

SIMPLE BUILDING SOLUTIONS

# INTEGRATED END-TO-END SOLUTIONS



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# iREP SECURITY

## What is iREP Security?

iREP Security System is an integrated end-to-end solutions catered to the security industry. It is a mobile reporting, maintenance tracking and monitoring system which use GPS trackers and Live Image Captures to enable investigating officers and guards for incident response, attendance-taking, with attendance connected to HR payroll, leave and managing visitor visiting the premises and planning manpower rostering. It does away with paper reporting and saves time with functions such as: outstanding jobs lists, picture and video incident reporting, clock-in clock-out systems. iREP Security captures the data real-time in the cloud and sends the data to clients immediately, allowing them to make security decisions more quickly and efficiently. iREP Security is highly scalable and allows security companies to increase in efficiency while serving larger customers.



**UP TO 80% GRANT**  
For eligible SME from Enterprise Singapore

# FEATURES OF iREP SECURITY

## Clocking

Security Officers on patrol clock-in by using the mobile app to scan NFC (Near Field Communication Field) tags mounted at the security guard checkpoints throughout the premises. It is a complete guard tours in total control of occurring incidents, real-time online guard tour system enhanced with the ability to attached pictures, voice messages, notes and signatures to the scanned items.

### How It Works?



## Attendance

Security Officers check-in their attendance shifts by scanning their ID tags and snapping a photograph with their mobile phones. Attendance data can be linked to HR payroll for easy calculations and avoid discrepancies in working hours and salaries.

### How It Works?





## Incident Report

Incident reports are generated on the spot, using a single device to capture images, time and place. This is sent to security managers via 3G, 4G or WiFi for immediate action. Can be retrieved from the web portal anywhere.

### How It Works?

#### 01. Incident Occurs

A common incident includes a light being damaged or broken



#### 02. Report Damage

The damage will then be reported via the iREP app



#### 04. Management

The management can now review the reports in real-time



#### 03. iREP Application Website

The report will then be submitted to the iREP Application Website

## Visitor Management System

It is a comprehensive VMS that is in compliance with the new Personal Data Protection Act (PDPA) guidelines issued by the PDPC. Visitor Management System (VMS) is a user-friendly solution that streamlines the process of checking in visitors who are accessing in & out of your premises. It allows tracking of visitors' details easily as well as temperature recording for awareness in the event of outbreak. Visitors' registration consists of scanning of their ID using a bar-code scanner and paired with the information in the visitor card, it is all that is required to create a visitor record.

With Personal Data Protection Commission (PDPC) implementing Personal Data Protection Act 2012 (PDPA) regulation to cease collection of personal ID (E.g.: NRIC, FIN, Work Permit, Passport, Birth Cert) by 1st September 2019, our VMS is ready with the masking feature to ensure no full personal ID is being stored in the system. As such, we do not worry about personal data leaks as we do not collect them but we can still trace an individual when there is a need to as mobile numbers are strictly tagged to an individual in Singapore. PDPA compliant both blacklist and whitelist visitors will also be highlighted in the system and entry will be barred. Security managers will be able to access detailed visitor information anytime, anywhere via the web platform.

However, if there is a need by any building management to require the collection of NRIC details, it can be configured accordingly and the NRIC numbers will always be masked and securely encrypted which complies to the Personal Data Protection Act (PDPA).

Also, if visitor feels uneasy to give their personal particulars to the guard, we will provide a TABLET that can be passed down to the visitor and fill up themselves, with full privacy.

### How It Works?

#### 01. Visitor Registration

Visitor arrive at Guardhouse

Guard uses iREP app to scan outgoing visitor card from a pigeon hole (E.g. Card 52)



#### 03. Visitor Returns

Guard uses iREP app to scan outgoing visitor card to retrieve user identity

Guard goes to pigeon hole to check if identity matches the one registered

Guard sends data to the iREP Application Website



#### 02. Record Visitor

Visitor will pass their NRIC/License to the guard and upon receiving the NRIC, the guard will then scan the NRIC with the bar code scanner, storing only partial information of the NRIC



#### 04. Verify Visitor

Guard goes to pigeon hole 52 to check if identity matches the one that is registered

Guard sends data to the iREP Application Website

#### Management

Management will be able to check report of the visitor via the internet





### Emergency Alert

The emergency alert provides a digital checklist configuration on the iREP web portal, the checklist will also be generated simultaneously on the mobile app. Security officers will be able to check through the digital checklist for each particular site. Alert that is submitted based on the checkbox selected will be broadcast out to the relevant subscribers.



### Automated Carpark Management System (ACMS)

Automatic number-plate recognition is a technology that uses optical character recognition on images to read vehicle registration plates to create vehicle location data.



### HR and Payroll

The Human Resource (HR) module provides a platform for more comprehensive management of all employment records of employees, while Payroll module is a robust payroll calculation software that is streamlined to the security industry. The generated payslip for the month can then be easily accessed and viewed by employees on the mobile device installed with the iREP Security Application.



### Inventory Management

Inventory management works by tracking two main actions of your stockroom – incoming and outgoing. The system allows for other actions that take place such as movement of inventory as well as noting suppliers' information. It helps to solve the manual process of issuing and distribution of inventory. It saves time of compiling stocks level, save costs by reducing wastages and able to track if the right item is being issued to the right personnel.



### E-Announcement

It serves to broad cast to a specific group of personnel important announcements. Able to collate a list of personnel who have read and understood the announcements.



### Online Organisation Chart

The Online Organization Chart allows paperless planning for users to plan their company's internal organization on cloud.



### E-Occurrence

Is a prompting function for lodging in digital occurrence report on a periodic basis which can be applied to assist for investigation.



### E-leave Management System

The E-leave Management System provides an avenue for easy management, allocation and application leaves. The system is also compliant to the annual leave entitlement structure for security officers established by the Singapore Ministry of Manpower (MOM).



### Manpower Rostering

Manpower Rostering allows operation managers to create roster schedules on guard assignment for each site. Operation Managers can check whether their guards have arrived on site, knowing where they are through the web-based on cloud. This system allows for monitoring and planning of manpower deployment ahead of time. It is smart to notify the operation managers if guards are overworked or underworked.

# OUR UNIQUE SELLING PROPOSITIONS

## Trusted & Secure

Microsoft Azure, with 99.9% uptime and data is secured.

## Domain Knowledge

Very strong knowledge on the security sector.

## Product is Accredited

iREP Security System is accredited under Pre-Approved Solution of "SMEs GO DIGITAL" Programme (Pre-approved@SMESGODIGITAL).

## Environmental Friendly

Going paperless, offers conveniences and environmentally friendly (Go GREEN).

## Outcome-based Assessment

Allow transparency and proof of service, live image capture with real-time and time stamp that is authentic and cannot be fabricated. Promote outcome based contract instead of headcount base contract.

## Credential

Has won many awards and endorsement from many competitions for this product.

## One Integrated End-to-End Solutions

With a holistic of many security solutions, integration of modules eliminate risk of error in data entry to different applications. The integration automatically updates related modules.

## User Experience

Ease of use and implementation.

## Fast Deployment

Very easy to install and deploy within a week or two.

## Very Interoperability

Open source, can integrate and work with other vendors.

## Cost Effective

Affordable pricing

## Increase in Operational Efficiency

- 40-50% reduction in redundant patrols. Mistakes and redundancy are spotted and alerted in real time.
- Enables attendance to be taken remotely and verified over the cloud. This allows easy verification and reduces payroll errors/disputes.

## Increase Integrity of Security Operations (Better ensuring robust security)

Client can monitor the performance of the security team in real time and can communicate more effectively with real-time access to information. This will translate to strengthened services given by the team on the ground.

## Time Savings

Reduction in time required to manage, escalate and report an incident. Previously, each incident report would take an officer about 20 to 30 minutes to ensure the necessary information gets to the client. With the app, it can now be completed within 5 to 10 minutes. This also gives the Security Agency's clients the assurance as incidents can be reported in real-time. All reports and photographs are also stored and can be easily retrieved from the cloud.

## Wage Increase

Security Agency was able to comply with Progressive Wage Model (PWM) effectively with sites adopting these technology. After the adoption of digital technology and compliance to PWM, Security Officers are now able to command a higher basic salary.

## Productivity Improvement

- Security Officers find the digital technology easy to use and hassle free. Time required to prepare the reports have been significantly reduced by more than 60% (from 30 minutes to 10 minutes) and incident reports can now be created on the go.
- Security Officers are able to conduct dynamic patrols, as well as make less mistake in their patrolling (thus having to redo), and this effective can drive a 40 - 50% reduction in redundant patrols.



**“The iREP Security system is an integrated and interoperable solutions that has improved operational efficiency as incidents can now be reported almost immediately with the app, reports, photos, even pay-slips and KETs can be stored in the cloud. iREP Security allows us to save time and increase productivity in ensuring the security officers report to work at their job sites and address to problems more promptly.”**

### AARON LEE

CEO and Co-founder of  
Gabkotech Innovations



**Customer  
Testimonial Video**