- (2) Visitors can verify face on the face recognition device.



2.6 Parking

1. Supports offline mode, sending fixed vehicle license plate, White-Black list, Valid Time to LPR camera.
2. Supports setting company name field and showing in LED screen.

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Parking Settings

Company Name: [Text Field]

Parking Lot Mode: **One Parking Space with One Car** (Selected)

Parking Space No.: Not Display [Dropdown]

Entrance and Exit Settings

☐ Fixed Vehicle Multiple In and Out

☐ Temporary Vehicle Multiple In and Out

☐ Enable Shift Change Process

Charge Settings

☐ Enable Fixed Vehicle Charges

☐ Print Fee Receipts

☐ Enable the Consumer Discount

Unmatched Processing Mode : ☒ Free ☐ Release after Charging

0 USD Currency Unit* USD

2.7 System

1. Newly added fingerprint template interfaces for personnel.

- (1) Add fingerprint templates according to personnel ID.
- (2) Delete a specific fingerprint template for a person.
- (3) Delete all the fingerprint templates for a person.
- (4) Get all fingerprint templates according to personnel ID.

BioTemplate		Show/Hide	List Operations	Expand Operations
POST	/bioTemplate/add	Add BioTemplate		
DELETE	/bioTemplate/delete/{personId}{templateNo}	Delete BioTemplate By personId And templateNo		
DELETE	/bioTemplate/deleteById/{personId}	deleteById BioTemplate		
GET	/bioTemplate/getFgListById/{personId}	Get BioTemplate List		

2.8 Mobile Client

1. Supports registering personnel's face pictures in ZKBioSecurity Mobile Client and sending them to visible light facial recognition devices for face verification.
- (1) Register personnel's face pictures in ZKBioSecurity Mobile Client and configure the access levels.
- (2) Personnel's face picture will be automatically sent to the face recognition device.

<

Add

✓





First Name

Last Name

Personnel ID*

Gender >

Department* Hotel >

Mobile Phone  

Email Address

Card Number

Password

Access Levels Master >

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