

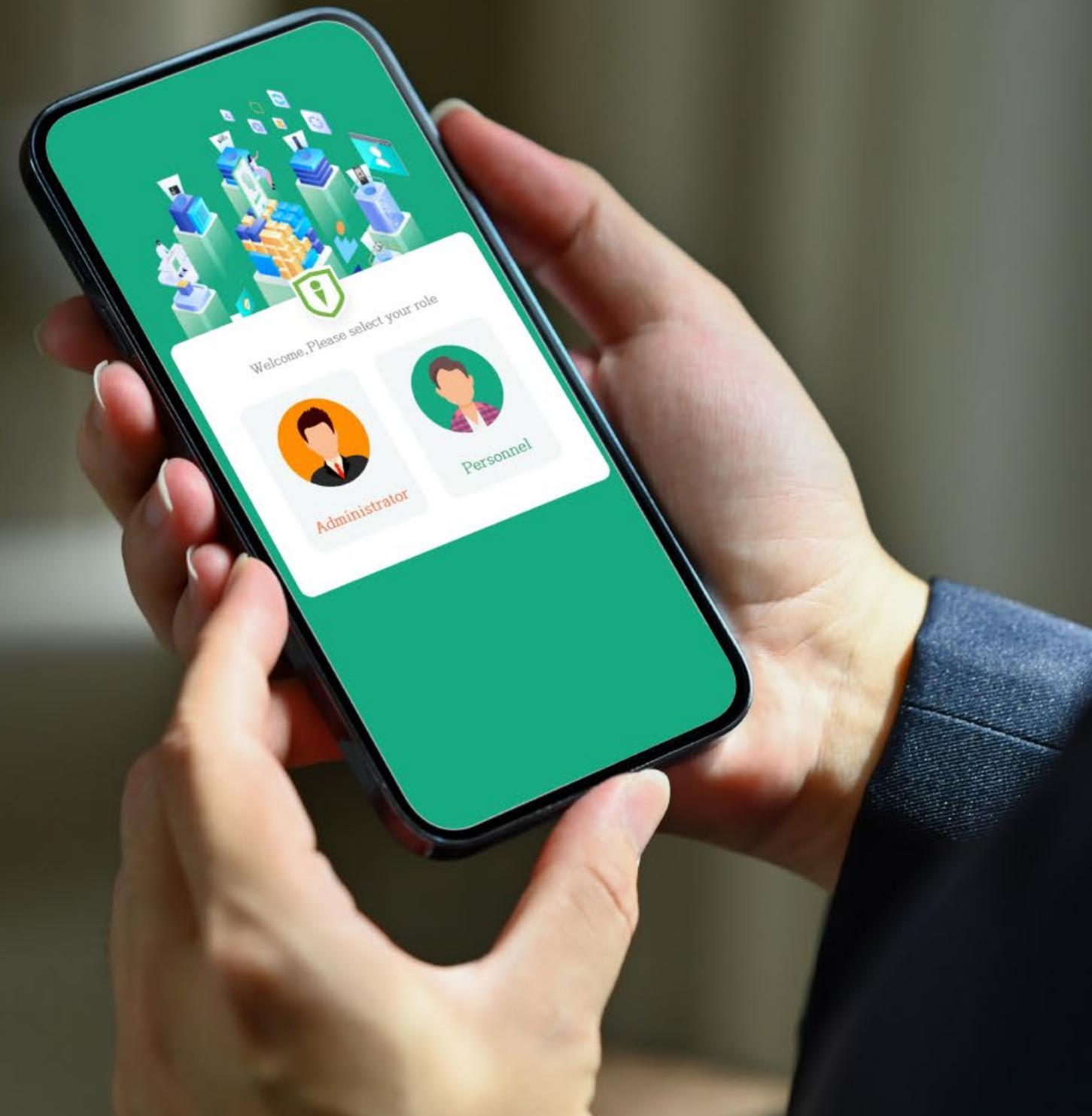
# **ZKBio Zexus**

## **Introducing to ZKBio Zexus**

An Integrated Security Management Solution

 **ZKBio CVSecurity**

 **ZKBio CVAcces**



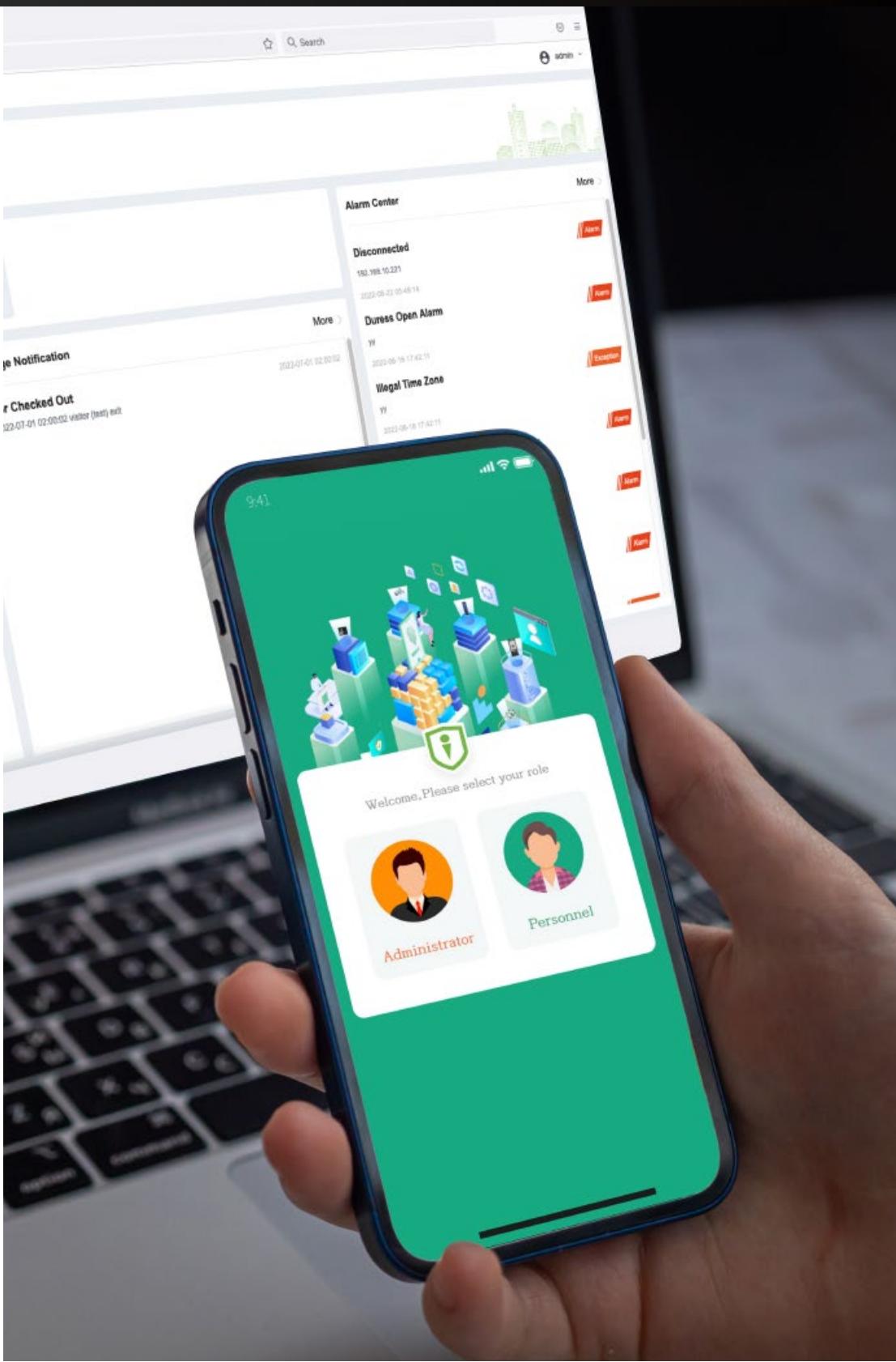
## Introducing to ZKBio Zexus

ZKBio Zexus is a highly integrated security management application capable of managing two key security system applications simultaneously, namely 'ZKBio CVSecurity' and 'ZKBio CVAccess'. This allows users to manage both systems within a single interface, significantly enhancing operational convenience and work efficiency. Each of these applications is responsible for different security management functions and is divided into two permission levels: Administrator and Personnel.

Zexus is a combination of 'ZKBio CVSecurity' and 'ZKBio CVAccess', integrating both applications for enhanced security management



ZKBio Zexus is a powerful tool designed specifically for enterprise-level security management. By integrating the two major applications, "ZKBio CVSecurity" and "ZKBio CVAccess," it provides enterprises with a flexible and efficient solution for security monitoring and access control. It is particularly suitable for daily security management in businesses, helping enterprises effectively address various security challenges and significantly improve operational efficiency. The integrated management advantages of ZKBio Zexus allow enterprises to achieve more efficient security management and operations with fewer resources.





### Advantages of ZKBio Zexus Integrated Management:

- Simplified Operation Process:

With ZKBio Zexus, enterprise users only need a single set of "ZKBio CVSecurity" or "ZKBio CVAccess" username and password to control both systems through a single application. This integrated management approach greatly reduces the time spent switching between different applications and the complexity of operations, improving operational efficiency.

- Unified Management Platform:

ZKBio Zexus provides a unified management platform that promotes collaboration across devices and scenarios. Whether it is security monitoring or access control visual intercom management, ZKBio Zexus can integrate these operations into a single interface, simplifying the system management process and reducing the management burden.

- Enhancing Overall Security:

Through integrated management, ZKBio Zexus not only simplifies operations but also enhances overall security. Enterprises can more effectively monitor and respond to security events, ensuring the safety of personnel and assets.

One app controls all functions of  
'ZKBio CVSecurity' and 'ZKBio CVAccess'



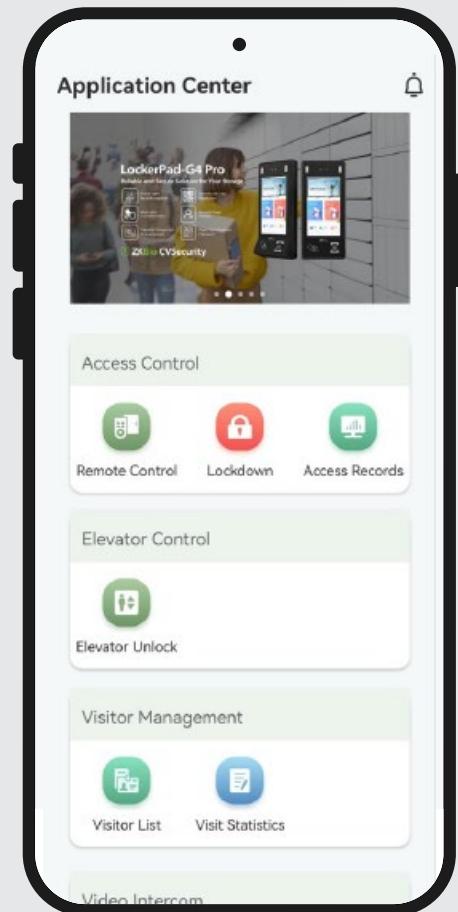
Control All Functions

	ZKBio CVAccess	ZKBio CVSecurity	
Administrator & Personnel	Elevator Unlock	✗	✓
	Video Intercom (SIP)	✓	✓
Administrator	Remote Lockdown	✓	✓
	Remote Control	✓	✓
	Access Statistics Report	✓	✓
	Personnel Registration	✓	✓
	Visitor Registration	✗	✓
	Visitor Status Statistics	✗	✓
	Visitor Statistics	✗	✓
Personnel	My Credentials (QR)	✓	✓
	Visitor Invitation	✗	✓
	Book Space	✗	✓
	My Activities	✗	✓
	Space Services	✗	✓

 **ZKBio CVSecurity**

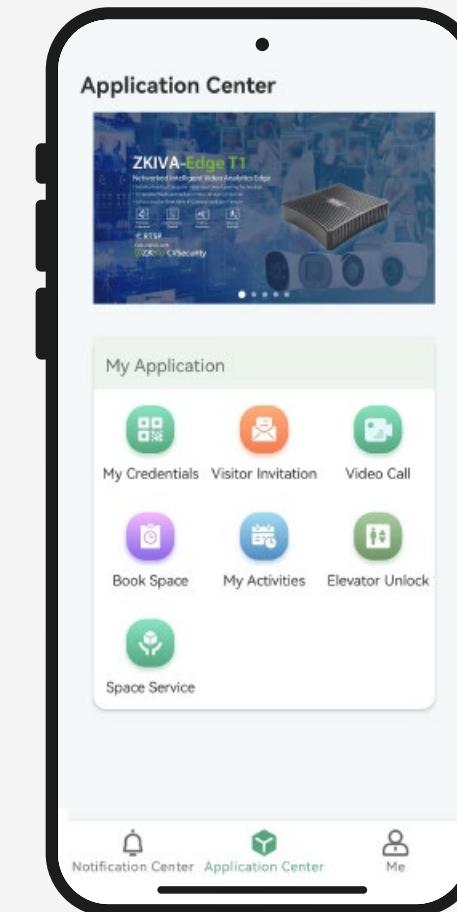
## Features

### - Administrator:

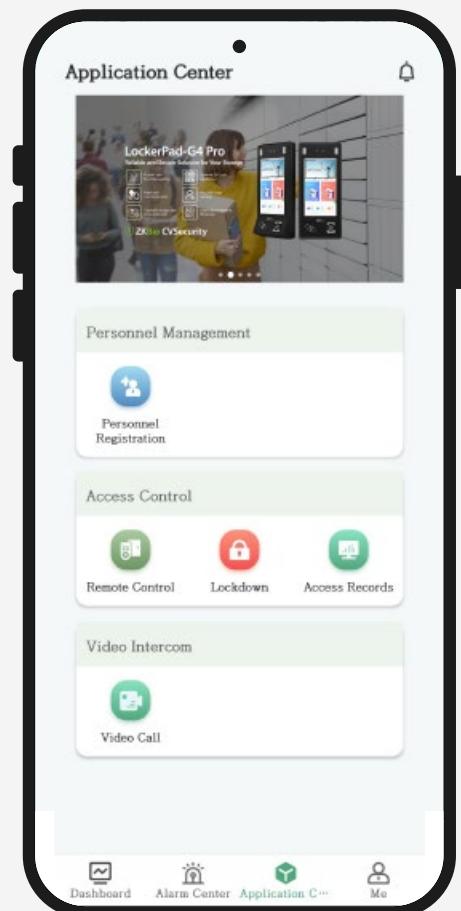


- Remote Personnel Management:  
Administrators can register personnel and assign permissions remotely, enhancing efficiency.
- Emergency Response Features:  
Includes remote unlocking, alarm cancellation, and personnel tracking for safety.
- Visitor Management:  
Manage visitor registration, lists, and statistics to control flow effectively.
- Elevator Control:  
Remote unlocking of elevators and floor button permissions to aid personnel movement.
- Real-time Intercom:  
Enables instant communication between administrators and devices/app terminals.
- Resource Monitoring: Monitor personnel, equipment, and visitor status in real time for efficient alarm handling.

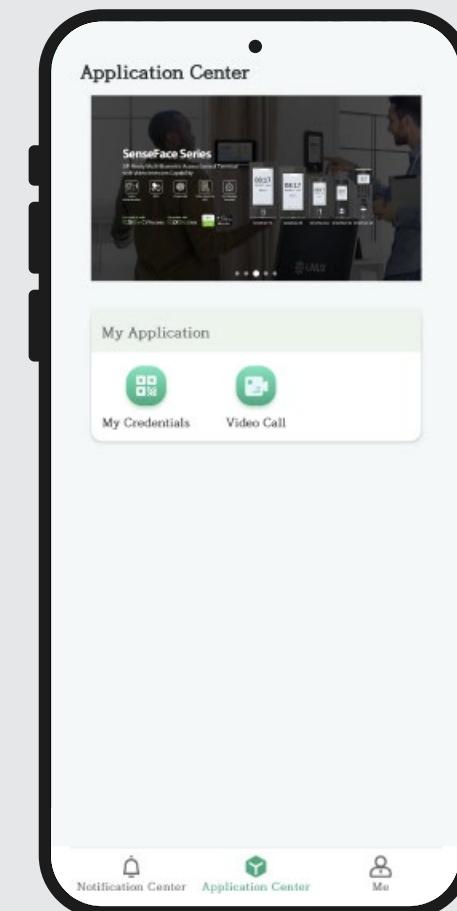
### - Personnel:



- Mobile as a Credential:  
Employees can use the QR Code on their phones as a credential for entry and exit, enabling contactless access.
- Visitor Invitation:  
Employees can invite visitors at any time, increasing the flexibility of visitor management.
- Visitor Communication and Identity Verification:  
Visitors can call employees through devices to their app, allowing face-to-face communication and identity verification to unlock access control or elevators, enhancing security.
- Visual Intercom Assistance:  
Employees can use the visual intercom to contact the management office for assistance, making it quick and convenient.
- Meeting Room Reservation and Management:  
Employees can reserve meeting rooms or lounges, view activity schedules in real time, and cancel or end meetings early, improving meeting efficiency.

 **ZKBio CVAccess****Features****- Administrator:**

- Remote Personnel Registration and Permissions:  
Administrators can remotely register personnel and assign entry/exit permissions, improving management efficiency.
- Remote Control and Emergency Response:  
Features include remote unlocking, alarm cancellation, emergency lockdown, and tracking personnel entry/exit records to ensure safety.
- Real-time Intercom Function:  
Administrators can communicate in real time with devices or app terminals, improving communication efficiency.
- Real-time Resource Monitoring:  
View company resources in real time, including personnel and equipment status, as well as device status or alarms, to efficiently handle alarms.

**- Personnel:**

- Mobile as a Credential:  
Employees can use the QR Code on their phones as a credential for entry and exit, enabling contactless access.
- Visitor Communication and Identity Verification:  
Visitors can call employees through devices to their app, allowing face-to-face communication and identity verification to unlock access control, enhancing security.
- Visual Intercom Assistance:  
Employees can use the visual intercom directory to contact the management office for assistance, making it quick and convenient.



An Integrated Security Management Solution

Administrator + Personnel

Administrator & Personnel	<a href="#">Video Intercom (SIP)</a> <a href="#">Elevator Unlock</a> <a href="#">Remote Lockdown</a> <a href="#">Remote Control</a> <a href="#">Access Statistics Report</a> <a href="#">Personnel Registration</a> <a href="#">Visitor Registration</a> <a href="#">Visitor Status Statistics</a> <a href="#">Visitor Statistics</a>
Administrator	<a href="#">My Credentials (QR)</a> <a href="#">Visitor Invitation</a>
Personnel	<a href="#">Book Space</a> <a href="#">My Activities</a> <a href="#">Space Services</a>



## Video Intercom

Supports mutual calls between the app and devices, PC clients, and other apps. Users can utilize the SIP protocol for two-way audio and video communication, enabling direct calls between access terminals and mobile apps. This allows remote granting or denial of access while ensuring secure communication.

## View of call records

Users can view all call and missed call records, allowing residents to review previous visitor interactions. Each visitor call logs key details like time and duration, enhancing the security and accountability of the system.

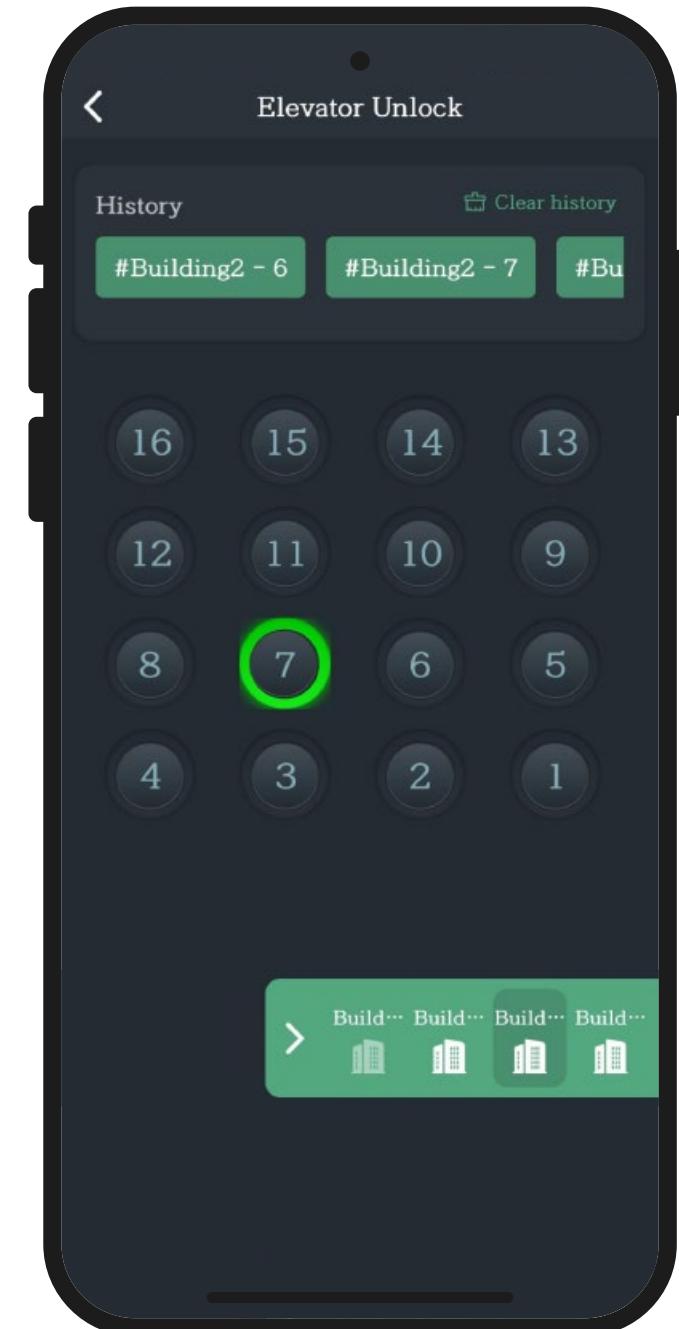
## Video Intercom Contact List:

The Video Intercom Contact List acts as a convenient directory for users, enabling easy access and management of contacts for video communication. This feature allows residents to quickly connect with friends, or colleagues by selecting a name, streamlining the call initiation process.

## Standard SIP Protocol

SIP (Session Initiation Protocol) is a robust protocol designed for managing multimedia communication sessions, making it well-suited for contemporary communication requirements.

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## Elevator Unlock

This feature provides a seamless and secure way for visitors to access the correct floor without the need for the resident to be physically present. It enhances both convenience and security, ensuring smooth guest visits while maintaining control over building access.

For instance, if a visitor is arriving to meet the resident of unit 701, the resident can remotely unlock the 7th-floor elevator button, allowing the visitor to reach the designated floor without needing assistance. This function not only streamlines the process of welcoming guests but also provides an extra layer of safety by allowing residents to manage access remotely.

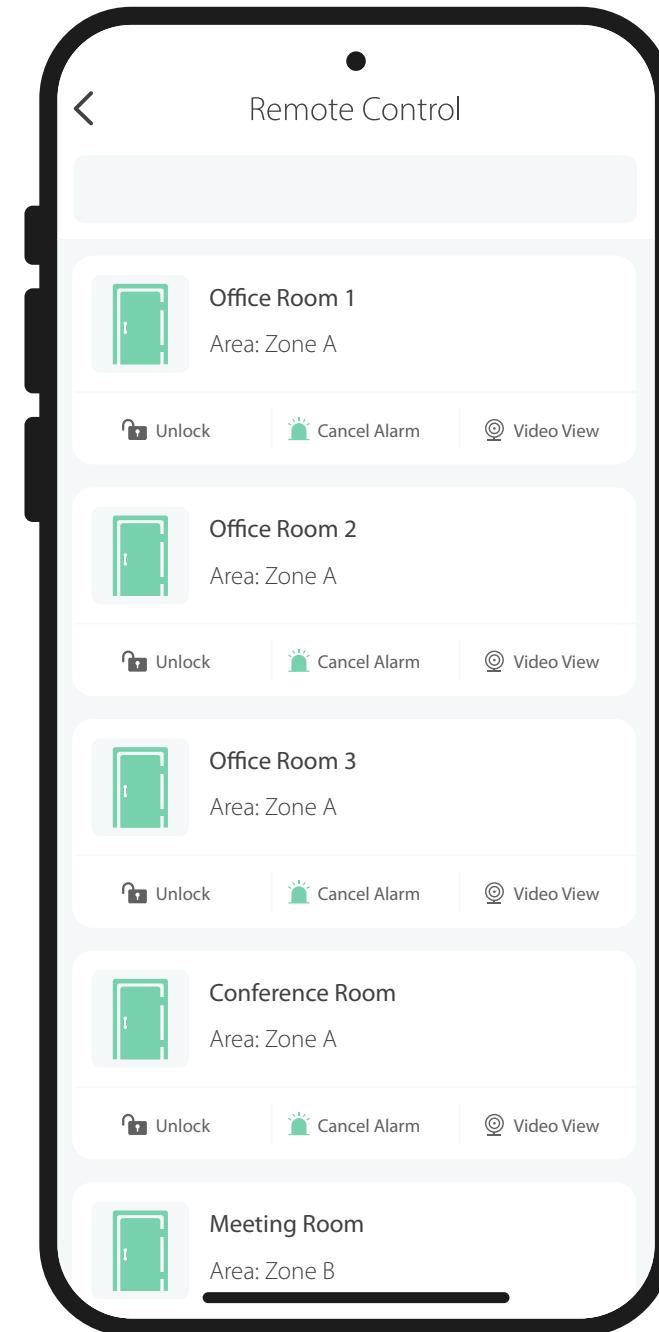




An Integrated Security Management Solution

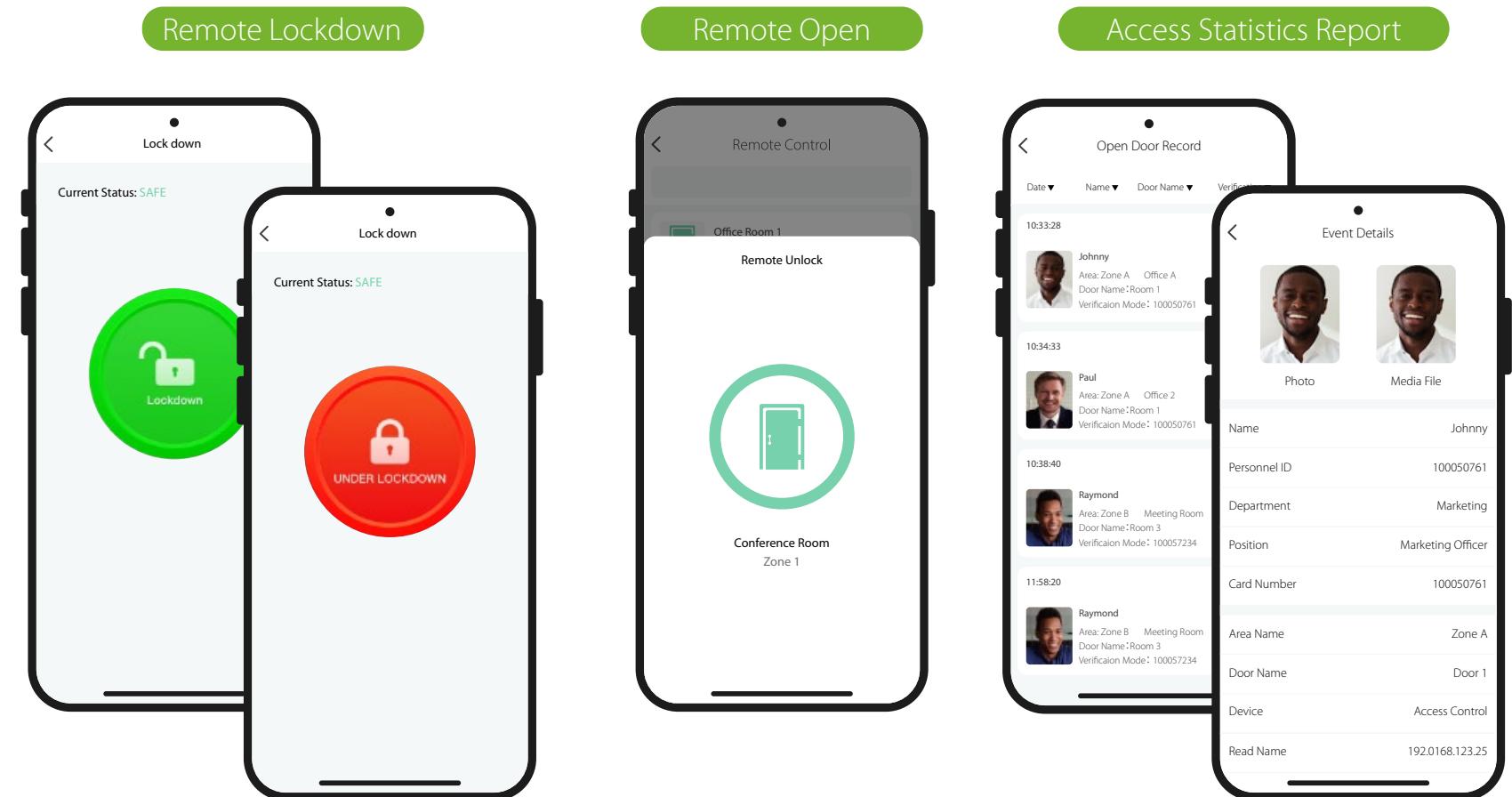
Administrator

Administrator & Personnel	Video Intercom (SIP)
	Elevator Unlock
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## Remote Open and Remote Lockdown and Remote Cancel Alarm

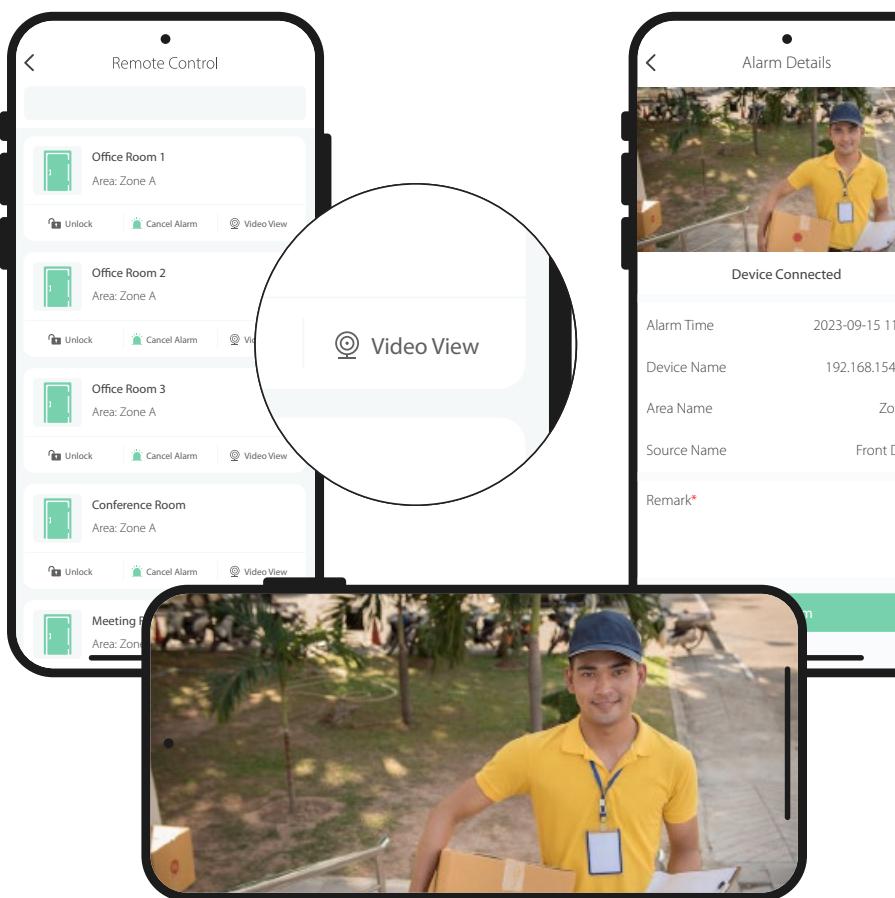
When the administrator user uses this mobile app, they can remotely open or lock down the door via an Internet connection, ensuring quick and efficient access control. All remote opening and lockdown functions operate in real-time, providing immediate feedback on the status of the door. In addition to these capabilities, the user can also view comprehensive operation logs, allowing them to track all activities related to door access and security. This feature enhances oversight and helps maintain a secure environment.



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	Elevator Unlock
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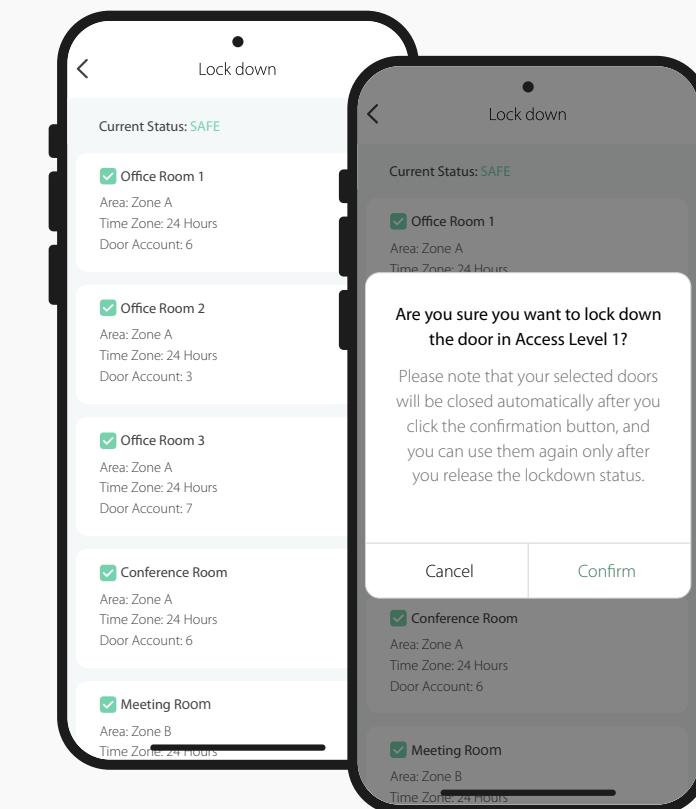
## Real-Time Monitoring of Entry and Exit Points

It provides an additional function for administrators, enabling real-time monitoring in the control room. This allows you to check video images for entrance and exit information at all doors



## Remote Lock-Down

ZKTeco offers an emergency contingency mechanism. Administrators can preconfigure emergency response groups. When abnormal situations arise, administrators can select the corresponding response group and, with a single click, lock down the doors within that response plan.



Administrators can remotely open/close and/or lock down all, selective doors or group of door on the system. When the “Active Lockdown” command is activated, all doors will be locked at the same time

<b>Administrator</b> <hr/> <b>Administrator</b> <hr/> <b>Personnel</b>	Video Intercom (SIP)	
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Space Services		

## Personnel Registration

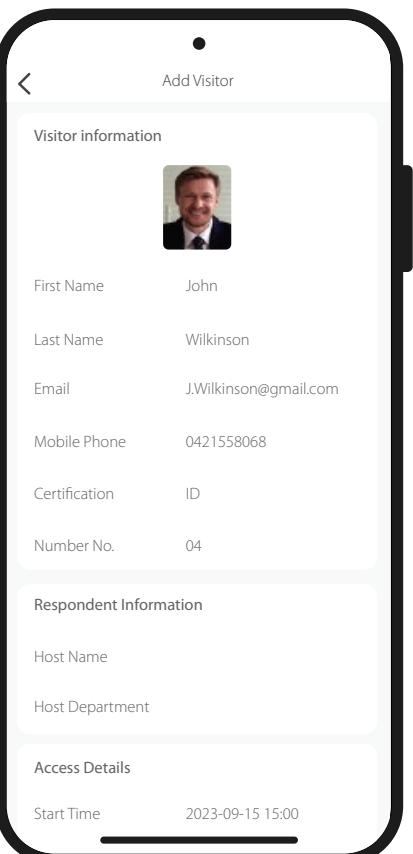
Register employees and assign them specific access control permissions to ensure secure entry to facilities. Additionally, you have the option to enable app login for employees. Once this feature is activated, employees can log into the app to upload their own photos, which will be utilized for facial recognition access control. This not only streamlines the registration process but also enhances security by allowing for personalized and efficient access management.



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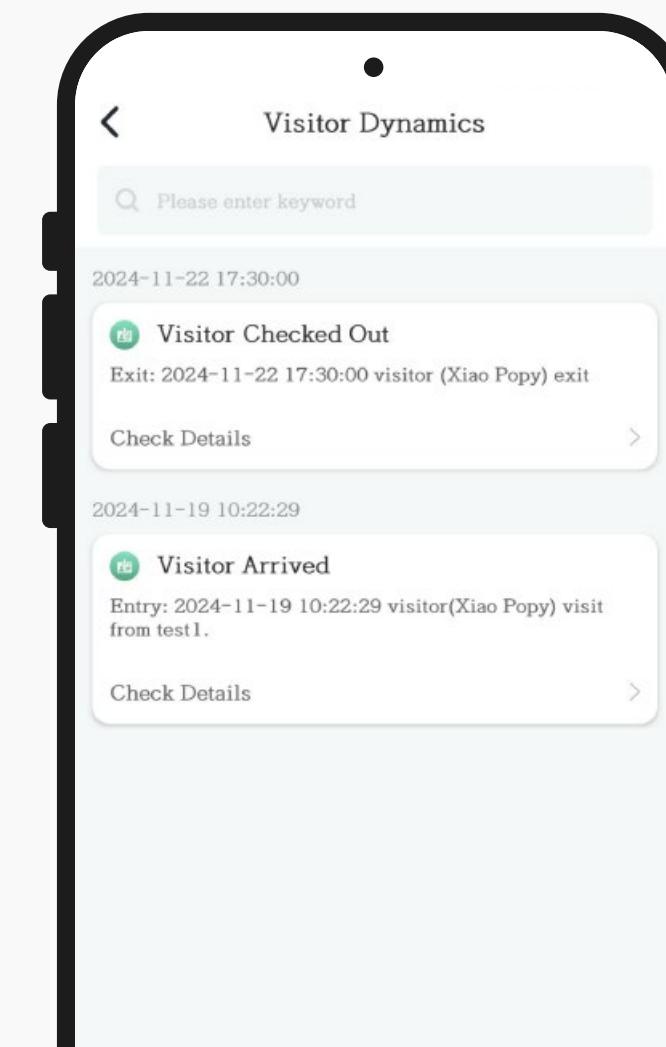
## Online Visitor Registration

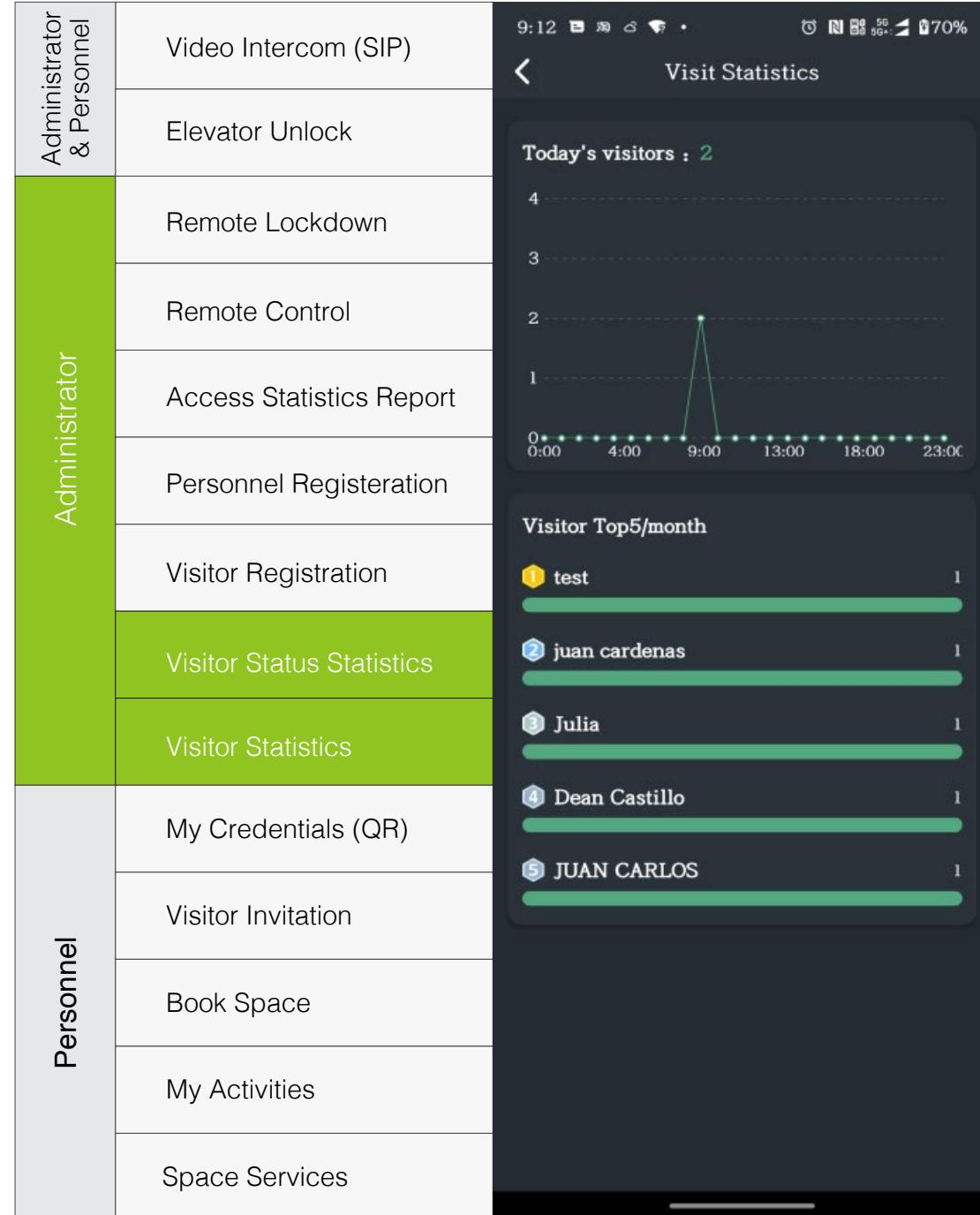
The administrator user can help the visitor to complete the registration, and this will cut all the approval procedures, after the administrator user complete the registration, the visitor will automatically receive the confirm email, and using the scramble QR in the HTML5 link to access.



## Visitor Message Notification

Once a visitor checks in or checks out, the host will receive a corresponding notification to be prepared for reception. This feature enhances the efficiency of the reception process and ensures that the host is promptly informed of the visitor's status, allowing for proper reception arrangements. Whether it's preparing for a meeting or organizing reception staff, this function makes the entire reception process more smooth and professional.





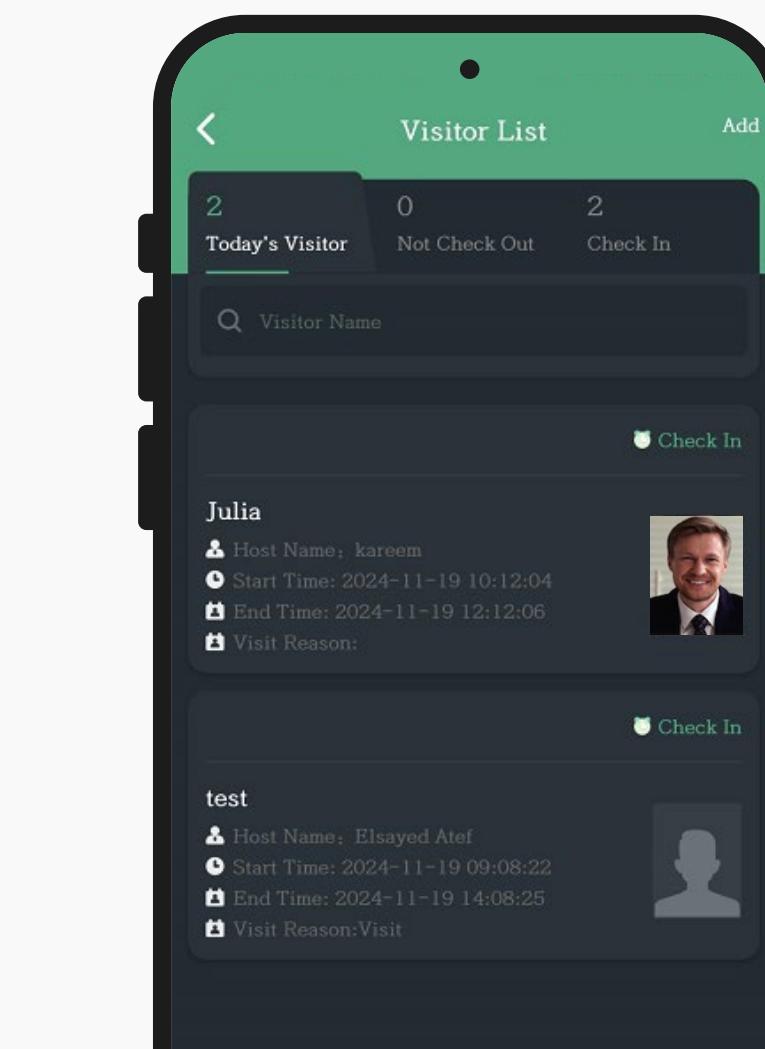
## Visitor Statistics

Visitor statistics offer valuable insights into visitor flow and behavior, helping organizations manage and optimize interactions. By tracking statistics like Today visitor numbers, Top 5 visitor per month, peak times, and duration of stays, businesses can identify trends that inform decision-making and resource allocation.

This data enhances security by monitoring entry and exit, supporting emergency planning. Integrating visitor statistics with access control and surveillance systems creates a comprehensive view of activity, improving operational efficiency and the overall visitor experience. Regularly reviewing these statistics also refines management strategies, leading to increased customer satisfaction and loyalty.

## Visitor Status Statistics

Real-Time Visitor Tracking: Our system provides real-time insights into visitor activities, allowing you to monitor check-ins, check-outs, and current on-site status with precision and immediacy. This feature ensures that you have up-to-date information on visitor movements, enhancing both security and operational efficiency.





An Integrated Security Management Solution

Personnel

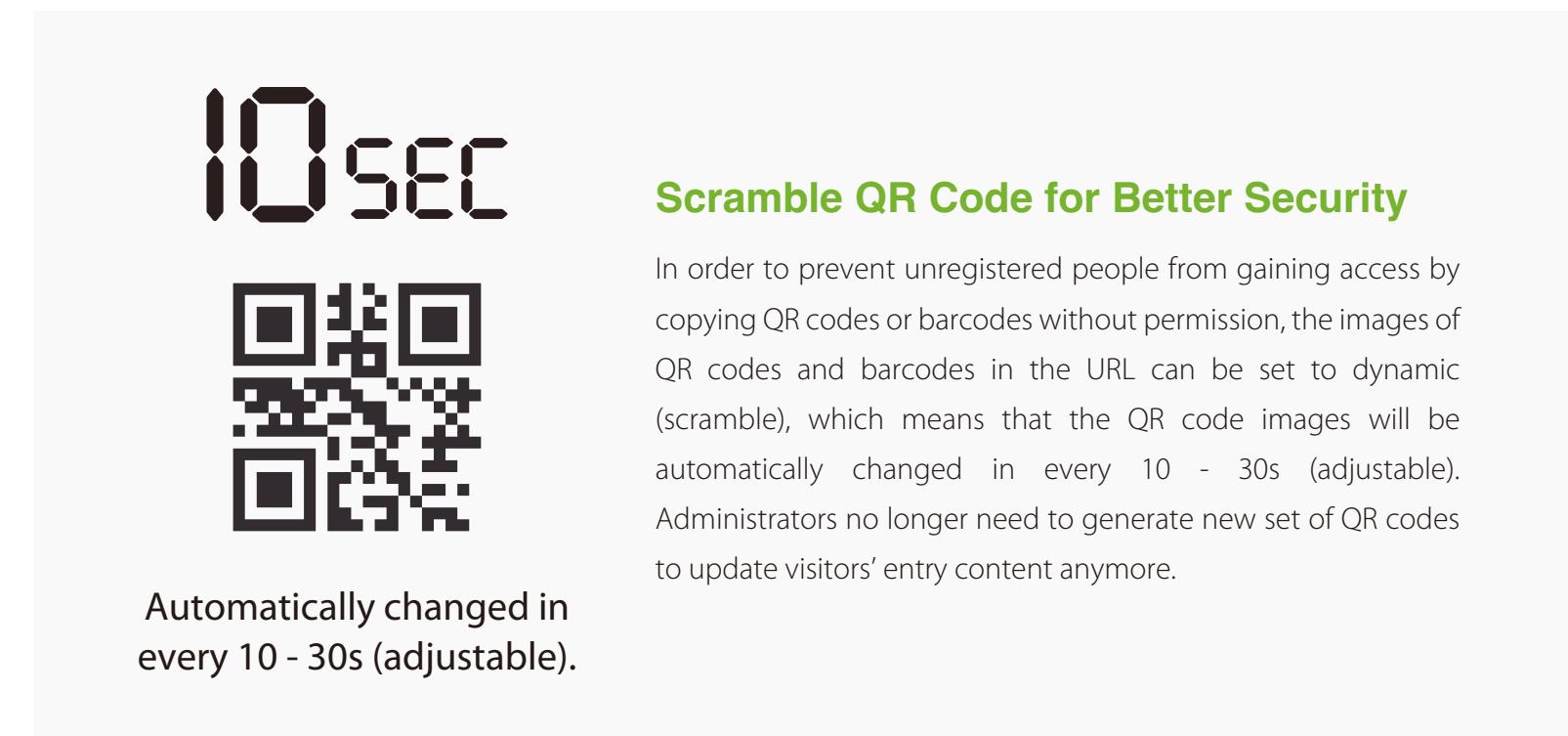
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## QR Code Safe Entry Solution for Staffs

Mobile QR Code Check-in allows both staff to engage in a seamless, touchless check-in process. By using their own mobile devices to scan QR codes, users can gain access to secured areas without the need for physical contact with traditional check-in systems. This method not only enhances convenience but also prioritizes health and safety, reducing the risk of spreading germs.

The process is straightforward: upon arrival, users simply scan the QR code displayed at the entrance, which instantly verifies their identity and permissions. This system can be integrated with existing access control protocols, ensuring that only authorized individuals are granted entry.



## Scramble QR Code for Better Security

In order to prevent unregistered people from gaining access by copying QR codes or barcodes without permission, the images of QR codes and barcodes in the URL can be set to dynamic (scramble), which means that the QR code images will be automatically changed in every 10 - 30s (adjustable). Administrators no longer need to generate new set of QR codes to update visitors' entry content anymore.

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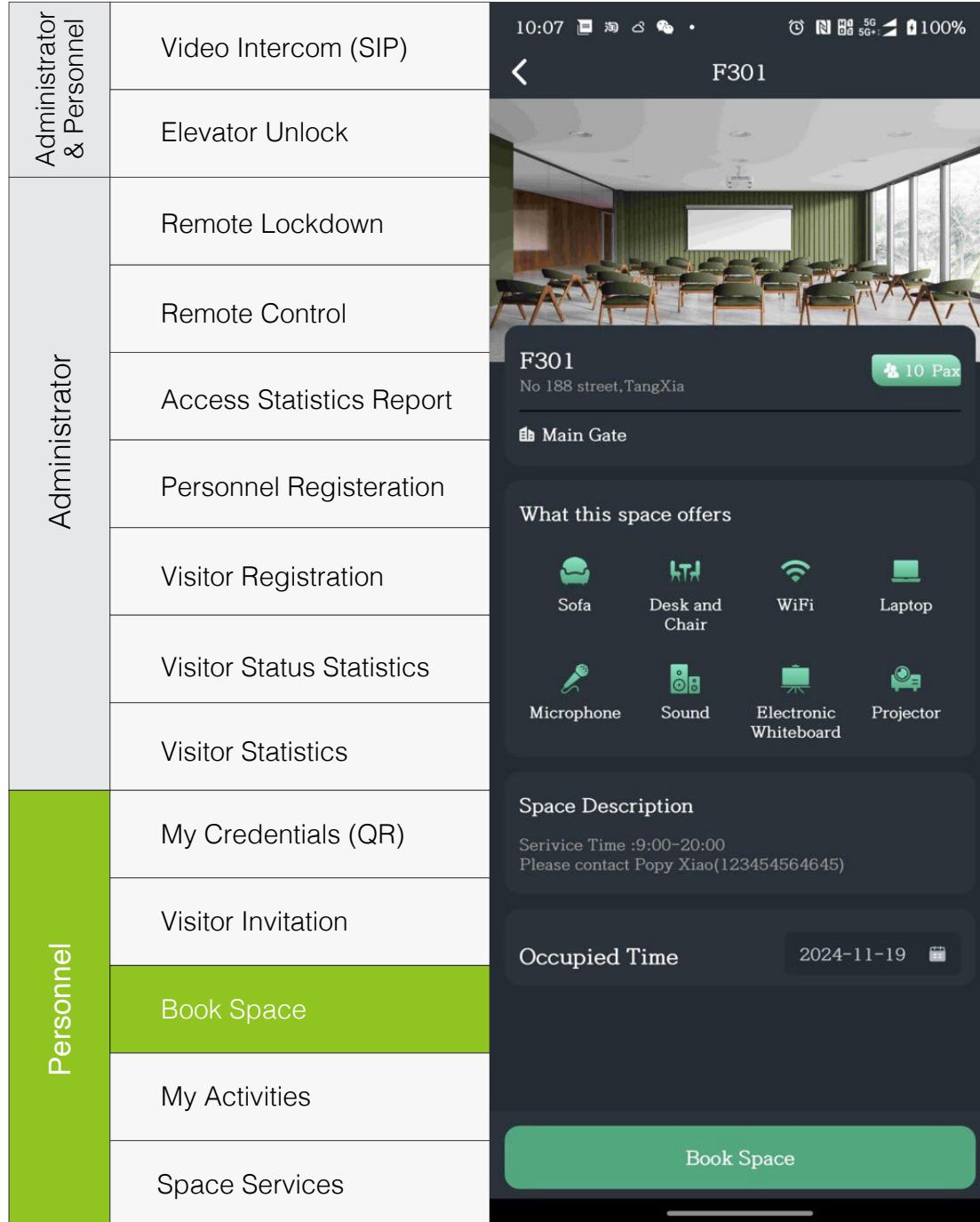
## Online Visitor Invitation

The administrator user can invite a visitor by sending a QR-code to the visitor, when the visitor completed the application, there will be a notification to the administrator for approval, after the administrator approved the registration, the ZKBio CVSecurity will automatically send the confirm email to the visitor's registered email, and there will be a HTML5 link, once he/she click the link, it will generate a dynamic QR code for visitor access.



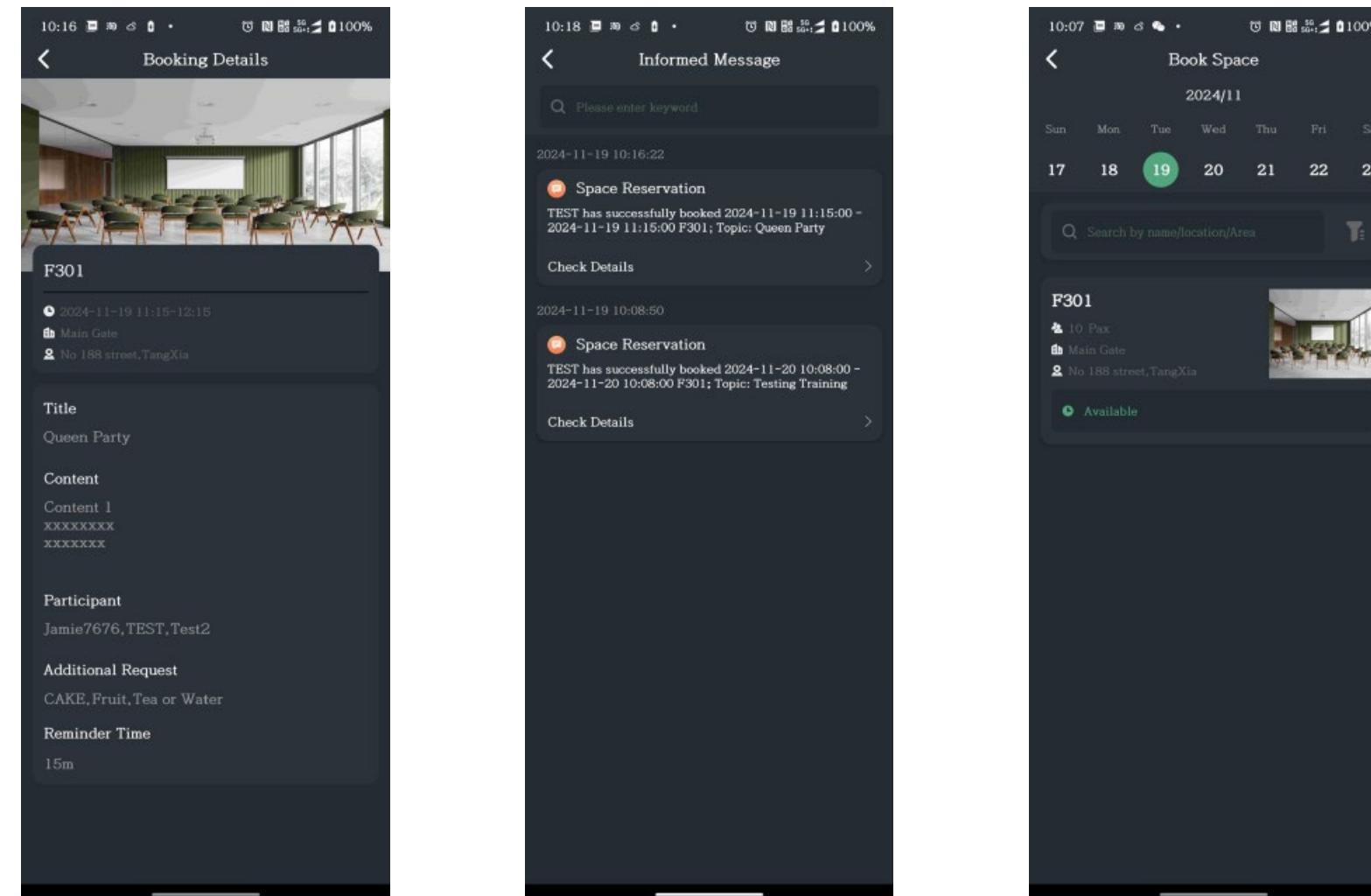
## Additional information

There is an auto-approve function available in the platform, if user turned on the function, the system will automatically send the confirm email to all registered visitor, administrator user do not need to approve all the visitor applications every single time.

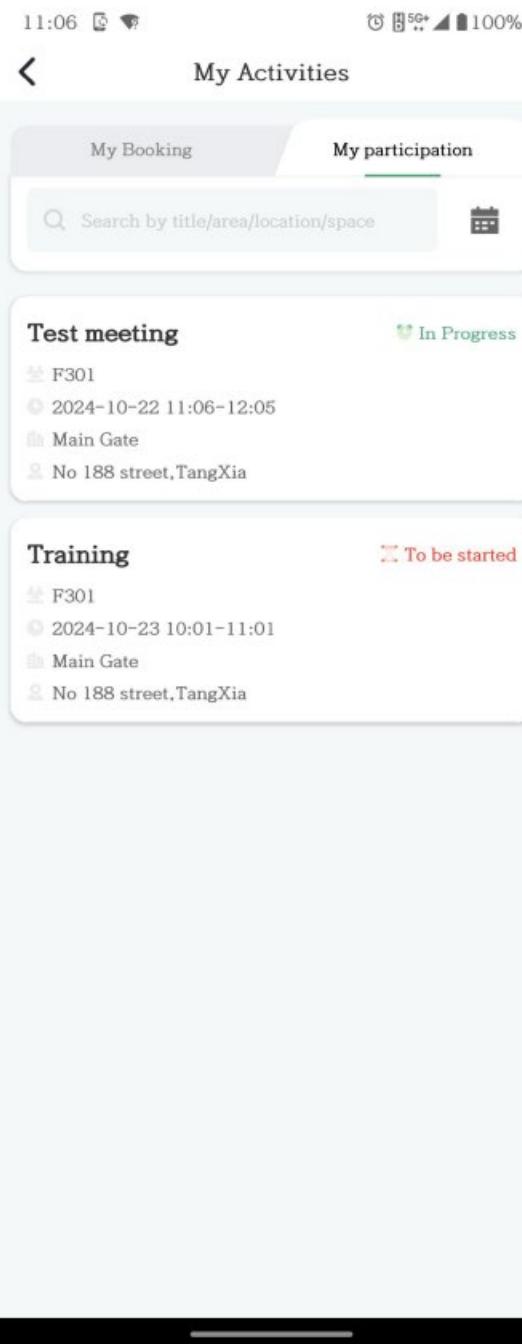


## Efficient Room Booking with Customizable Space Selection

Users should be able to book rooms by reviewing all available spaces, including details such as sizes, areas, and locations. They should also have the ability to filter the spaces based on specific needs, ensuring that only the most suitable options are displayed. Once filtered, users can select the available spaces for reservation, making the booking process efficient and tailored to their requirement.



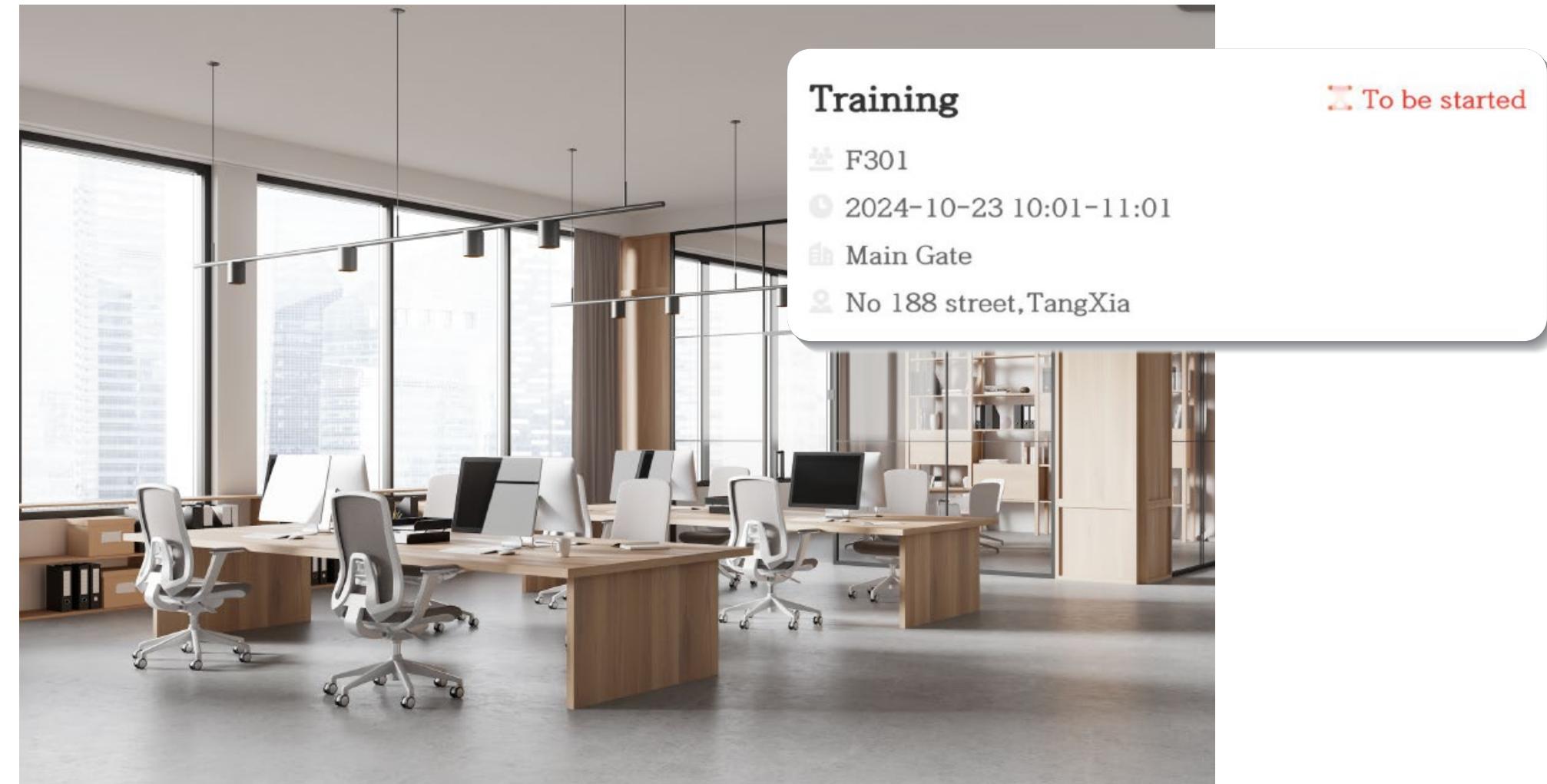
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Space Services	



## Efficient Room Booking with Customizable Space Selection

This section displays the activities in which a user is involved. When selected as a participant during space reservations, the activity schedule will appear on the individual's My Activities interface.

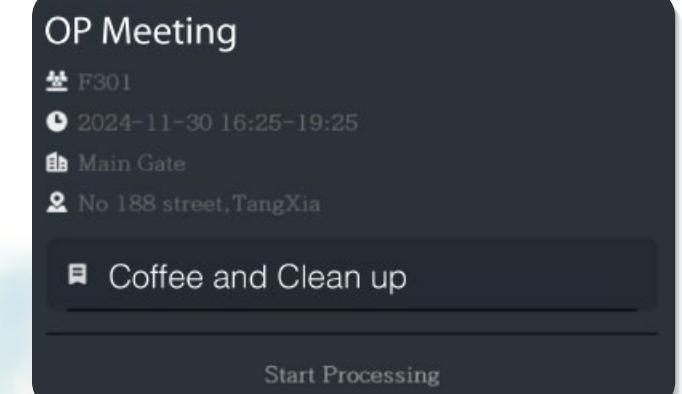
Note: Only the applicant can cancel or end the activities; participants do not have these permissions.



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## Space Service and Reservation Management

This feature is accessible only to the space manager. The space manager is responsible for providing all items based on the reservation details, such as water, coffee, cleaning, and more. Once the items are provided, the manager can click to confirm the process.



## Product Comparison

Maximum Performance		
Performance	ZKBio CVAccess	ZKBio CVSecurity
Access Control Doors	25	5,000
Attendance Points	25	2,000
Video Channels	256	1,024
Intercom Terminal Account (SIP Account)	100	40,000
Supported Personnel	3,000	300,000
Number of Clients Allowed to Access	Unlimited	Unlimited
Operation System&Database	Windows7/8/10/11, Windows Server 2008/2012/2016/2019/2022, PostgreSQL(default), Oracle11g/12c/18c/19c/21c, SQL Server 2008/2012/2014/2016/2017/2019/2022	

Function Module			
		General	
Function		ZKBio CVAccess	ZKBio CVSecurity
System	Personnel	✓	✓
	Operation Log	✓	✓
	Database Management	✓	✓
	System Monitoring	✓	✓
	Message Notification	Email	Email/ WhatsApp, SMS
	Account and Security	✓	✓
	API Authorization	✗	✓
	Mobile App	✓	✓
	OCR Scanner	✓	✓
	Card Template	✓	✓
Map	Active Directory	✗	✓
	E-map	✓	✓
	GIS Map	✗	✓
Event & Alarm Center		✓	✓

Function Module			
Application			
Function		ZKBio CVAccess	ZKBio CVSecurity
Access Control	Access Level	✓	✓
	Interlock	✓	✓
	Linkage	✓	✓
	Anti-Passback	✓	✓
	First-Person Normally Open	✓	✓
	Multi-person Opening	✓	✓
	Global Interlock	✗	✓
	Global Anti-Passback	✗	✓
	Global Linkage	✗	✓
	Personnel Availability	✗	✓
Time & Attendance	Occupancy Control	✗	✓
	Emergency Mysterious	✗	✓
	Attendance Rule	✓	✓
	Approval Workflow	✗	✓
	User Self-Service Login (to view their personnel attendance reports and leave applications.)	✗	✓
Shift	Shift	✓	✓
	User Defined Report	✓	✓

Function Module			
Application			
Function		ZKBio CVAccess	ZKBio CVSecurity
Video Surveillance	View & Live View & PTZ Control & Playback	✓ ✓	✓ ✓
	Favorites	✓	✓
	Onvif	✓	✓
	TV Wall	✓	✓
	Intelligent Video Setting	✓	✓
	Linkage	✓	✓
	Intelligent Analytics & Application	✓ ✓	✓ ✓
	Video Patrol	✓	✓
	ZKBio Video Client(C/S)	✓	✓
	Maintenance	✓	✓
Video Intercom	DNK Devices Management	✗	✓
	SIP Intercom	✓	✓
	Extension Number Assignment	✓	✓
	Cloud SIP Server	✓	✓
	PBX Server Mode	✓	✓

Function Module			
Application			
Function		ZKBio CVAccess	ZKBio CVSecurity
Mobile App	Administrator App	Remote Lockdown	✓
		Remote Control	✓
		Access Statistics Report	✓
		Personnel Refistration	✓
		Video Intercom (Sip)	✓
		Visitor Registration	✗
		Visitor Status Statistics	✗
		Visitor Statistics	✗
	Personnel App	Elevator Unlock	✗
		My Credential (QR)	✓
		Video Intercom (Sip)	✓
		Visitor Invitation	✗
		Elevator Unlock	✗
		Book Space	✗
		My Activities	✗
		Space Service	✗

Function Module		
Application		
Function	ZKBio CVAccess	ZKBio CVSecurity
Elevator Control & DCS Integration	✗	✓
Entrance Control	✗	✓
Visitor	✗	✓
Parking Management	✗	✓
Guard Patrol	✗	✓
Consumption	✗	✓
Scene Center	✗	✓
Intrusion Alarm(BOSCH/RISCO)	✗	✓
Locker Management	✗	✓

Note: If you need more functions and performance ,please upgrade ZKBio CVAccess to ZKBio CVSecurity



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