GABKOTECH
INNOVATIONS

SIMPLE BUILDING SOLUTIONS

Smart Building Management for Built Environment

GABKOTECH
INNOVATIONS

ABOUT US

One of the leading IoT Smart Building Facility Management Solution Provider in Singapore.
Specializing in One-Stop Integrated Smart Building Solutions for Building Management.

VISION

Be a Leading Global Company for IoT Smart Building Solutions

MISSION

Making IoT Smart Building Solutions Deployment EASY

GABKOTECH INNOVATIONS

Corporate Profile

- Singapore-established Company since 2012
- IoT Smart Building Facility Management Solutions Provider
- IMDA Pre-approved Technology Solutions
- Specialized Developer of Mobile and Web Applications for:
  - Security Industry
  - Environmental Services
  - Building & Facility Management
- Government / Stat Board Projects:
  - Ministry of Education, with 2 Security Agencies in over 170 schools in 3 clusters
  - National Library Board, 28 buildings including their libraries

GABKOTECH
INNOVATIONS

INDUSTRY PAINPOINTS

Inefficient Time Management

- Hard to track workers
- Duplicate efforts

Lack of Integrated System

- Too many sub systems
- IOT system too expensive

No Standard Procedures

- No proof of Service
- Payment disputes

Waste of Paper

- Manual process

Lack of Manpower

- Hard to attract people joining the industries
- Manpower is expensive
- Manpower shortage

GABKOTECH INNOVATIONS

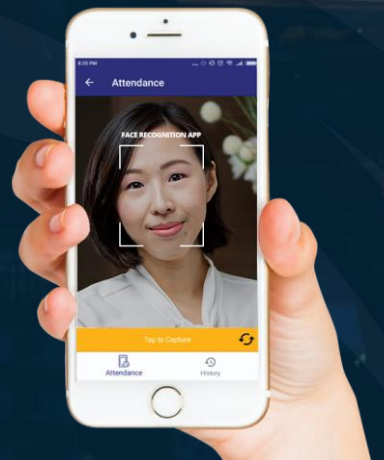
SMART FACILITY MANAGEMENT

The Future of Integrated Facility Service

iREP SECURITY

Enterprise Smart Mobility Solution

- Visual Guard Tour Patrols
- Digital Attendance with Facial recognition
- Incident Management & Emergency Mass Alerts
- HR & Payroll Systems
- Prequalified by IMDA Singapore for 6 years



Supported By:

SG:D | SMEs GO DIGITAL PRE-APPROVED

NFC

iREP WORKFORCE

Enterprise Smart Mobility Solution

- Predictive Fault Management System
- Large Scale Manpower Optimization
- Standardization for Building Maintenance Workflow with NFC
- Cleaning, Mechanical & Electrical
- Prequalified by IMDA Singapore

Supported By:

SG:D | SMEs GO DIGITAL PRE-APPROVED

NFC

M2Sense

IOT Smart Washroom

- Human Traffic Counter
- Ammonia & Hydrogen Sulfide
- Public Feedback Panel
- Digital e-Inspection Checklists
- On-Demand Cleaning
- Increase Sanitation Standards

GABKOTECH
INNOVATIONS

GABKOTECH OTHER BUSINESSES

G-LAB

Learning Hub (Enver E-Learning)

- Production of training content, platform and consultancy
- Integration with third party systems platform for learning
- Training for programmers, trainers, resellers and partners
- Digital training content for Smart Built Environment
- Training for Best Practices in specific industry

GABKOTECH ALLIANCE

- Resellers
- Distributorship
- Partnership
- Joint Venture
- Licensing and Franchising

GABKOTECH E-COMMERCE

- Online platform and marketplaces like Alibaba, Microsoft marketplace, Google Store, Amazon
- Creating many lite versions of our current IOT products for SOHO or small business with less than 10 users

GABKOTECH INNOVATIONS

OUR UNIQUE SELLING POINTS

ORGANIC TECHNOLOGY

- Difficult to replicate
- Data Analytics and AI Infused
- One Integrated Solutions

EASY TO USE & DEPLOY

- Plug & Play
- Easy to Use
- Simple Partnership Model

COST EFFECTIVE

- SMEs can easily afford

ALLOW HOME BASED OPERATIONS

- Reports can be accessed remotely, anywhere, anytime as long as there is internet connections.

GOVERNMENT ACCREDITATION

- Credential endorsed by many associations and government bodies

DOMAIN KNOWLEDGE

- Domain knowledge on the security, environmental services and the facility management arena.
- Promote outcome-based assessment.

INTEROPERABILITY

- Open source, can integrate and work with other vendors

SG:D | SMEs GO DIGITAL PRE-APPROVED

Enterprise Singapore

GOVTECH SINGAPORE

TechDepot.

GABKOTECH
INNOVATIONS

GABKOTECH BUILDING MANAGEMENT ECOSYSTEM

Gabkotech provides IoT solutions to enable Smart Building Operations

Security

Manpower

Environment

GABKOTECH
INNOVATIONS

IREP®
SECURITY

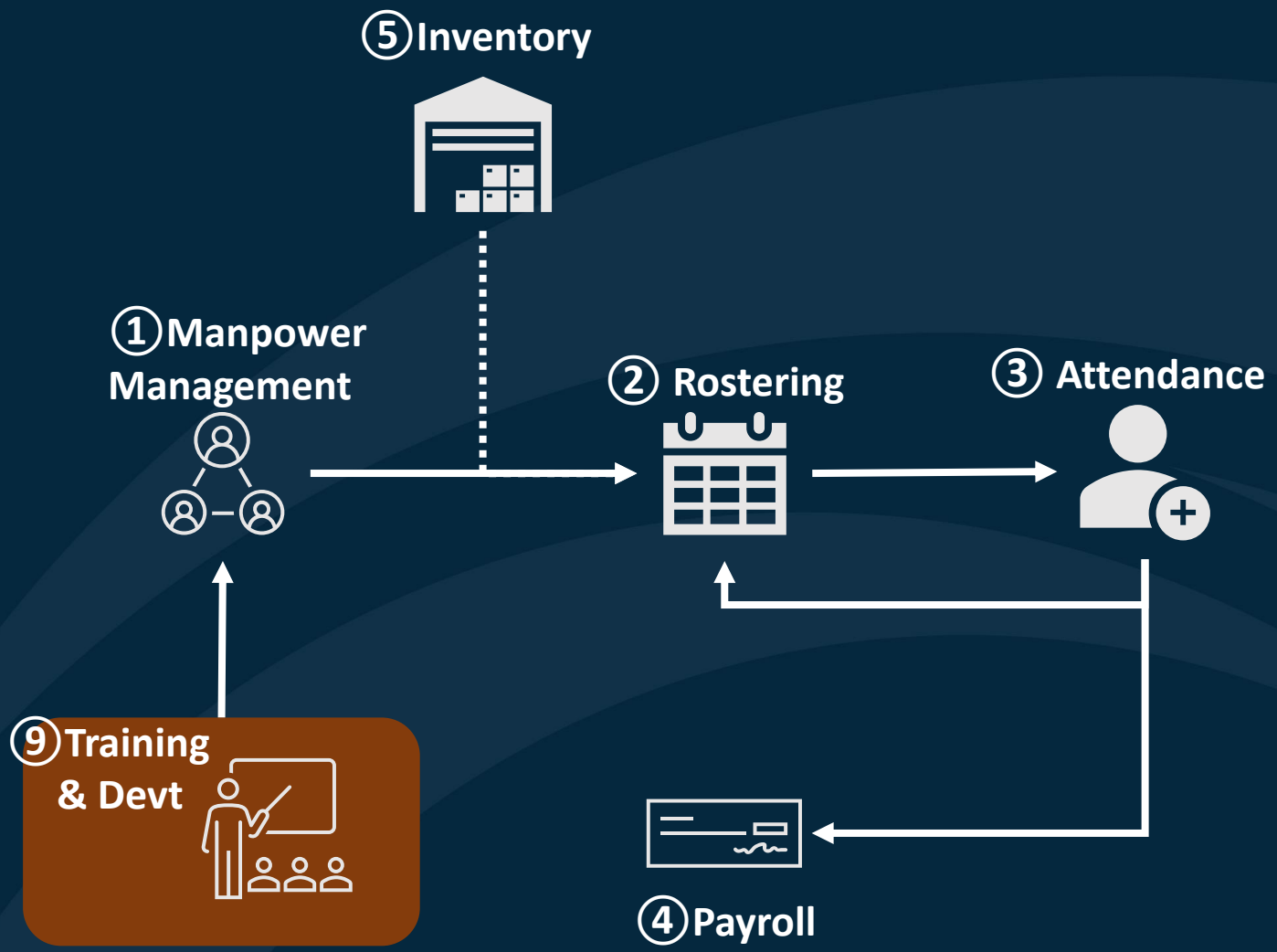
IREP SECURITY SYSTEM

Solutions for Building Security Operations

GABKOTECH INNOVATIONS

REP SECURITY®

Security Operations Workflow



⑦ Patrolling

- Clocking
- Pathfinder
- Incident Reporting
- Emergencies
- AAR
- Mgmt Visit

⑧ Guarding

- Carpark Management
- Visitor Management
- Body Worn Cameras
- Keypress Management
- Video Monitoring

Private & Confidential. Rights reserved by
Gabkotech Innovations Pte Ltd 2020.

GABKOTECH
INNOVATIONS

iREP Security System

SIMPLE BUILDING SOLUTIONS

VISITOR MANAGEMENT SYSTEM

PDPA COMPLIANCE

SIMPLE BUILDING SOLUTIONS

ATTENDANCE

SIMPLE BUILDING SOLUTIONS

CLOCKING AND PATROLLING

SIMPLE BUILDING SOLUTIONS

INCIDENT REPORT

SIMPLE BUILDING SOLUTIONS

EMERGENCY ALERT

SG:D | SMEs GO DIGITAL
PRE-APPROVED
Supported By:
INFOCOMM MEDIA DEVELOPMENT AUTHORITY

GABKOTECH
INNOVATIONS

VISITOR MANAGEMENT SYSTEM

iREP Security System

Private & Confidential. Rights reserved by
Gabkotech Innovations Pte Ltd 2020.

GABKOTECH INNOVATIONS

iREP Visitor Management System

- Laptop and Tablet Application
- Real-time access to Visitor Details and Contact Tracing
- Search and Export functions for Report generation
- User-friendly interface for Users/ Security Officers
- Integration with Barcode Scanner, Label Printer, Thermometer/ Temperature System
- Temperature Taking and Contact Tracing functions
- PDPA Compliant
- Pre-approved Technology Solution by IMDA & Enterprise Singapore

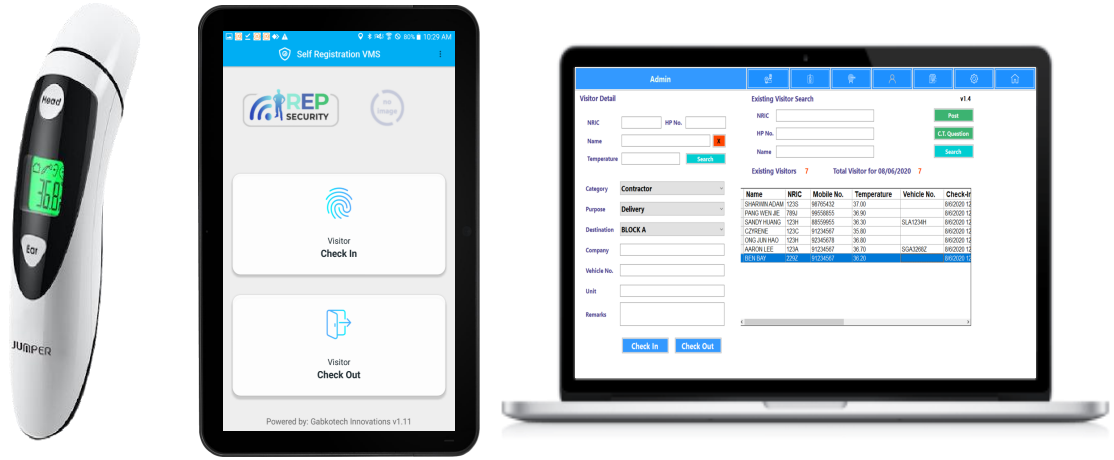
Private & Confidential. Rights reserved by
Gabkotech Innovations Pte Ltd 2020.

GABKOTECH INNOVATIONS

Temperature Taking & Contact Tracing

iREP Visitor Management System

with Temperature & Contact Tracing

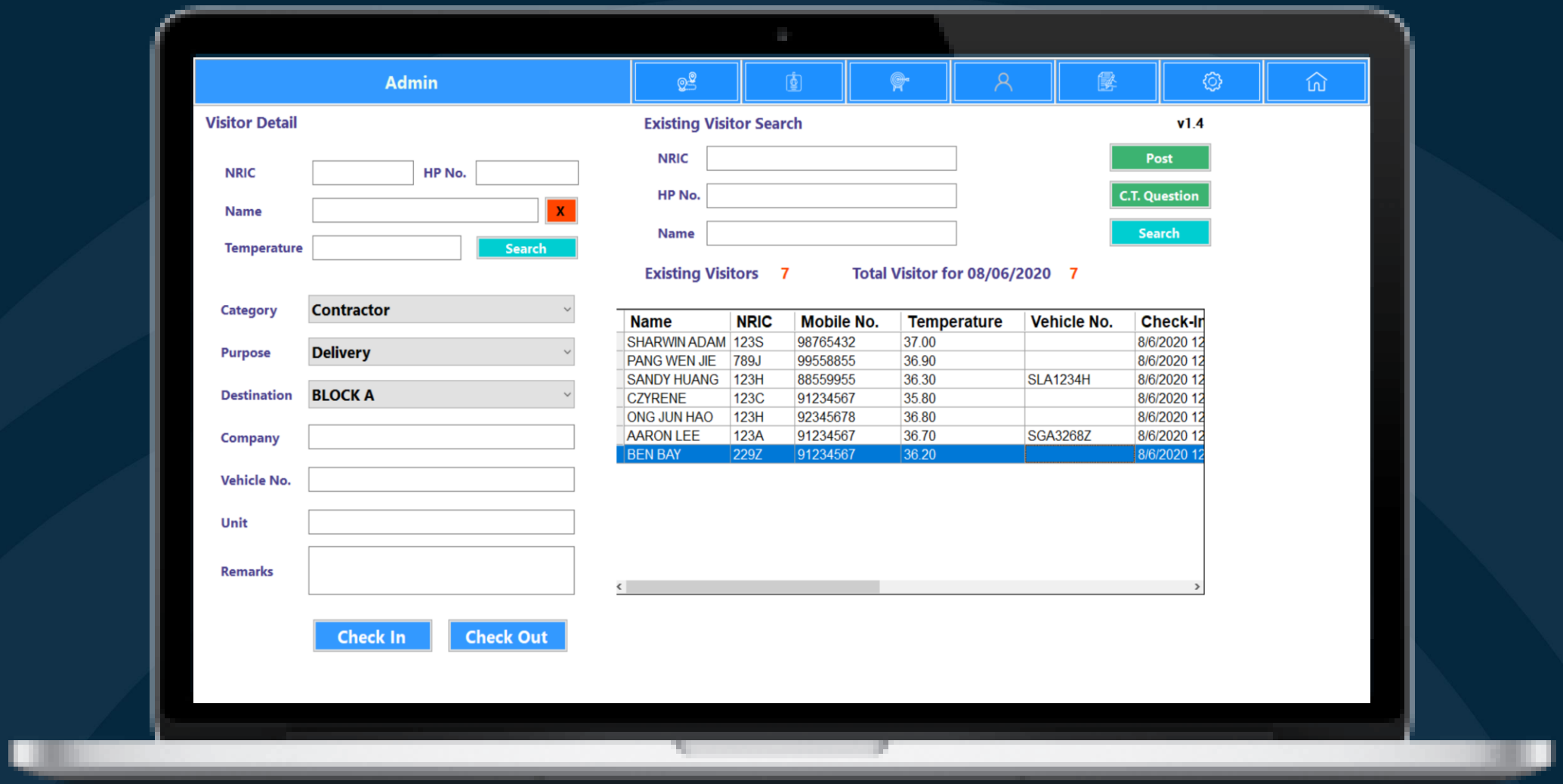


- Integration of iREP VMS with Bluetooth Thermometer or Face Temperature Camera
- Record of visitor's Temperature & Contact Tracing
- Track the number of visitors and duration of visits
- Manage the flow of visitor's access and movement
- Ensure visitor entering premise is deemed safe and healthy
- Visitors' data registered and recorded in the Cloud Server for years

Private & Confidential. Rights reserved by
Gabkotech Innovations Pte Ltd 2020.

GABKOTECH
INNOVATIONS

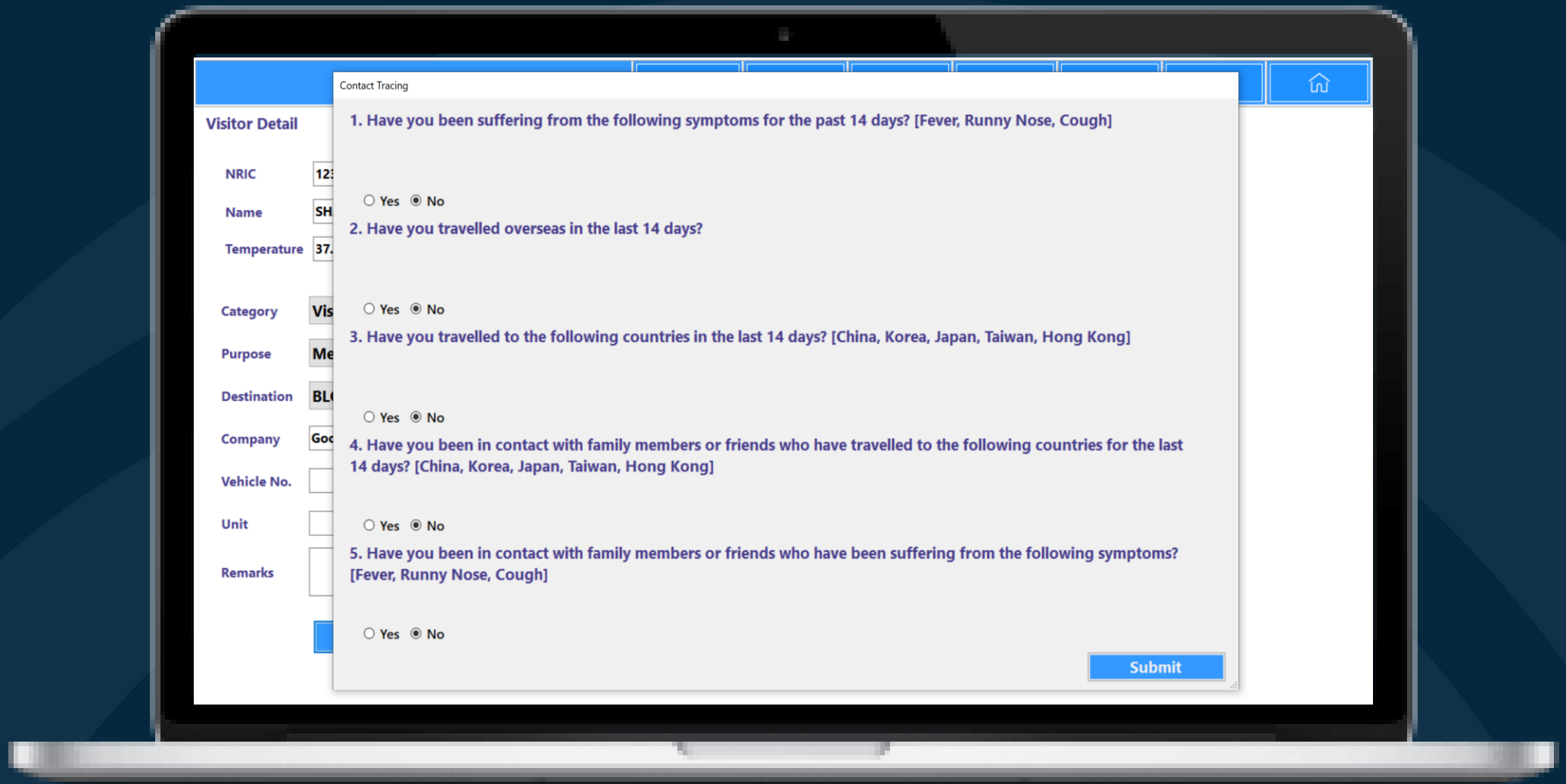
Laptop VMS Application



Private & Confidential. Rights reserved by
Gabkotech Innovations Pte Ltd 2020.

GABKOTECH
INNOVATIONS

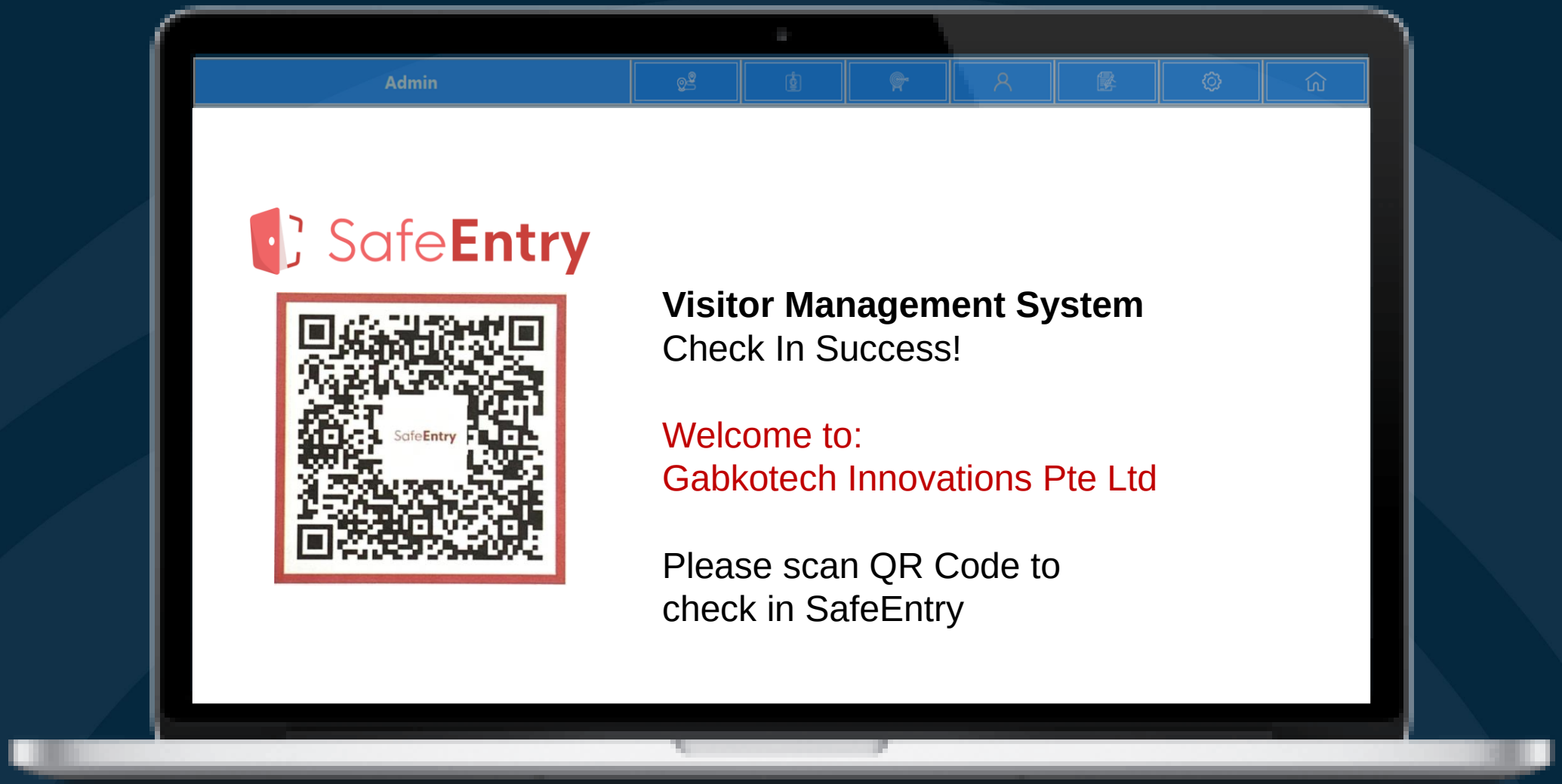
Laptop VMS Application



Private & Confidential. Rights reserved by
Gabkotech Innovations Pte Ltd 2020.

GABKOTECH INNOVATIONS

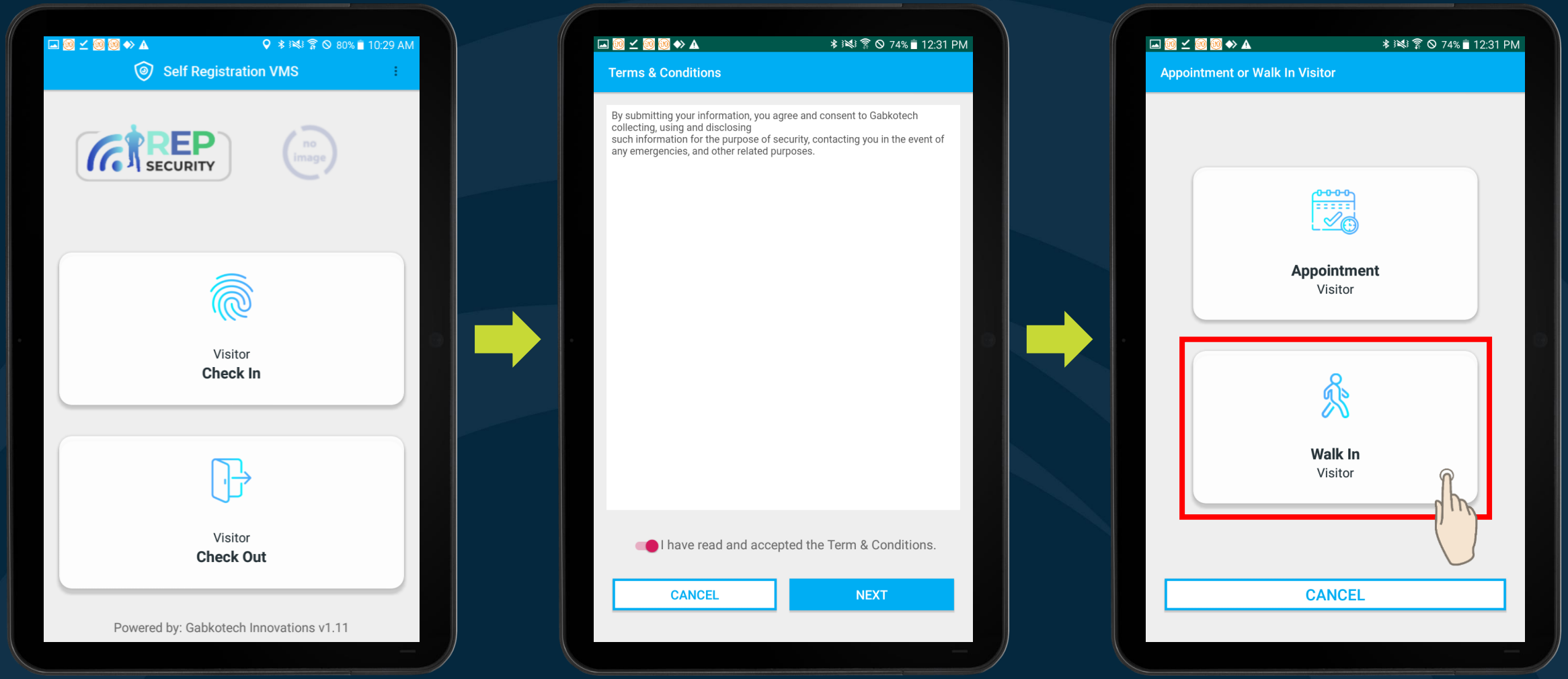
Laptop VMS Application



Private & Confidential. Rights reserved by
Gabkotech Innovations Pte Ltd 2020.

GABKOTECH INNOVATIONS

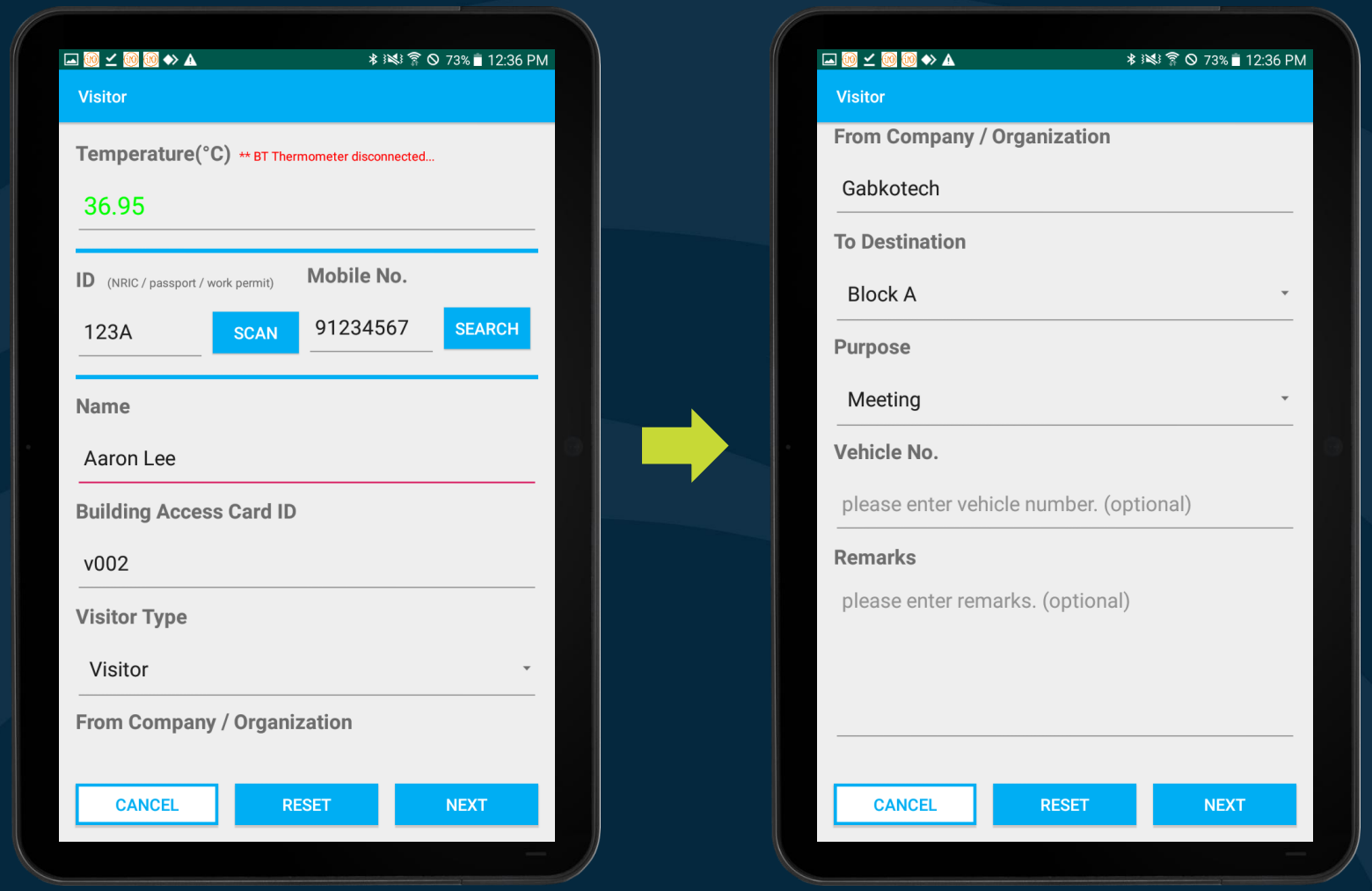
Tablet VMS Application: Visitor Check In



Private & Confidential. Rights reserved by
Gabkotech Innovations Pte Ltd 2020.

GABKOTECH
INNOVATIONS

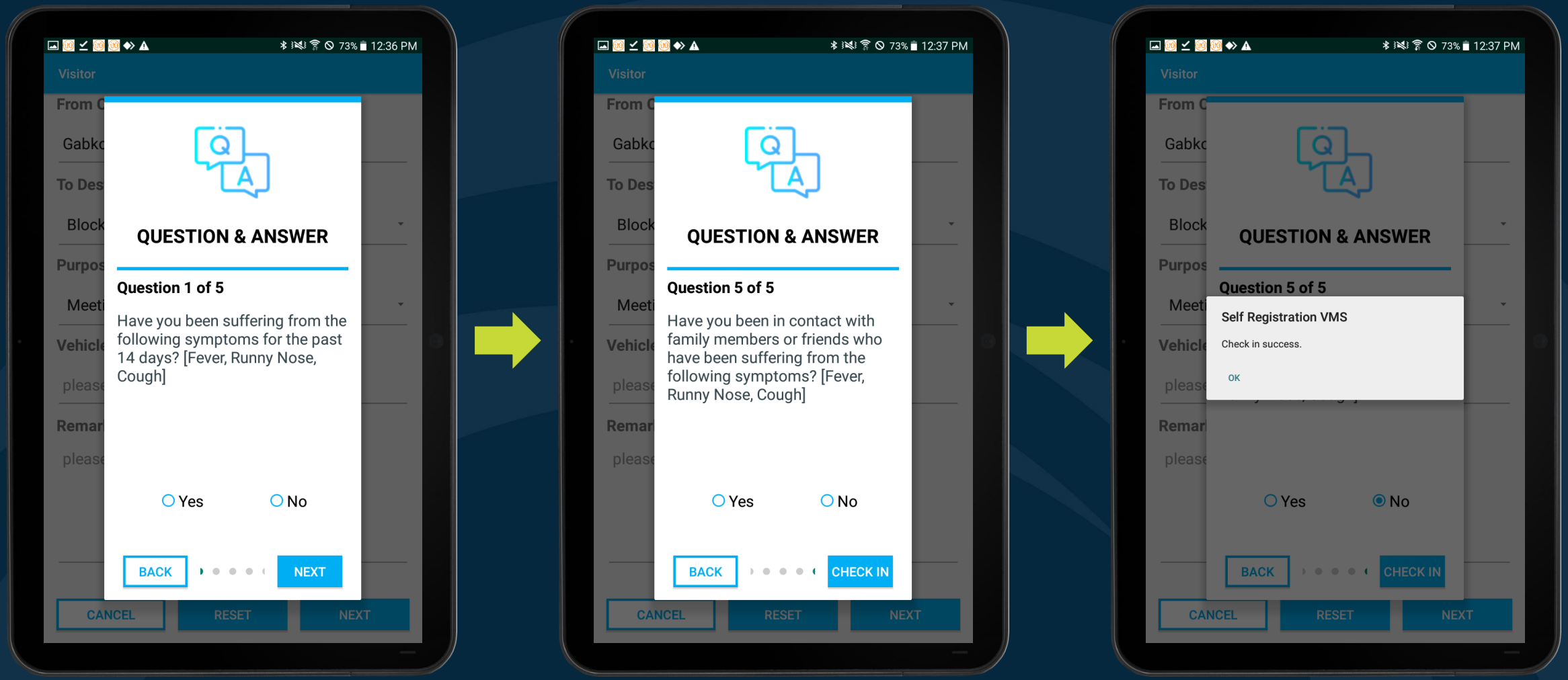
Temperature & Visitor Details



Private & Confidential. Rights reserved by
Gabkotech Innovations Pte Ltd 2020.

GABKOTECH INNOVATIONS

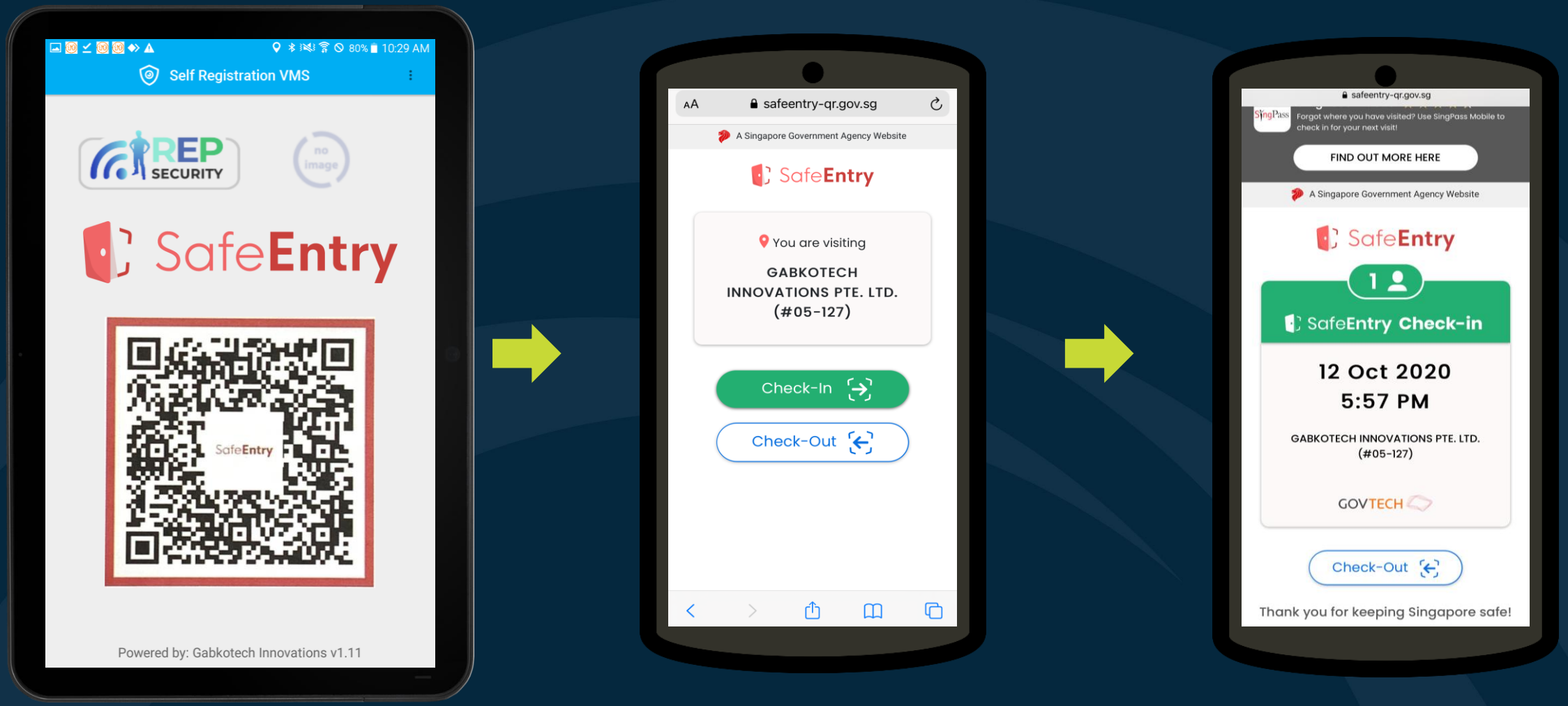
Contact Tracing Questionnaire



Private & Confidential. Rights reserved by
Gabkotech Innovations Pte Ltd 2020.

GABKOTECH INNOVATIONS

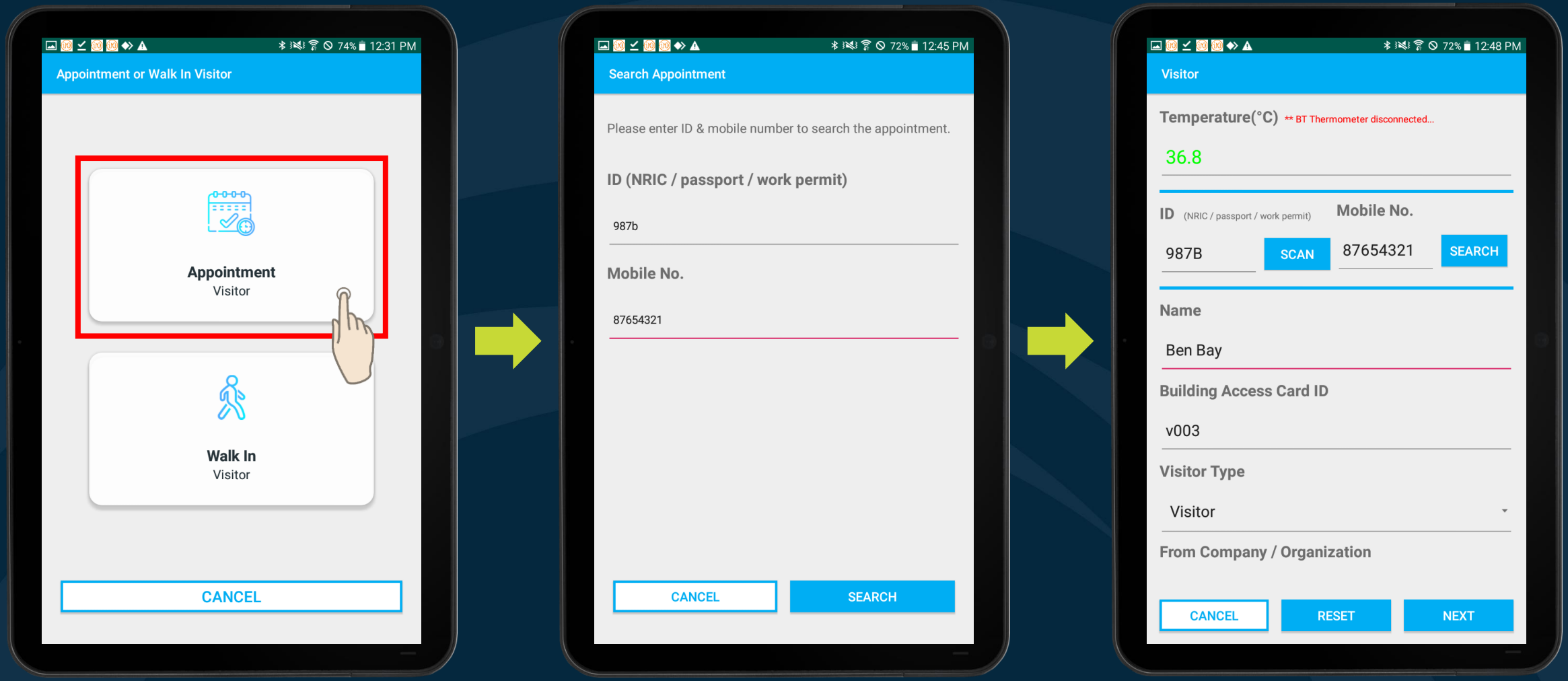
SafeEntry QR Code



Private & Confidential. Rights reserved by
Gabkotech Innovations Pte Ltd 2020.

GABKOTECH INNOVATIONS

Visitor Check In (Appointment)

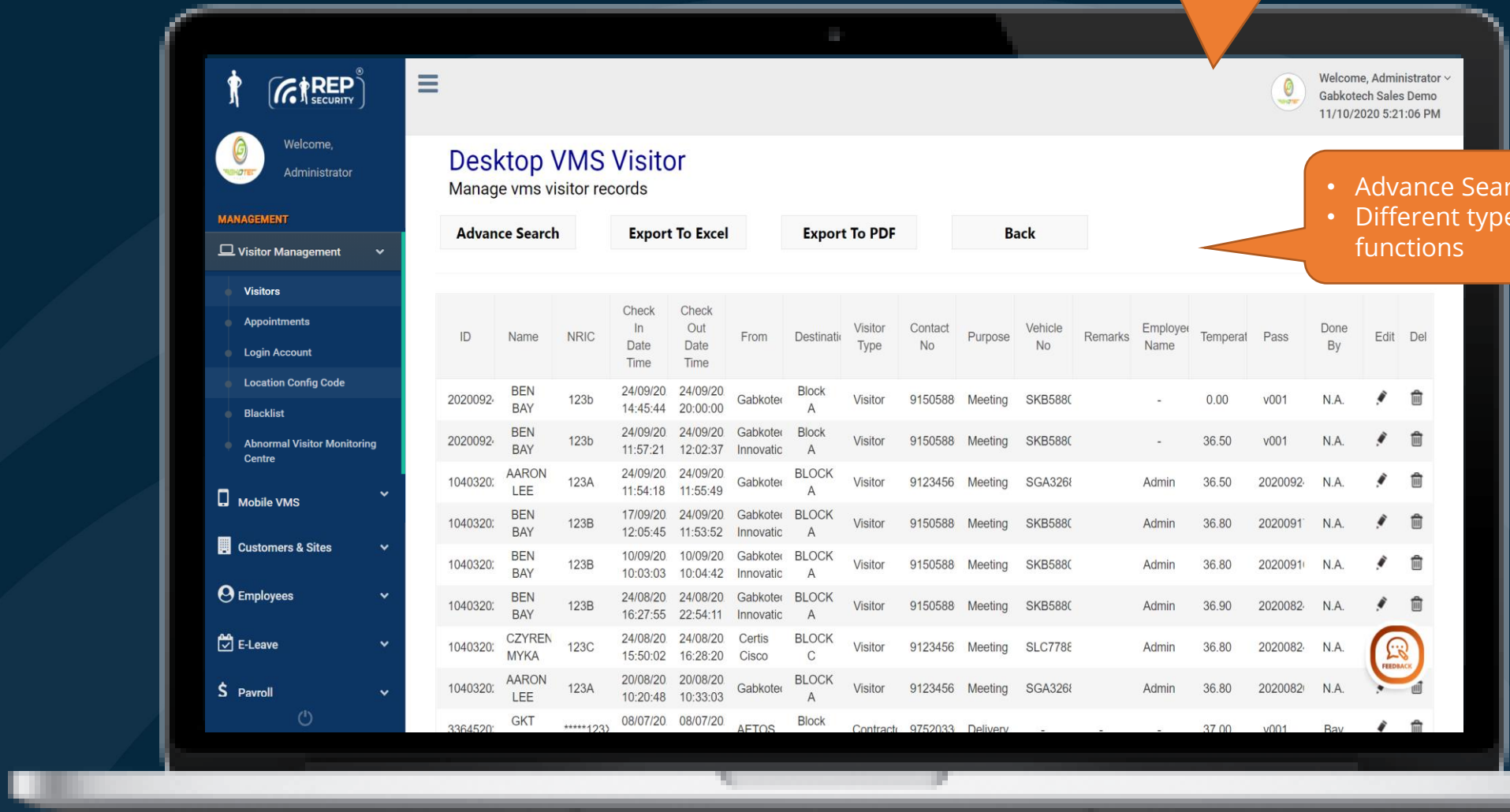


Private & Confidential. Rights reserved by
Gabkotech Innovations Pte Ltd 2020.

GABKOTECH INNOVATIONS

iREP Web Portal (Dashboard)

- Pre-Registration of Visitors
- Blacklisting of Visitors
- Registration of multiple Sites and Locations



- Advance Search of Records
- Different types of Filter functions

GABKOTECH
INNOVATIONS

MOBILE ATTENDANCE

iREP Security System

GABKOTECH INNOVATIONS

SIMPLE BUILDING SOLUTIONS

ATTENDANCE

REP SECURITY

GABKOTECH INNOVATIONS

Features & Benefits

Features

- Cloud-based Attendance Management System
- Real-time Count Data Transmission
- Simple User Interface on App
- Intuitive Interface and Visualized Dashboard on Web Portal
- Generate daily, weekly, monthly data reports

Benefits

- Tracking and Monitoring can be done anywhere
- Eliminate recordkeeping errors by accurately keeping track of regular time and overtime worked
- Resolve disputes on Payroll for HR, and increase productivity among employees

SG:D | SMEs GO DIGITAL
PRE-APPROVED

Supported By:

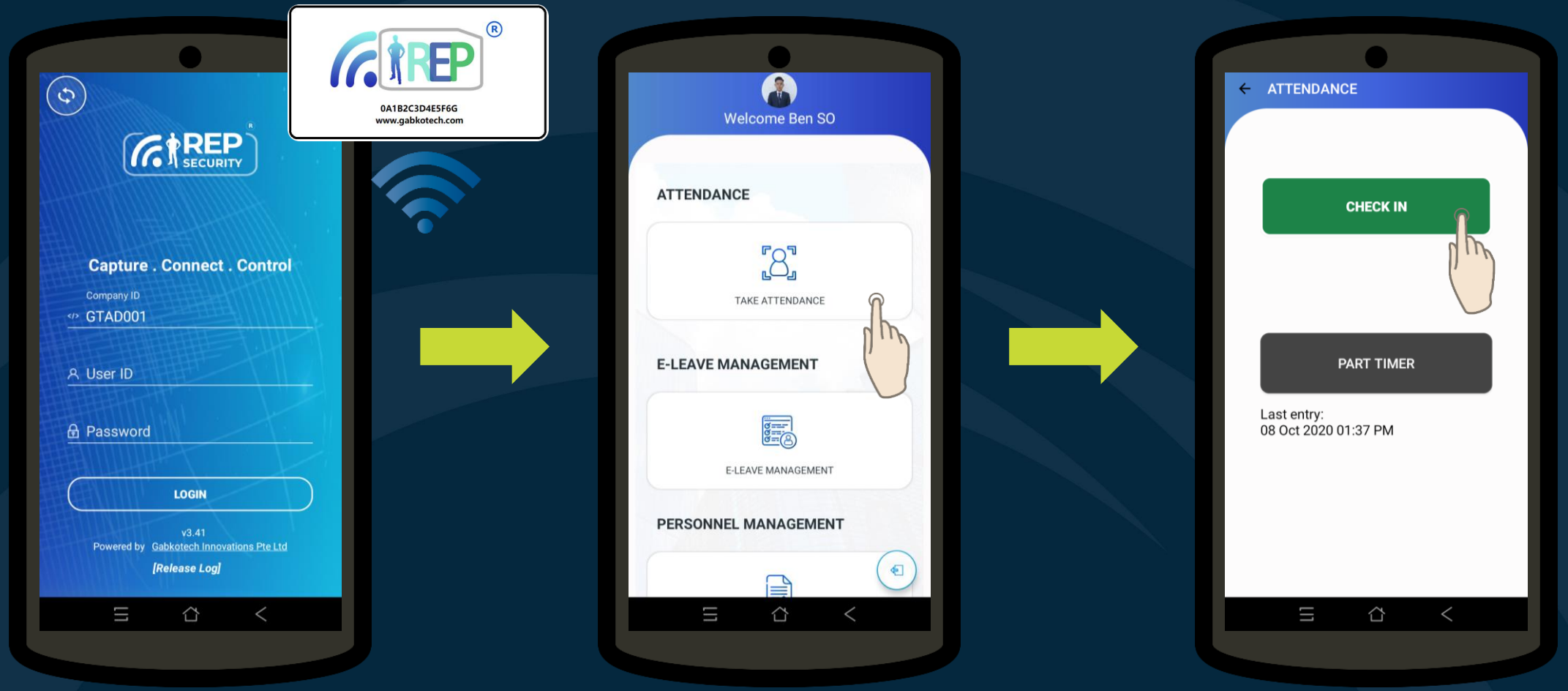
INFOCOMM MEDIA DEVELOPMENT AUTHORITY

Private & Confidential. Rights reserved by
Gabkotech Innovations Pte Ltd 2020.

GABKOTECH INNOVATIONS

Attendance

iREP Security App

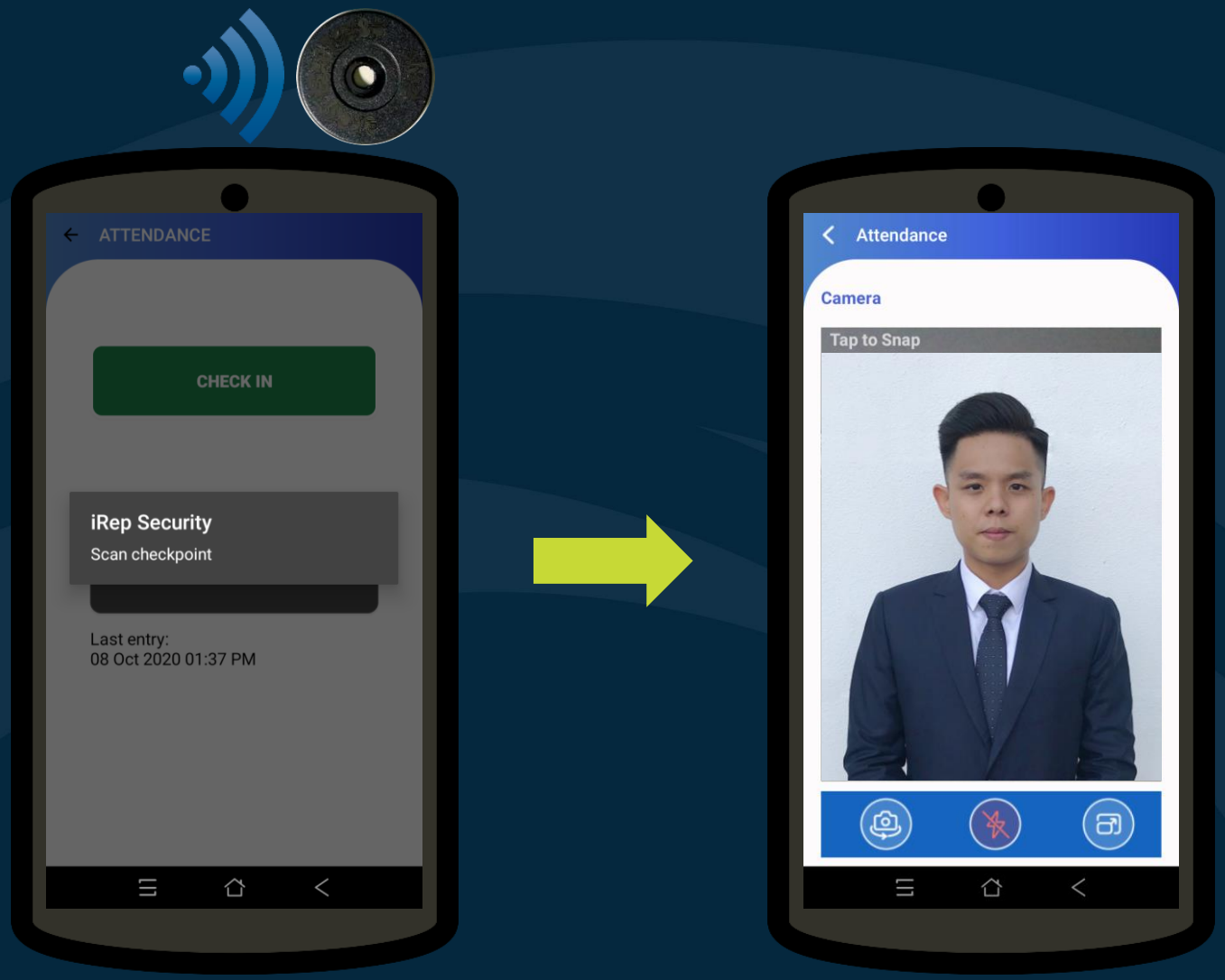


Private & Confidential. Rights reserved by
Gabkotech Innovations Pte Ltd 2020.

GABKOTECH
INNOVATIONS

Attendance

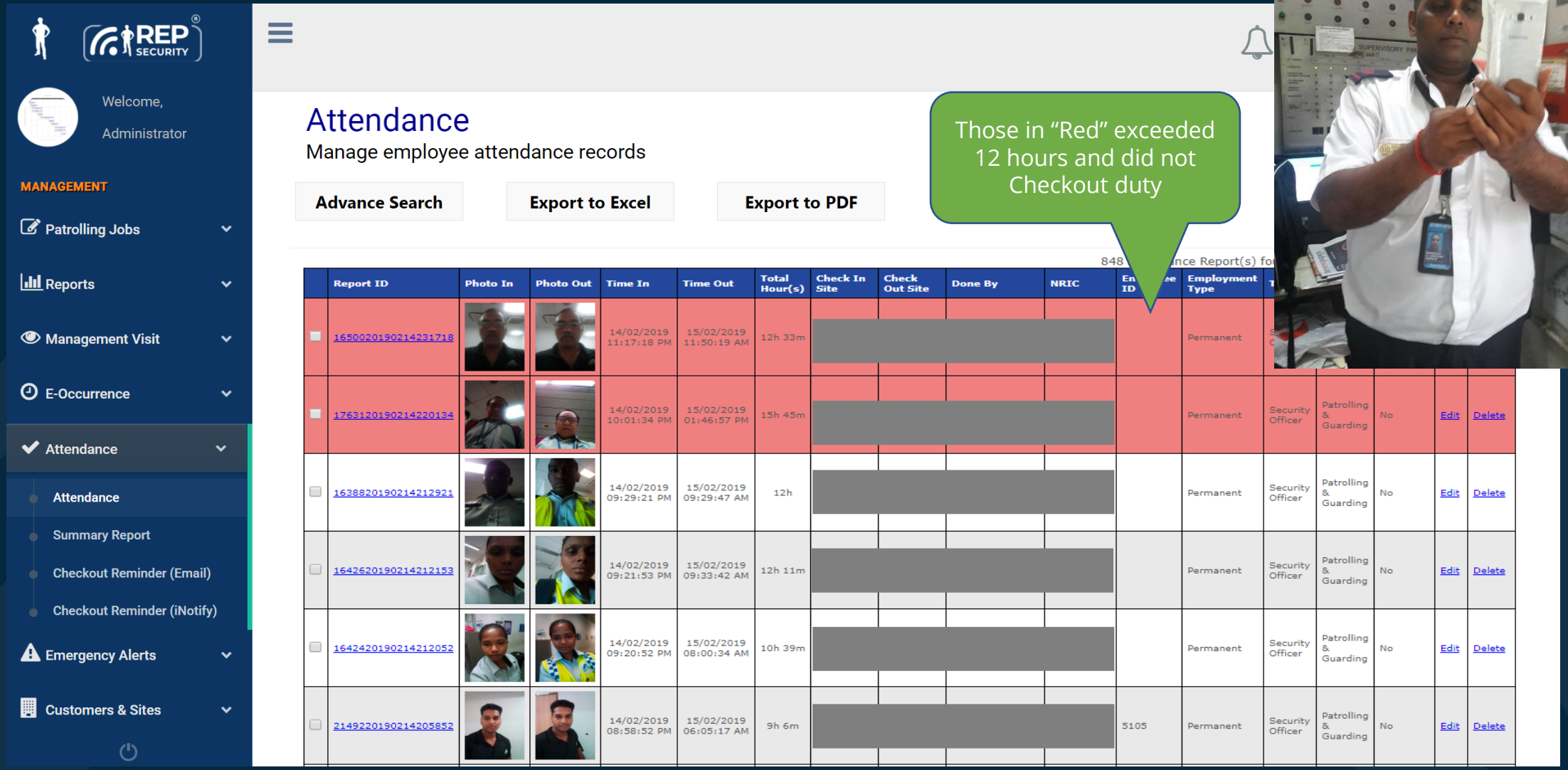
iREP Security App



Private & Confidential. Rights reserved by
Gabkotech Innovations Pte Ltd 2020.

GABKOTECH INNOVATIONS

Attendance (iREP Web Portal)



GABKOTECH
INNOVATIONS

INCIDENT MANAGEMENT

iREP Security System

GABKOTECH INNOVATIONS

SIMPLE BUILDING SOLUTIONS

INCIDENT REPORT

REP SECURITY

GABKOTECH INNOVATIONS

Features & Benefits

Features

- Cloud-based Incident Management report tool
- Complete solutions for digital report, easier to manage, analyze, track and share with your team/clients
- Enhanced features with time-stamped photos, audio, and GPS locations
- Stakeholders will be automatically notified when incident and activity reports are created, modified or completed
- Generate daily, weekly, monthly data reports

Benefits

- Time savings for managers, security officers, and clients reporting
- Improve Communications among all levels
- Monitor KPIs and identify trends of past incidents
- Maintain authenticity and track status of incident reports
- Initiate and monitor corrective actions

SG:D | SMEs GO DIGITAL
PRE-APPROVED

Supported By:

INFOCOMM MEDIA DEVELOPMENT AUTHORITY

Private & Confidential. Rights reserved by
Gabkotech Innovations Pte Ltd 2020.

GABKOTECH INNOVATIONS

Incident Management

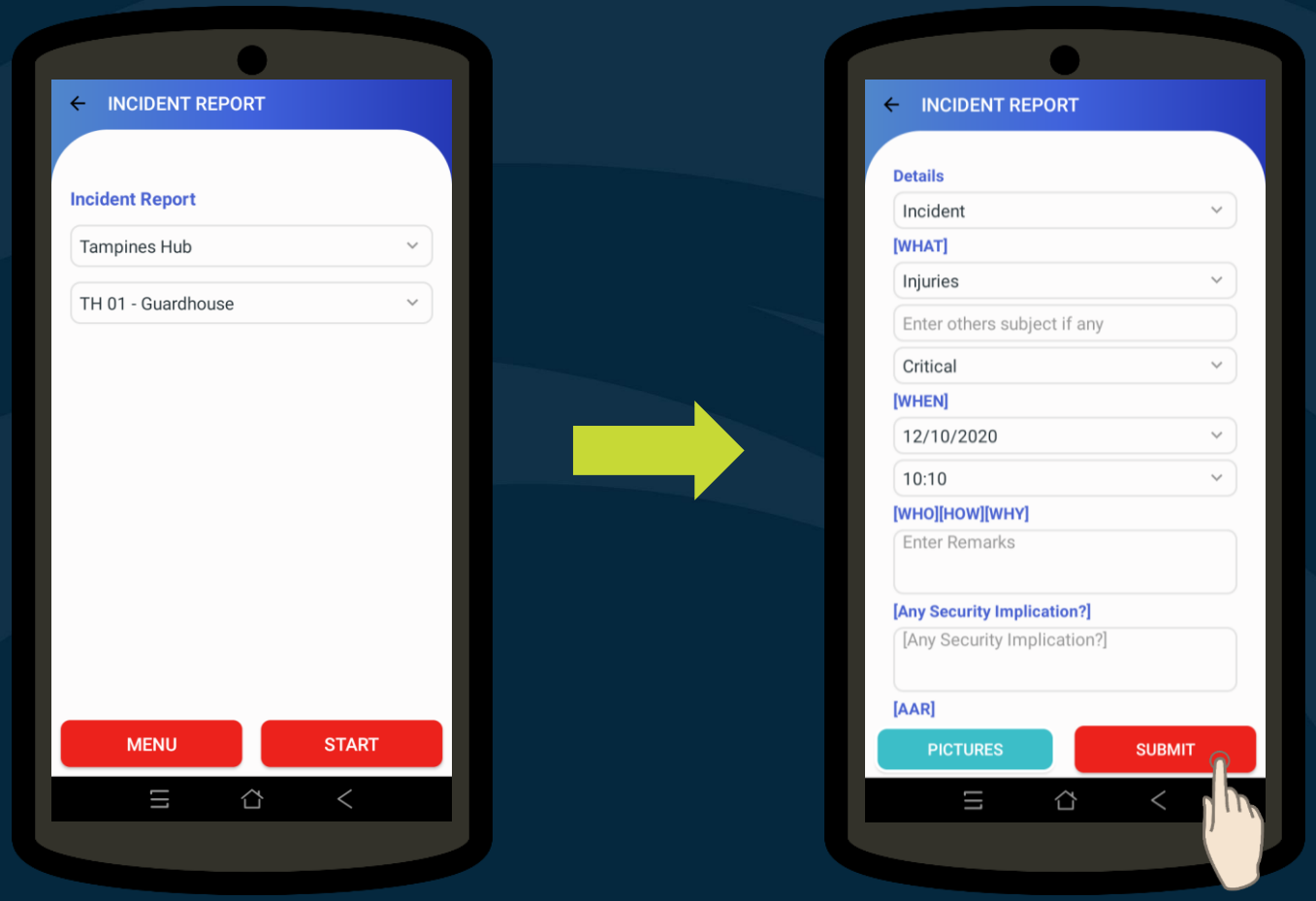
iREP Security App

Private & Confidential. Rights reserved by
Gabkotech Innovations Pte Ltd 2020.

GABKOTECH INNOVATIONS

Incident Management

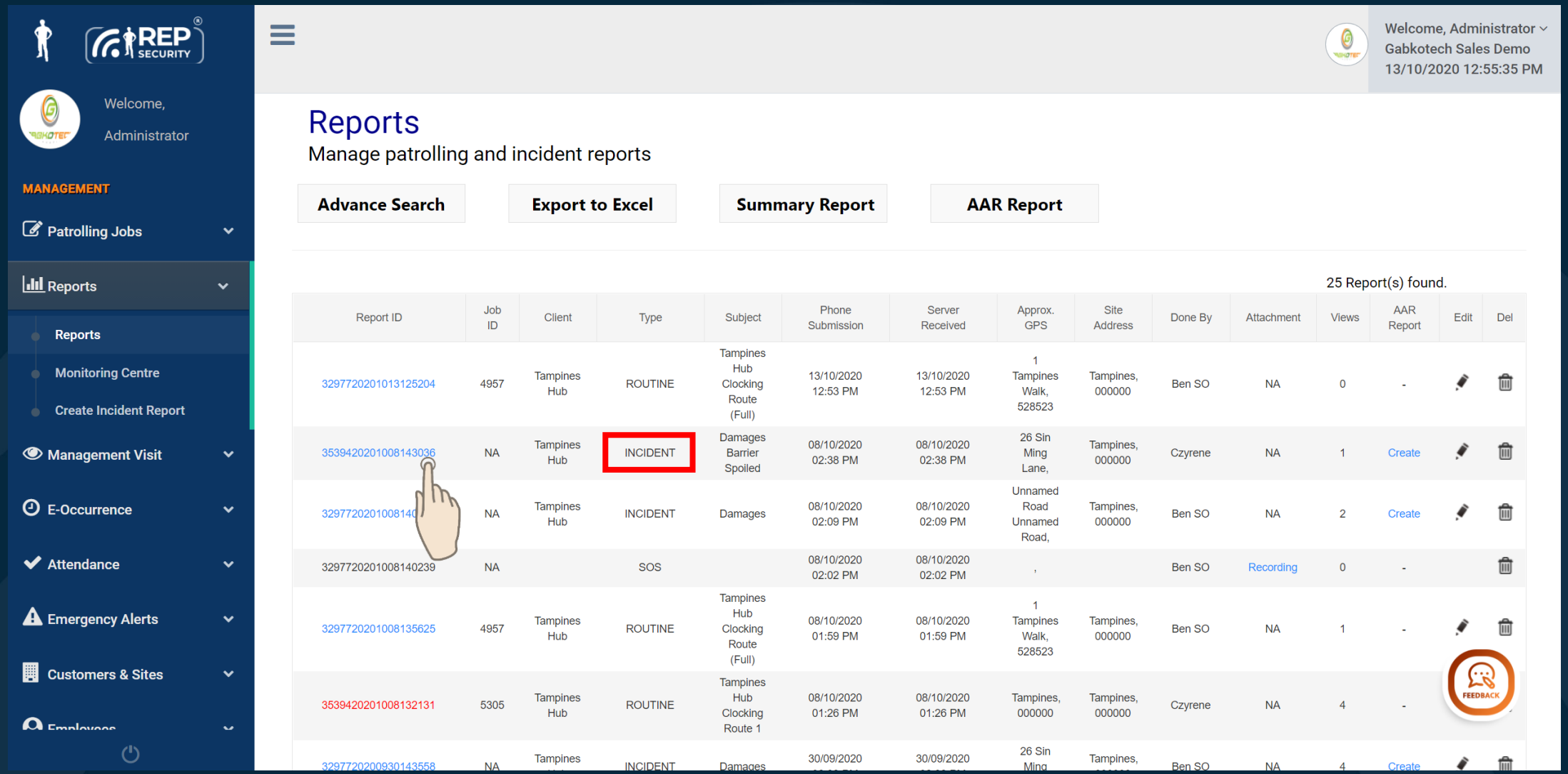
iREP Security App



Private & Confidential. Rights reserved by
Gabkotech Innovations Pte Ltd 2020.

GABKOTECH INNOVATIONS

Incident Management (iREP Web Portal)



Private & Confidential. Rights reserved by
Gabkotech Innovations Pte Ltd 2020.

GABKOTECH INNOVATIONS

Incident Management (iREP Web Portal)

iREP Security Service Report

1401420190301140159

[WHERE] Client

[redacted]

Report Start Time	Report Submit Time	Report Server Receive Time	Total Spend Time
01/03/2019 02:11 PM	01/03/2019 02:11 PM	01/03/2019 02:11 PM	1m

Details

Report Type	INCIDENT
[WHAT]Subject	Others : Woman Fainted and fell
Severity	Non-Critical
[WHEN]Date Occurred	16/01/2019 02:20 PM
Site	
GPS Address	33 Sengkang West Ave, 797653
Photo	
[WHO][HOW][WHY]Report Remarks	Name of informant: RAYMOND HENG (NTUC INHOUSE) - contact: [redacted] Name of person involved: MDM JENNY TAN AGE:55 YRS DAUGHTER MISS JEN [redacted] Summary of incident: On the mentioned date & time, Mr. Raymond Heng NTUC Inhouse Security, came to FCC to inform about an incident that occurred inside NTUC Finest, a woman had fainted and fell on to the floor. Mr. Raymond requested FCC help direct paramedics to the scene upon arrival. At 1430hrs, ambulance arrived with paramedics SGT Akmal (PA333, SJX659K) and escorted by officer Steve Tan to the scene. After treated the casualty, the ambulance left the scene with the casualty at 1448hr to Sengkang General Hospital. Investigation / Findings: Reason unknown for the woman to faint. Follow up action: Nil Is there any security implication due to this incident: Nil Incident reported by: Omar site supervisor Report date: 16 Jan 2019 There is no further action required. Incident status is closed
[WHO]Submitted By	[redacted]

End of Report....

GABKOTECH
INNOVATIONS

CLOCKING & PATROLLING

iREP Security System

GABKOTECH INNOVATIONS

Features & Benefits

Features

- Cloud-based Guard Management System
- Utilizes Smartphone with NFC technology for Patrolling jobs
- Improve the way Security Officers handle and report guard tour activities straight from smartphones
- Generate daily, weekly, monthly data reports

Benefits

- Easy to Use and Deploy
- Missing point can be detected easily
- Reliability: Real-Time report cannot be tampered with
- Real-Time Access: Can be accessed anytime anywhere

SIMPLE BUILDING SOLUTIONS

CLOCKING AND PATROLLING

REP SECURITY

GABKOTECH INNOVATIONS

SG:D | SMEs GO DIGITAL
PRE-APPROVED

Supported By:

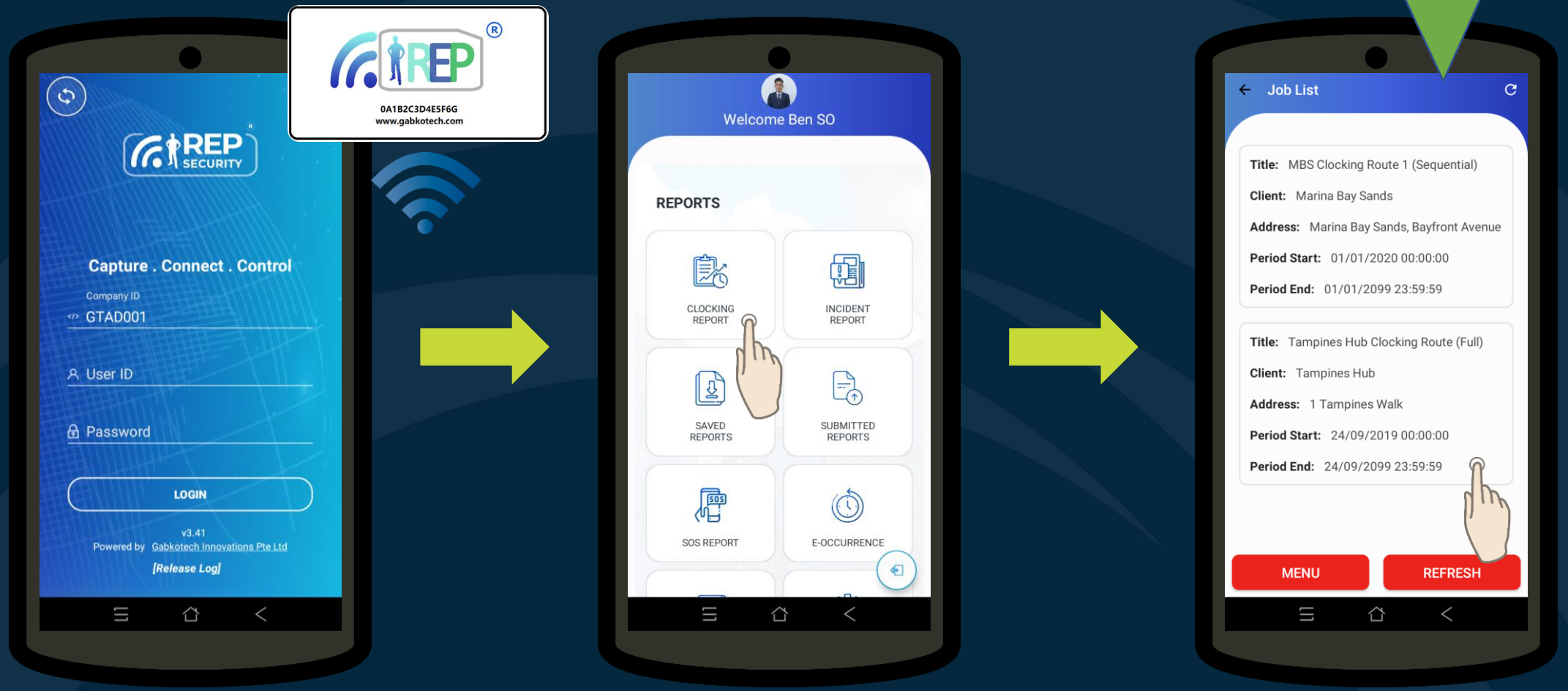
INFOCOMM MEDIA DEVELOPMENT AUTHORITY

Private & Confidential. Rights reserved by
Gabkotech Innovations Pte Ltd 2020.

GABKOTECH INNOVATIONS

Clocking

iREP Security App



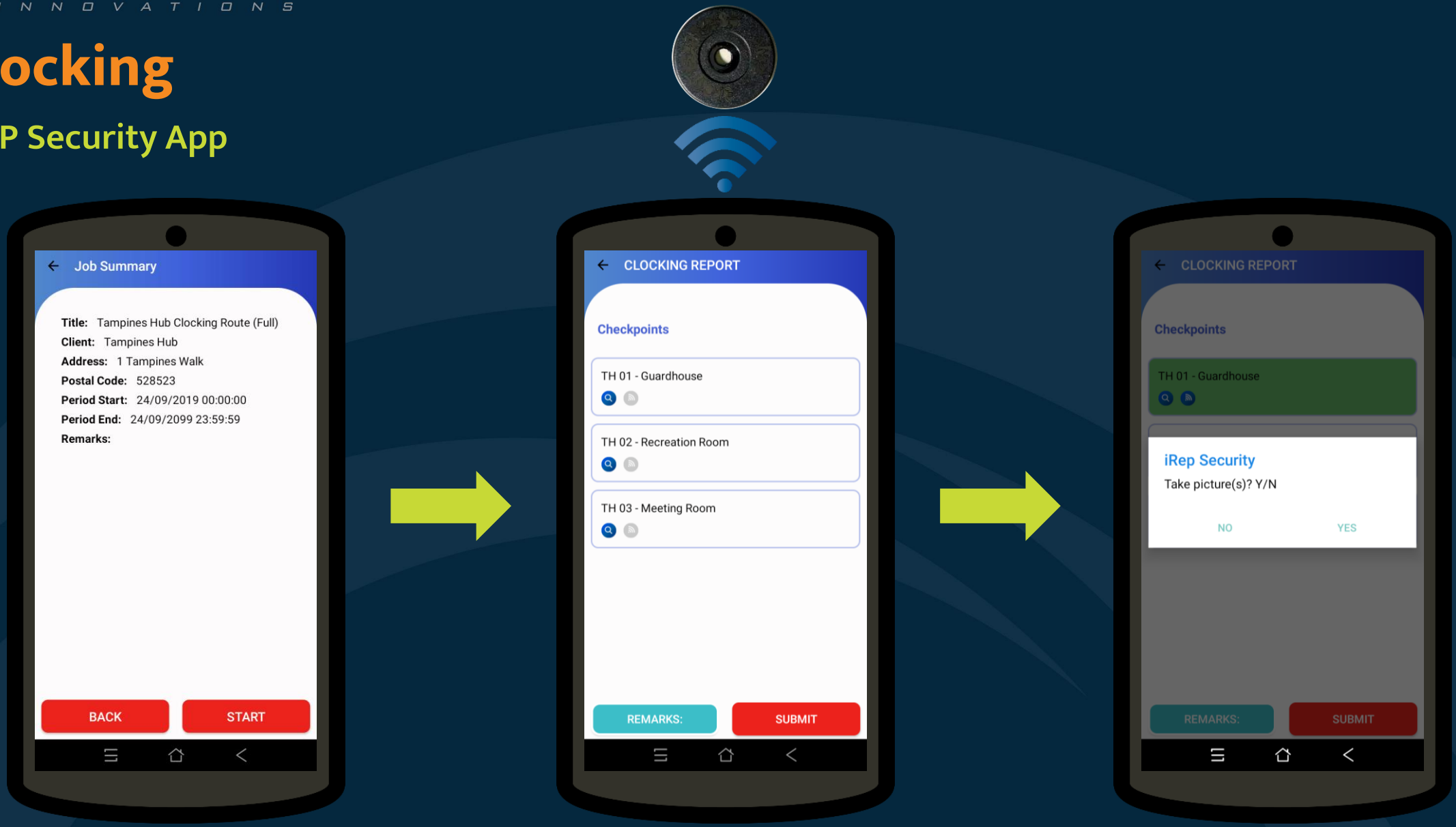
Multiple Patrol Job Lists can be created and will be shown here

Private & Confidential. Rights reserved by
Gabkotech Innovations Pte Ltd 2020.

GABKOTECH INNOVATIONS

Clocking

iREP Security App

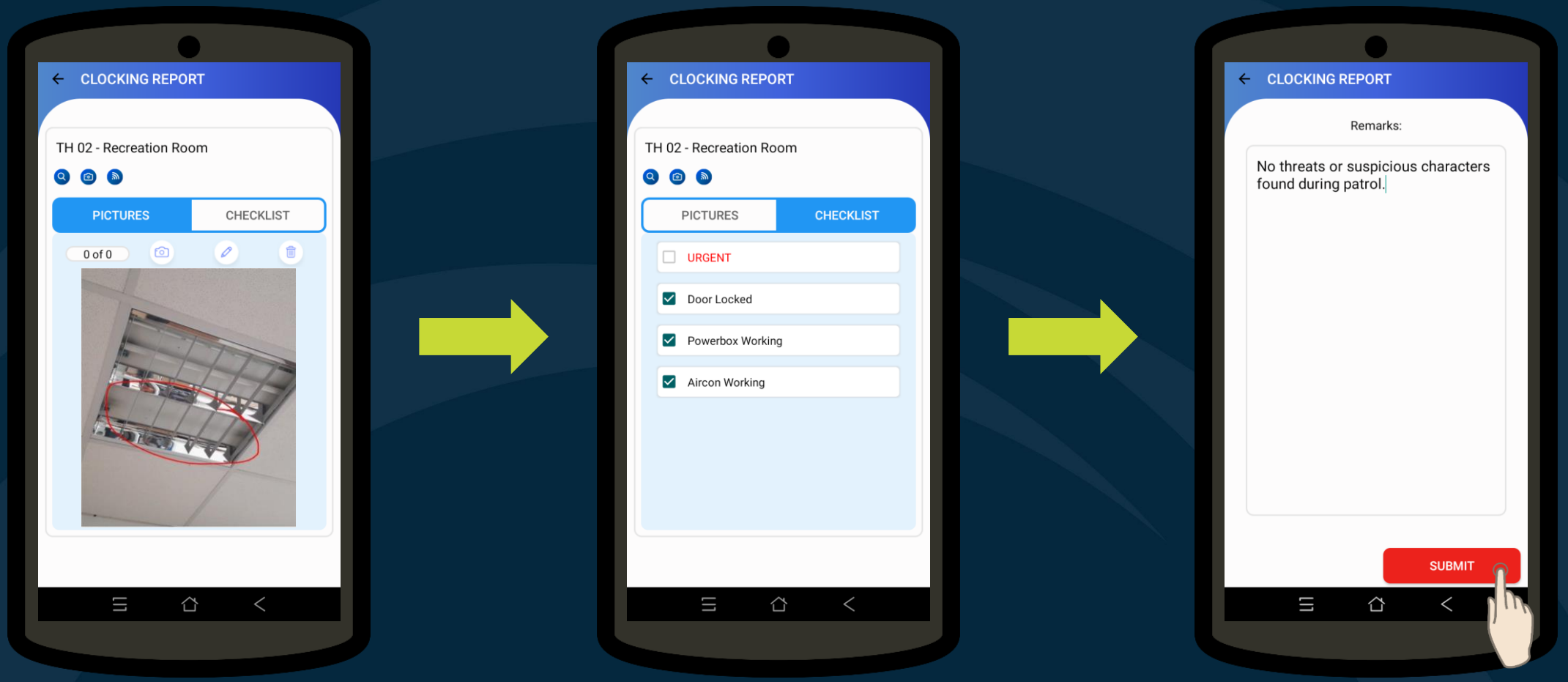


Private & Confidential. Rights reserved by
Gabkotech Innovations Pte Ltd 2020.

GABKOTECH INNOVATIONS

Clocking

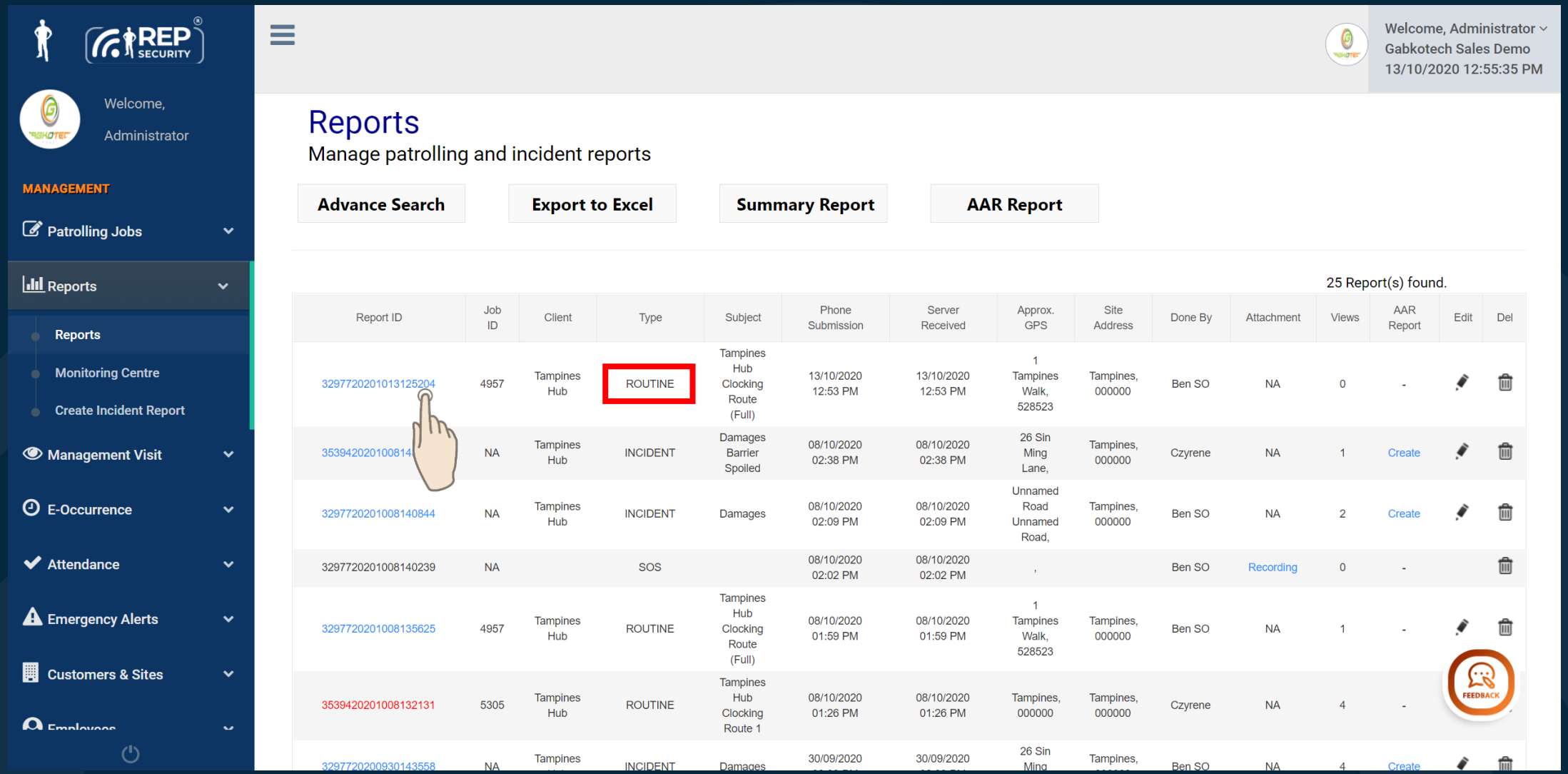
iREP Security App



Private & Confidential. Rights reserved by
Gabkotech Innovations Pte Ltd 2020.

GABKOTECH INNOVATIONS

Clocking (iREP Web Portal)



Private & Confidential. Rights reserved by
Gabkotech Innovations Pte Ltd 2020.

GABKOTECH INNOVATIONS

Clocking (iREP Web Portal)

iREP Security Service Report

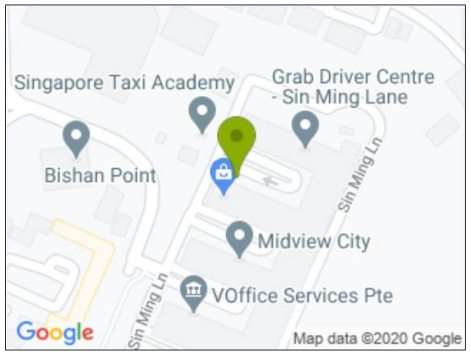
3297720201013125204

Client

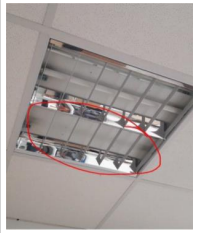
Tampines Hub
Tampines, 000000

Report Start Time	Report Submit Time	Report Server Receive Time	Total Spend Time
13/10/2020 12:52 PM	13/10/2020 12:53 PM	13/10/2020 12:53 PM	1m

Details

Report Type	ROUTINE
Job Title	Tampines Hub Clocking Route (Full)
GPS Address	1 Tampines Walk, 528523
Map	
Report Remarks	No threats or suspicious characters found during patrol.
Submitted By	Ben SO (Security Officer)

Scanned Checkpoints (Total Steps: 2)

Seq	Checkpoint	Scanned Time	Remarks	Map	Step Count	Distance (m)
1	TH 01 - GUARDHOUSE	Tuesday, October 13, 2020, 12:52:07 PM		Map	0	0 meters
2	TH 02 - RECREATION ROOM	Tuesday, October 13, 2020, 12:52:52 PM	DOOR LOCKED, POWERBOX WORKING, AIRCON WORKING	Map	1	0.3 meters
						
3	TH 03 - MEETING ROOM	Tuesday, October 13, 2020, 12:52:59 PM		Map	1	0.3 meters

End of Report....

GABKOTECH
INNOVATIONS

EMERGENCY ALERT

iREP Security System

GABKOTECH INNOVATIONS

SIMPLE BUILDING SOLUTIONS

EMERGENCY ALERT

REP SECURITY
GABKOTECH INNOVATIONS

Features & Benefits

Features

- Automated process of notification alerts
- Multiple-channel communication to send essential information to stakeholders
- SMS, Email, iNotify App

Benefits

- Improve Communications among stakeholders
- Common view allows officials to determine the entirety of incident's scope and maintain contact with personnel
- Faster response time to incident through emergency alert broadcast
- Information related in a timely manner so that proper preparation can be done

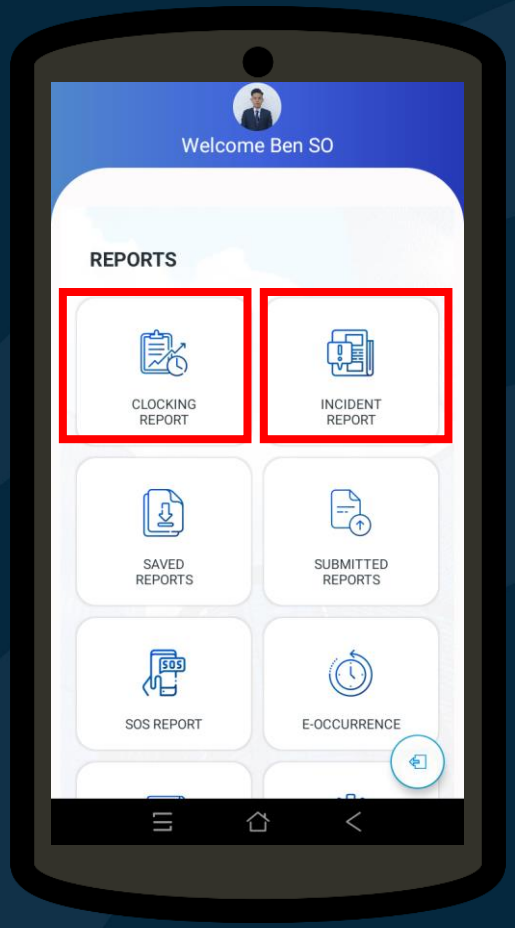
Private & Confidential. Rights reserved by
Gabkotech Innovations Pte Ltd 2020.

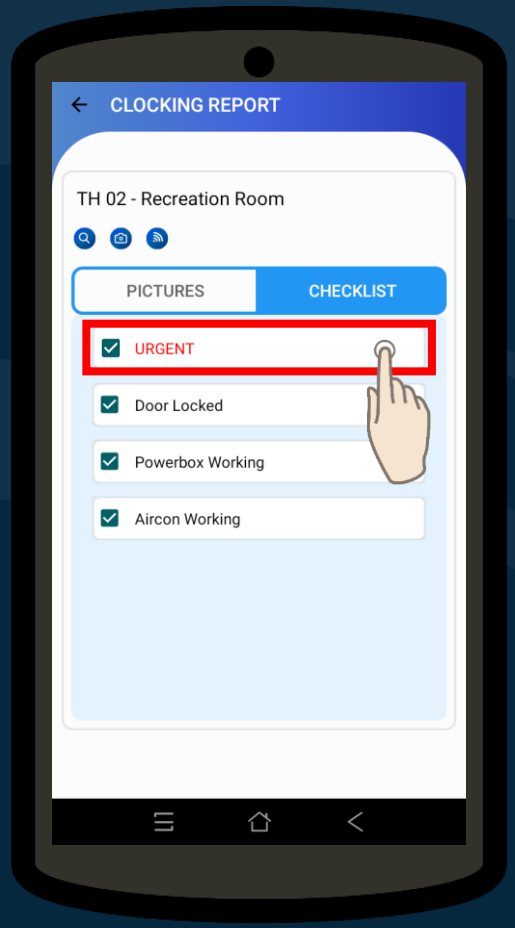
GABKOTECH INNOVATIONS

Emergency Alert

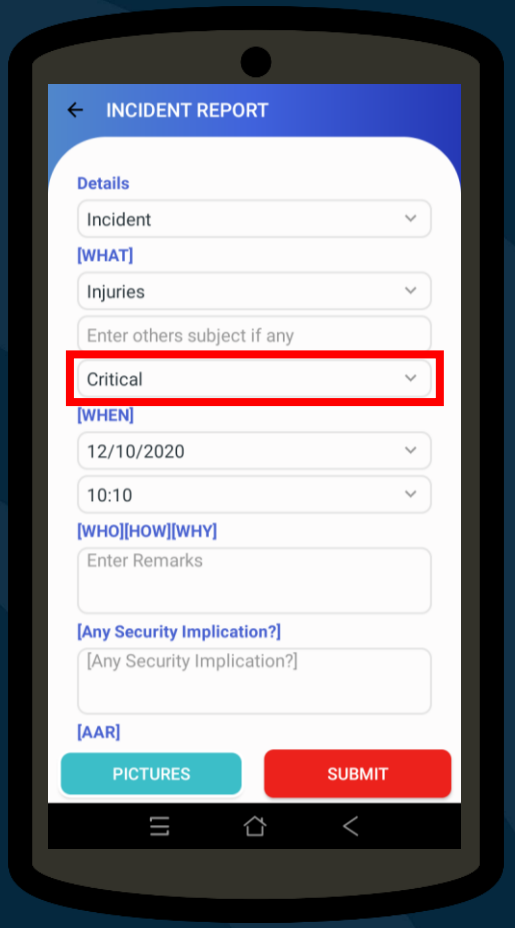
iREP Security App

E-Alerts can be sent via 2 methods through "Clocking or Incident Report"





OR

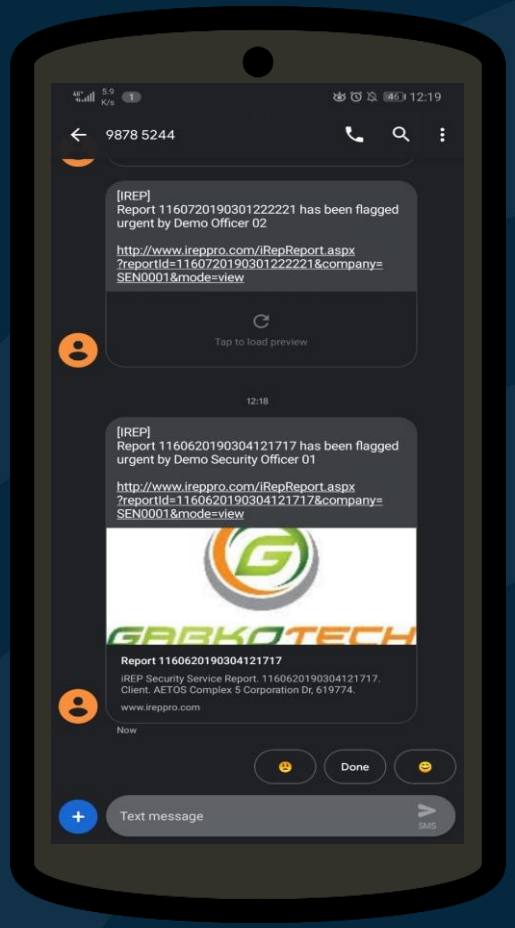


Private & Confidential. Rights reserved by
Gabkotech Innovations Pte Ltd 2020.

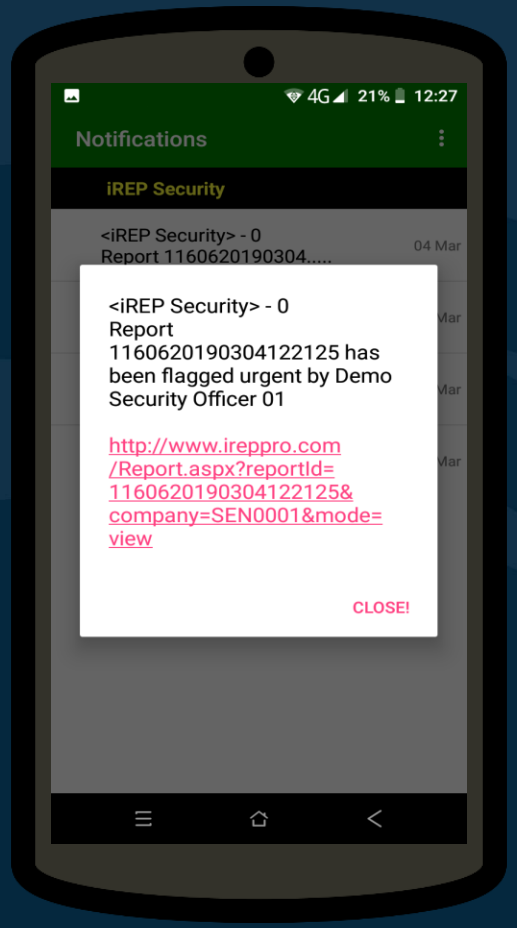
GABKOTECH
INNOVATIONS

Emergency Alert

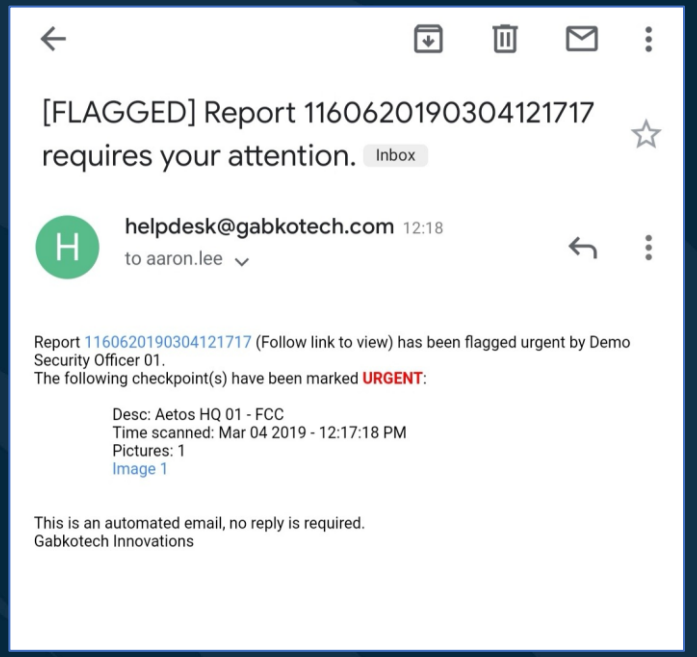
SMS Alerts



iNotify App Alerts



Email Alerts



GABKOTECH
INNOVATIONS

REP SECURITY®

PRICING & GRANTS

GABKOTECH INNOVATIONS

iREP Visitor Management System Package

Salesperson	Job	Payment Terms	Due Date
Name of Sales Person	iREP Security System Version 3 : (Visitor Management System) Package 4	100% Full Payment	

	Standard Digital Solution (i.e Minimum items to be purchased)	Unit Cost (S$)	Quantity/ Man-Day	Subtotal (S$)
	Packaged 4:			
1.	**Software**			
a.	iREP Security Web and Mobile Platform unlimited users – Visitor Management System (VMS)	5000 per license	1	5000
2.	**Hardware**			
a.	Integrated Label Printer with labels and ribbon supplies	1500 per devices	1	1500
b.	Visitor Entry Smart Tablet or Notebook i5 8GB 256 SSD HD or equivalent	1000 per devices	1	1000
c.	Barcode Scanner	280 per devices	1	280
3.	**Professional Services**			
	Consultancy / Setup / Configuration			
a.	Requirements Gathering and System Design	550 per manday	2	1100
b.	Platform and Mobile Configuration	550 per manday	2	1100
c.	Testing and Evaluation	550 per manday	1	550
d.	Site Survey Prior Installation	550 per manday	1	550
e.	Visitor/Contractor/Other Passes Management and Setup	550 per manday	1	550
f.	Phone Support (Mon-Friday 9.30am to 6.30pm) Exclude Sat, Sun and PH	Inclusive	Inclusive	Inclusive
4.	**Training**			
a.	Office Back-end Users and Onsite Training (4hours)	125 per session	2	250
5.	**Online Services**			
a.	iREP Security Application Sever Subscription	120 per month	12	1440
6.	**Others**			
a.	SMS Alert (SMS Charge Apply)			
	Total Package Cost (to be used as the "Minimum Cost of Package")			**$13320**

*Package is based on IMDA's pre-approved PSG Technology Solution

- Supported by Funding@Tech-and-GO!
- Up to 80% grant capped at $30,000 per SSA
- Module License Include:
  - Visitor Management System
- Hardware Items Include:
  - Label Printer
  - Smart Tablet or Laptop
  - Barcode Scanner
- Additional Hardware add-ons (e.g. Bluetooth Thermometer, Face Temperature Camera) is subject to approval
- Unlimited Users Access
- For more information about Tech-andGO!, Please visit: https://go.gov.sg/tng or contact Pumpkin_Squad@ncss.gov.sg

GABKOTECH INNOVATIONS

iREP Security System Package

Salesperson	Job	Payment Terms	Due Date
	iREP Security System Version 3 : (Mobile Patrol and Incident Management) Package 1	100% Full Payment	

Standard Digital Solution (i.e Minimum items to be purchased)		Unit Cost (S$)	Quantity/ Man-Day	Subtotal (S$)
	Package 1:			
1.	**Software**			
a.	iREP Security Web and Mobile Platform unlimited users – Patrolling Module Setup	6000 per license	1	6000
b.	iREP Security Web and Mobile Platform unlimited users – Attendance Module Setup	5500 per license	1	5500
c.	iREP Security Web and Mobile Platform unlimited users –Incident Management Module Setup	5000 per license	1	5000
d.	iREP Security Web and Mobile Platform unlimited users – Emergency Alert Module Setup	3000 per license	1	3000
2.	**Hardware**			
a.	NFC (Near Field Communications) Tag Outdoors	2.50 per piece	20	Inclusive
b.	NFC Attendance/Visitor Entry Cards	2.50 per piece	20	Inclusive
3.	**Professional Services**			
	Consultancy / Setup / Configuration			
a.	Requirements Gathering and System Design	550 per manday	2	1100
b.	Platform and Mobile Configuration	550 per manday	2	1100
c.	Testing and Evaluation	550 per manday	1	550
d.	Phone Support (Mon-Friday 9.30am to 6.30pm) Exclude Sat, Sun and PH	Inclusive	Inclusive	Inclusive
4.	**Training**			
a.	Office Back-end Users and Onsite Training (4hours)	125 per session	2	250
5.	**Online Services**			
a.	iREP Security Application Server Subscription	120 per month	24	Inclusive
6.	**Others**			
a.	SMS Alert (SMS Charge Apply)			
	Total Package Cost (to be used as the "Minimum Cost of Package")			**$22500**

*Package is based on IMDA's pre-approved PSG Technology Solution

- Supported by Funding@Tech-and-GO!
- Up to 80% grant capped at $30,000 per SSA
- Module Licenses Include:
  - Clocking & Patrolling
  - Attendance
  - Incident Management
  - Emergency Alert
- Unlimited Users Access
- For more information about Tech-andGO!, Please visit: https://go.gov.sg/tng or contact Pumpkin_Squad@ncss.gov.sg

GABKOTECH
INNOVATIONS

GABKOTECH INNOVATIONS (SINGAPORE)

26 Sin Ming Lane #05-127/117
Midview City, Singapore 573971

Tele +65 6684 4419
Helpdesk +65 9452 8016
Email info@gabkotech.com

Business Consultant
Benjamin Bay +65 91505880
Email ben.bay@gabkotech.com

www.gabkotech.com

GABKOTECH
INNOVATIONS

Thank You

Operating Smart Buildings Together