

ZKBioSecurity 3.1.0.0_R

Change Log

January 9, 2018

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1. Version Change

Previous Version: ZKBioSecurity 3.0.5.0_R

Current Version: ZKBioSecurity 3.1.0.0_R

2. Key Updates

- ❖ Newly designed dashboard to enhance the user experience.
- ❖ Newly added Time & Attendance module in this version of software. Customers who need professional Time & Attendance with Access control solution can get the options in ZKBioSecurity.
- ❖ Newly added Parking module gives overall solution for buildings and factories.
- ❖ Improved Import and Export features in the system.
- ❖ Added more new features for Advanced access control module.
- ❖ Optimized system performance, reducing the usage of the memory (nearly 100MB).

3. Update Details

3.1 Platform

1. Redesigned more intelligent dashboard

The new dashboard is mainly divided into three parts, **the first part** shows the total number of personnel, devices and biometric templates in the system; **the second part** shows the total number of events including all events, normal events, exception events, alarm events and dynamic display of real-time monitoring data; **the third part** is the data statistical analysis for access control, time attendance, visitor module. For example, for access control module, you can view the event trends, the top five exception events, statistical results of area monitoring. At the same time, for different modules, users can quickly view the statistics by customizing the layout settings.

The dashboard displays the following information:

- Biometric Data:**
 - With Card: 10 (With Card: 10, Without Card: 0)
 - With Fingerprint: 6 (With Fingerprint: 6, Without Fingerprint: 4)
 - With Password: 0 (With Password: 0, Without Password: 10)
 - With Face: 0 (With Face: 0, Without Face: 10)
- Event Trends:** A line chart showing event counts from Monday to Sunday. The peak is on Friday (circled with a red '3').
- Event Exception TOP 5:**
 - Anti-Passback: 9
 - Operation Interval too Short: 8
 - Unregistered Personnel: 5
- Area Monitor:** Shows 2 areas: Area Name and Person Area.
- Event Log:** A list of recent events with details like IP, Date, Time, and User.

Also, the previous quick operation has been moved to the new menu [My Quick Operation]. You can customize the operations as per your requirements.

The instrument panel includes the following modules:

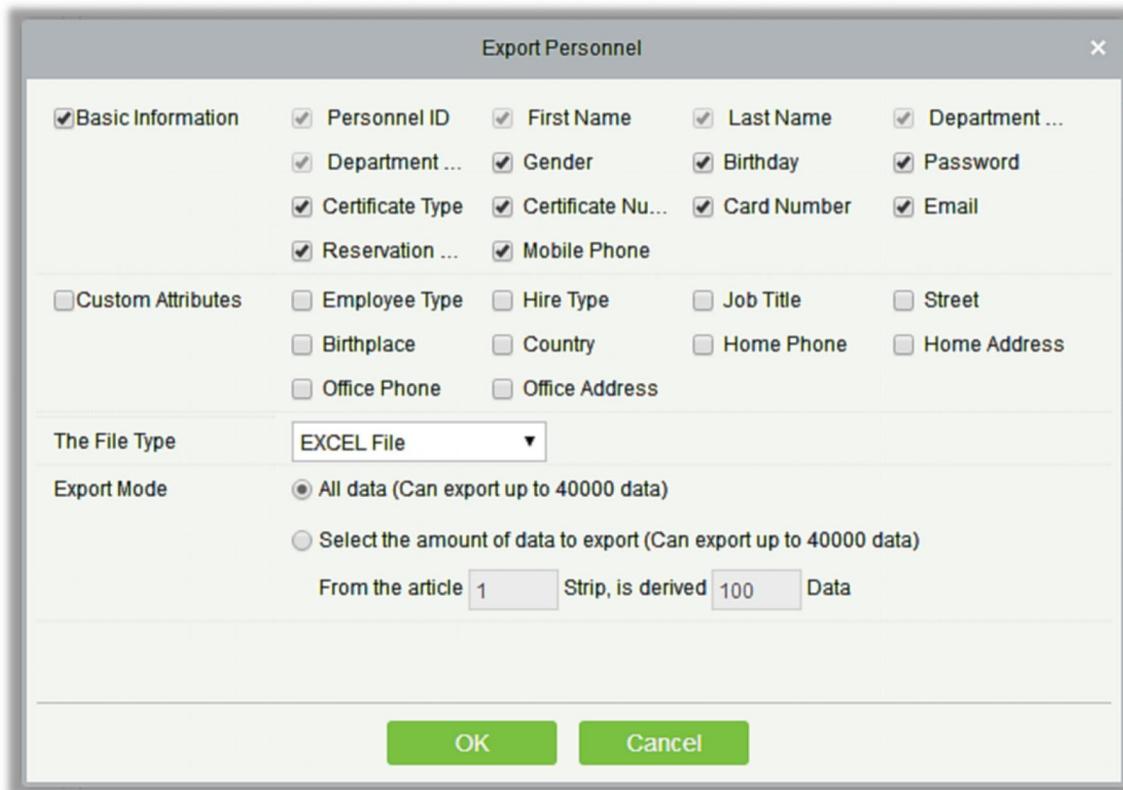
- Personnel:** Add Person, Department, Issued Card Record.
- Access:** Search Device, Device Monitoring, Real-Time Monitoring, Alarm Monitoring, Map, Time Zones, Access Levels, Who Is Inside, All Transactions, Events From Today.
- Attendance:** Area, Device, Personnel Area Setting, Time Zone, Shift, Personnel Schedule.
- Elevator:** Device Monitoring, Real-Time Monitoring, Elevator Levels, All Transactions.

2. The module name in the main menu can now also be displayed in icon style. When there is no enough space to show the text in the menu, the system will show the icon automatically. You can configure to show in icon style only in the [System]→[Parameters] menu.

3. The standard version of the software has limited number of personnel/department/area quantity. Please refer to the new price list to see the limitation.
4. Optimized system performance, reducing the usage of the memory (nearly 100MB).

3.2 Personnel

1. It supports more flexible import/export function of personnel and department. For example, the personnel module includes three types of export, "Export Personnel", "Export Biometric Template" and "Download Personnel Import Template". Now, user can select the required basic information and custom attributes to export.



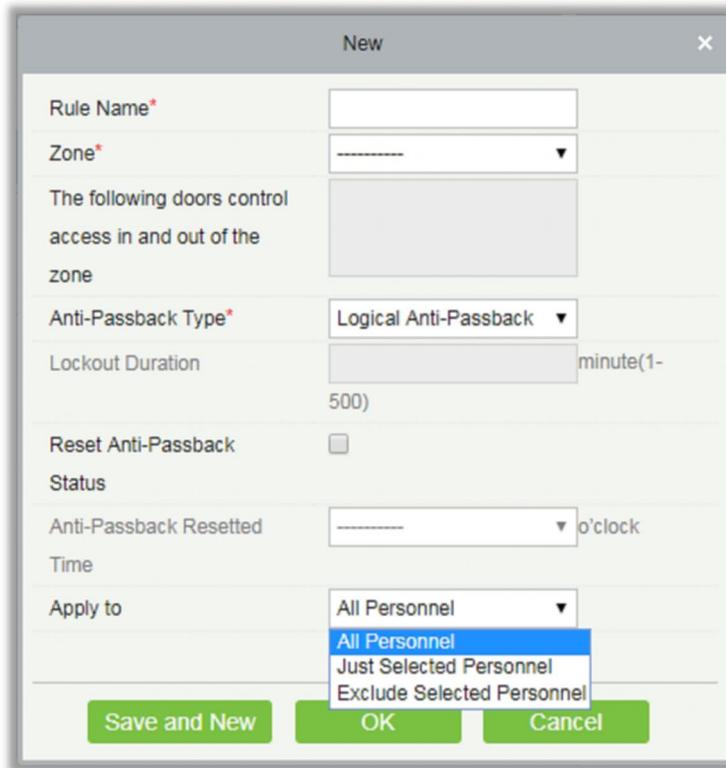
2. Modified a limitation where older version doesn't support configuring duplicate department names. The department with same name must have different parent department.

Department Management						
General		Department Number	Department Name	Parent Department Number	Parent Department	Created Date
<input type="checkbox"/>	5	Marketing Department	3	Development Department	2017-09-05 13:51:19	Edit Delete
<input type="checkbox"/>	1	General			2017-09-02 13:54:06	Edit Delete
<input type="checkbox"/>	hotel	Hotel			2017-09-02 13:54:09	Edit Delete
<input type="checkbox"/>	4	Financial Department	1	General	2017-09-02 13:54:06	Edit Delete
<input type="checkbox"/>	2	Marketing Department	1	General	2017-09-02 13:54:06	Edit Delete
<input type="checkbox"/>	3	Development Department	1	General	2017-09-02 13:54:06	Edit Delete

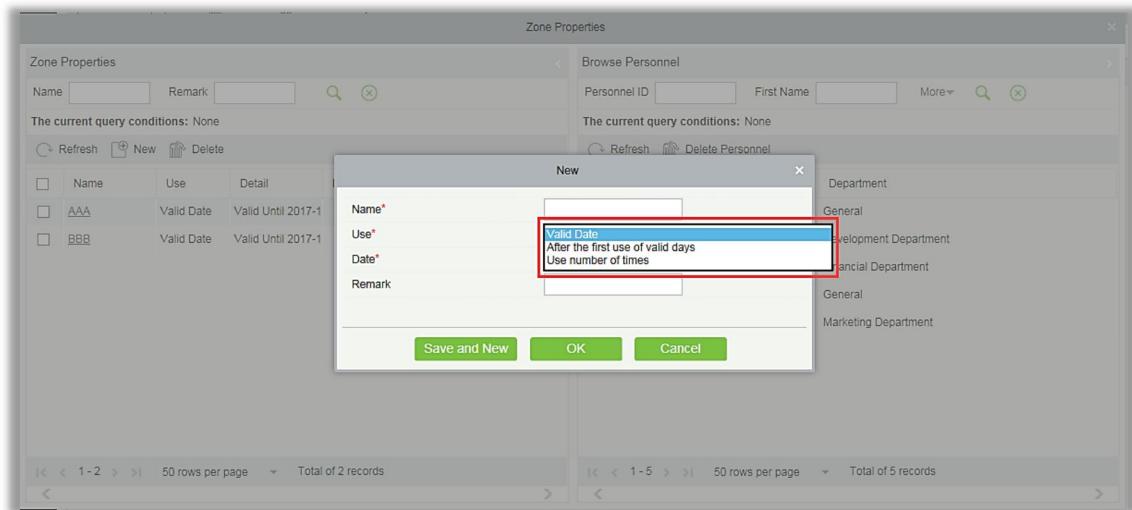
3.3 Access Control

Added more Advanced Access control features. Users can customize the global Anti-Passback rules for different people, and also support setting “person availability” to define the valid dates and times for different people, which is very useful especially when used together with the turnstiles/barriers. Users can also export the [Who is inside] report from this version.

1. Global Anti-Passback now support setting rule applicability by personnel. User can select apply to “All Personnel”, “Just Selected Personnel”, and “Exclude Selected Personnel”.



2. Added person availability feature. There are three modes to set up; Valid Data, After the first use of valid days, and Use number of times.



3. Supports exporting [Who is inside] report in EXCEL, PDF, CSV format, including area name, number of personnel, personnel information in area.

The screenshot shows the ZKTeco software interface. On the left, there is a sidebar with various menu items: Access Device, Access Control, Advanced Functions (Zone, Reader Define, Who Is Inside, Global Anti-Passback, Global Linkage, Global Interlock Group, Global Interlock, Person Availability, LED Data), and a search bar for Personnel ID, First Name, and Last Name. The main area displays a table of personnel data with columns: Personnel ID, First Name, Last Name, Department, Card Number, Last Access Time, and Last Access Reader. The table contains 10 rows of data. At the bottom of the table, there are buttons for Refresh, Delete Personnel, and Export, with the Export button being highlighted with a red box.

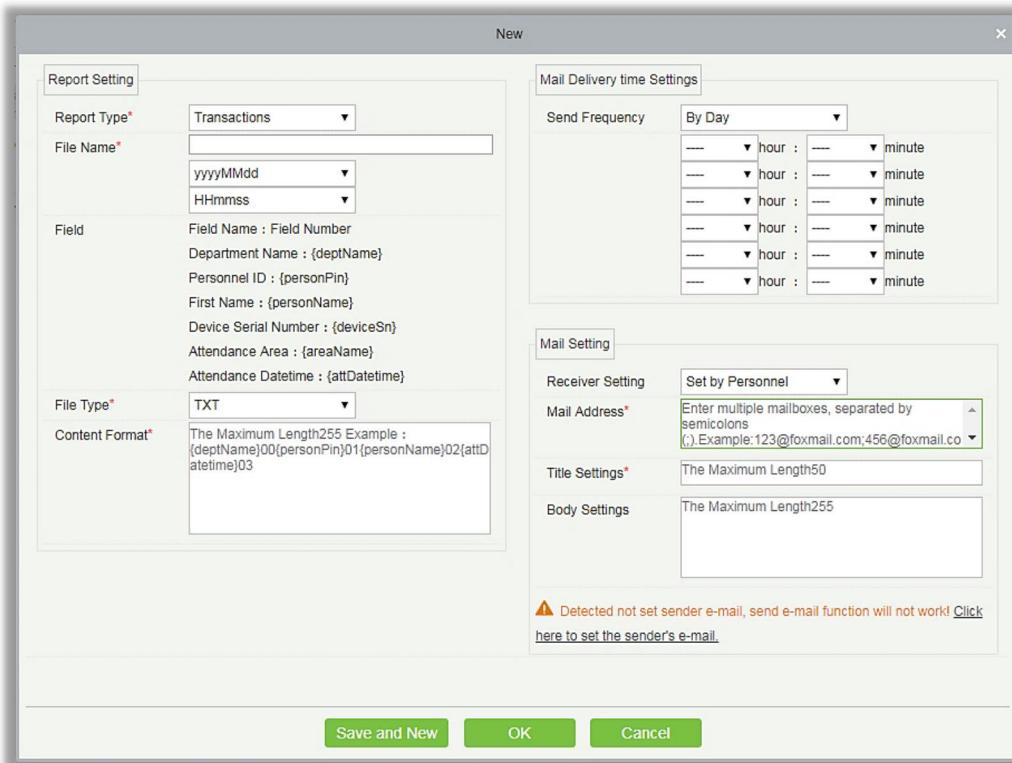
ZKTECO Total People 10						
Personnel ID	First Name	Last Name	Department	Card Number	Last Access Time	Last Access Reader
1	Jerry	Wang	General	4461253	2017-12-18 09:29:31	192.168.218.60-2-In
2	Lucky	Tan	Development Department	6155266	2017-12-18 09:27:12	192.168.218.60-1-In
2940	Sherry	Yang	Hotel	1411237	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 15:15:07	192.168.218.60-2-In
9	Lilian	Mei	Development Department	9505930	2017-12-18 15:15:04	192.168.218.60-1-In

3.4 Time & Attendance

Added Time & Attendance module. The new version of the software has integrated T&A module with the other modules like Access Control or Elevator Control etc. So, the user who wants the privilege to use T&A with other modules also, then they can use this software. We provide this more powerful overall solution to avoid using two or more separate software for end user. This module can support time attendance device like G1/G2/G3.

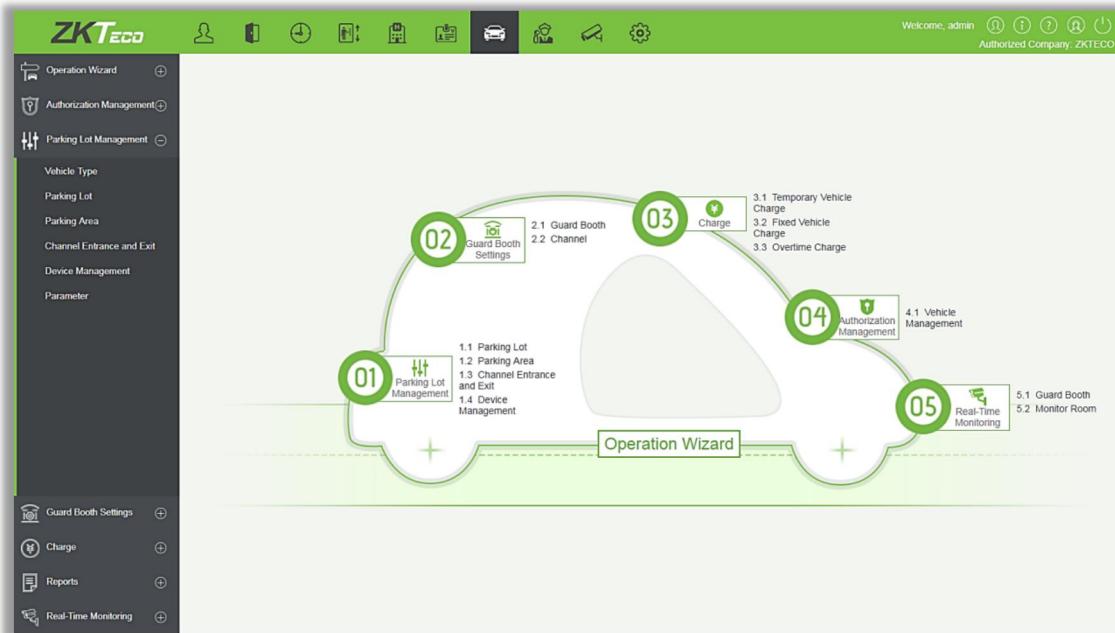
1. Supports the attendance point set up feature. Access control module and parking module can be chosen here as the attendance point, and their records will be used for the original T&A calculation. **This new feature is controlled only when the software is licensed.**

2. Supports automatic report feature, which allows you to customize attendance reports and send them to designated areas or departments on a regular basis.



3.5 Parking

1. Added Parking module. The Parking module supports two modes, license plate recognition and using access control as parking control. Users can effectively manage the vehicle's entry and exit using the LPR Camera or UHF or BT readers. Software provides the powerful parking charging modes and real-time monitoring of customers. Supports ZKTeco LPRC100 camera, which can be used in Thailand/Argentina/Mexico currently. We will update the list of supported countries in the future. In addition, UHF and Bluetooth reader together with the InBio Pro panels is also supported for the parking application in all countries.



The screenshot shows a table of device management. The table has columns for Device Name, Device Type, Owned Device, Door Name, Enable, Remark, and Operations. The 'Device Name' column is highlighted with a red box.

Device Name	Device Type	Owned Device	Door Name	Enable	Remark	Operations
Test1	Access Control Device	192.168.218.60	192.168.218.60-1	●		Edit Delete
Test2	Access Control Device	192.168.218.60	192.168.218.60-2	●		Edit Delete
Test3	Access Control Device	192.168.218.60	192.168.218.60-4	●		Edit Delete
Test4	Access Control Device	192.168.218.60	192.168.218.60-3	●		Edit Delete

3.6 Visitor Management

1. Updated OCR Features now supports more Countries. Chile supports fully for ID card. Following countries are in possibility list: UAE/Mexico/Argentina/Spain/Peru/UK, for passport support all countries.

*We have already finished more visitor management features which have included it in another individual package. The new features include the signature pad/SMS/Watch list etc. If you need these features, please contact our sales people. We will release this package in the future version.

3.7 Hotel Management

Added OCR and ID Reader feature. Software supports using OCR or ID reader to recognize the guest's information in Hotel Module. By using these two features, we can obtain information from the ID card or passport and auto-fill to the personnel column. **This new feature is controlled only when the software is licensed.**

