

# ZKBioSecurity

## V5000 4.1.0

### All-in-One Biometric Security Advanced Solutions































Based on the hybrid biometric technology and computer vision technology, ZKBioSecurity V5000 provides a comprehensive web-based security platform. It contains multiple integrated modules: personnel, time & attendance, access control, visitor management, offline & online consumption management, guard patrol, parking, elevator control, entrance control, Facekiosk, intelligent video management, mask and temperature detection module, and other smart sub-systems.

The platform adopts a micro-service development framework with robust system performance characteristics, high availability, scalable modules, fully secure communication, and strong third-party integration scalability.

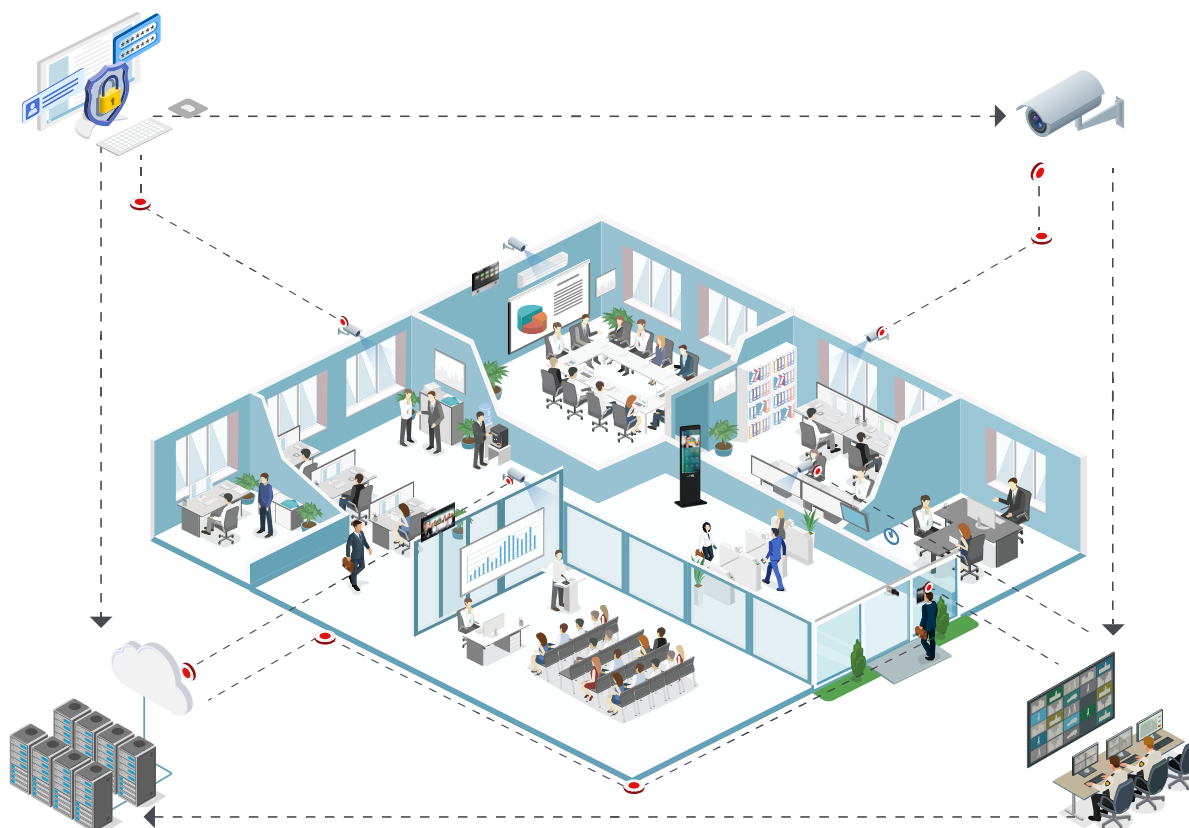
Utilizing our long-term accumulated experience and customers' needs in the field of entrance and exit control, we have fully integrated video surveillance and intelligent analysis applications into the system, creating a large-scale and system-wide security management platform as an effective security guarantee for business and human lives.

### Features

|                                                                                                                           |                                                                                                                                 |                                                                                                                                |                                                                                                                                |
|---------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|
|  18 Languages Available                 |  Powerful Third-Party Integration Capability |  Consumption Management (Online & Offline)  |  Entrance Terminal Management             |
|  Self-Service Visitor Mngement          |  Video Intercom                              |  QR Code Credential                         |  Mask & Temperature Detection Supported   |
|  SMS Notifications                      |  Personnel Trace Track                       |  Visible Light Facial Recognition           |  Smooth and Advanced Visitor Management   |
|  Intelligent Video Linkage              |  FaceKiosk Management                        |  Face Intellect-Unconscious Access Solution |  Flexible Elevator Control                |
|  Email Notifications                    |  High Security Data Transmission             |  Time & Attendance                          |  Global Anti-Passback and Linkage         |
|  LPR Camera for Parking                 |  Micro-Service Architecture                  |  Mobile APP                                 |  OCR                                      |
|  All-In-One Biometric Security Solution |  Web-Based Platform                          |  Professional Video Management System       |  Extra Large Management Capacity of Doors |

## Key Updates

- Integration of SMS services into the Visitor module
- Newly supports the Turkey language; 18 languages available in total
- Supports visitor management in batch, such as invitations, check-ins, check-outs, card issuing
- New inBio Pro controller firmware for reading dynamic QR Codes with the QR50 reader
- Menu layout optimization
- Overwrite installation of the new version
- Integration of Call the Roll function; users may check the T&A status in real-time
- Integration with LPRC300, the new generation of our LPR cameras, providing upgraded license plate recognition performance



## Key Features

- The visitor module could send SMS notifications to visitors, administrators, or hosts whenever there is new visitor reservation, check-in, check-out, expiration, and so on
- To increase the efficiency of visitor management, especially for the visitor group, the software allows the user to manage visitors in batches, such as invitations, check-ins, check-outs and so on
- Official release of new inBio Pro firmware to read dynamic QR Codes through the QR50 reader
- inBio Pro controllers now fully support Data Transmission Encryption
- With the 3MP camera and embedded deep learning LPR algorithm, LPRC300, the new generation of LPR cameras, provides better license plate recognition performance, which is widely adaptable to Parking and Access Control
- LPRC300 supports the ONVIF Protocol now and provide access to NVR for IPC functionality
- Users may check whether the employee comes to work and verify their working status
- With the addition of the option to set the Secure Password Authentication Interval, the user will no longer be required to repeat the secure password input while performing operations during the interval time
- The previous versions of ZKBioSecurity V5000 (V5000 2.0.0, 3.0.0, 3.1.0, 4.0.0, 4.0.1) could be upgraded to the latest version (V5000 4.1.0) by overwriting the existing installation
- The new version supports the Turkish language. Users could choose between 18 different languages

## Software Specifications

|                    |                                                        |
|--------------------|--------------------------------------------------------|
| Current Version    | V5000 4.1.0                                            |
| Door Capacity      | 2,000                                                  |
| User Capacity      | 30,000                                                 |
| Supported OS       | Windows 7/ 8/ 8.1/ 10 server 2008/ 2012/ 2016/ 2019    |
| Database           | PostgreSQL (Default), MS SQL Server, Oracle (Optional) |
| Suggested Browsers | IE 11+/- Firefox 27+/- Chrome 33+                      |

### \* Minimum PC Requirements without VMS function

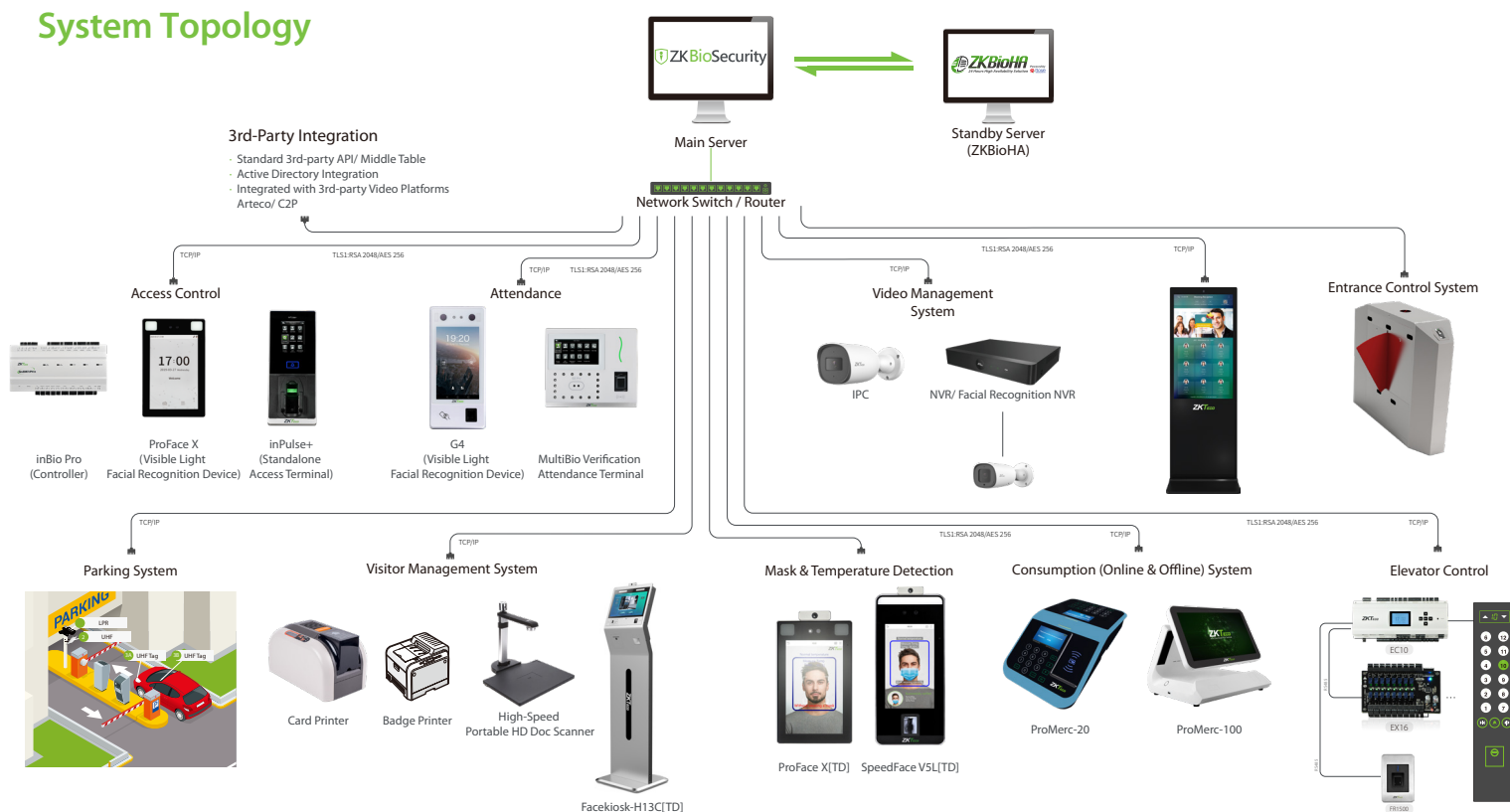
|                    |                                                     |
|--------------------|-----------------------------------------------------|
| CPU                | Dual core processor with speeds of 2.4GHz or faster |
| Memory             | 4GB or above                                        |
| Storage            | 30GB free space or larger (NFTS recommended)        |
| Monitor Resolution | 1024*768 or above                                   |

### \* Minimum PC Requirements with VMS function

|                    |                                               |
|--------------------|-----------------------------------------------|
| CPU                | Intel(R) Core (TM) i5 6500 @ 2.6GHz or faster |
| Memory             | 8GB or above                                  |
| Storage            | 100GB free space or larger (NFTS recommended) |
| Monitor Resolution | 1024*768 or above                             |

\* Please refer to the server configuration suggestion file according to your requirements.

## System Topology



## ZKBioSecurity Mobile Client

