A background graphic featuring a network of light blue lines and nodes, resembling a digital or security network, set against a dark blue gradient. The nodes are small circles, some of which are highlighted with a glowing effect.

Building Management Security System and Solution

Overview

Building Management Security System and Solutions aims to achieve the following outcome:

1. Enhance Overall Security of the premises
2. Improve efficiency and productivity of building management and security operation

Solutions and Systems

1. Visitor Management System - VMS (Core Module)

- Central system that captures and records visitor, vehicle and facility booking details accurately and systematically; so as to facilitate ease of future referencing and post review.

2. Facility Access Management System (Add-on Module)

- Enables remote controlling of access to facilities without physical site visit by any personnel

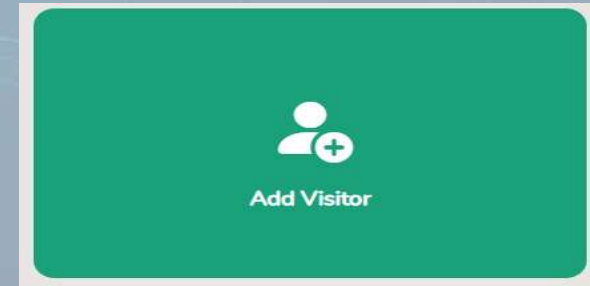
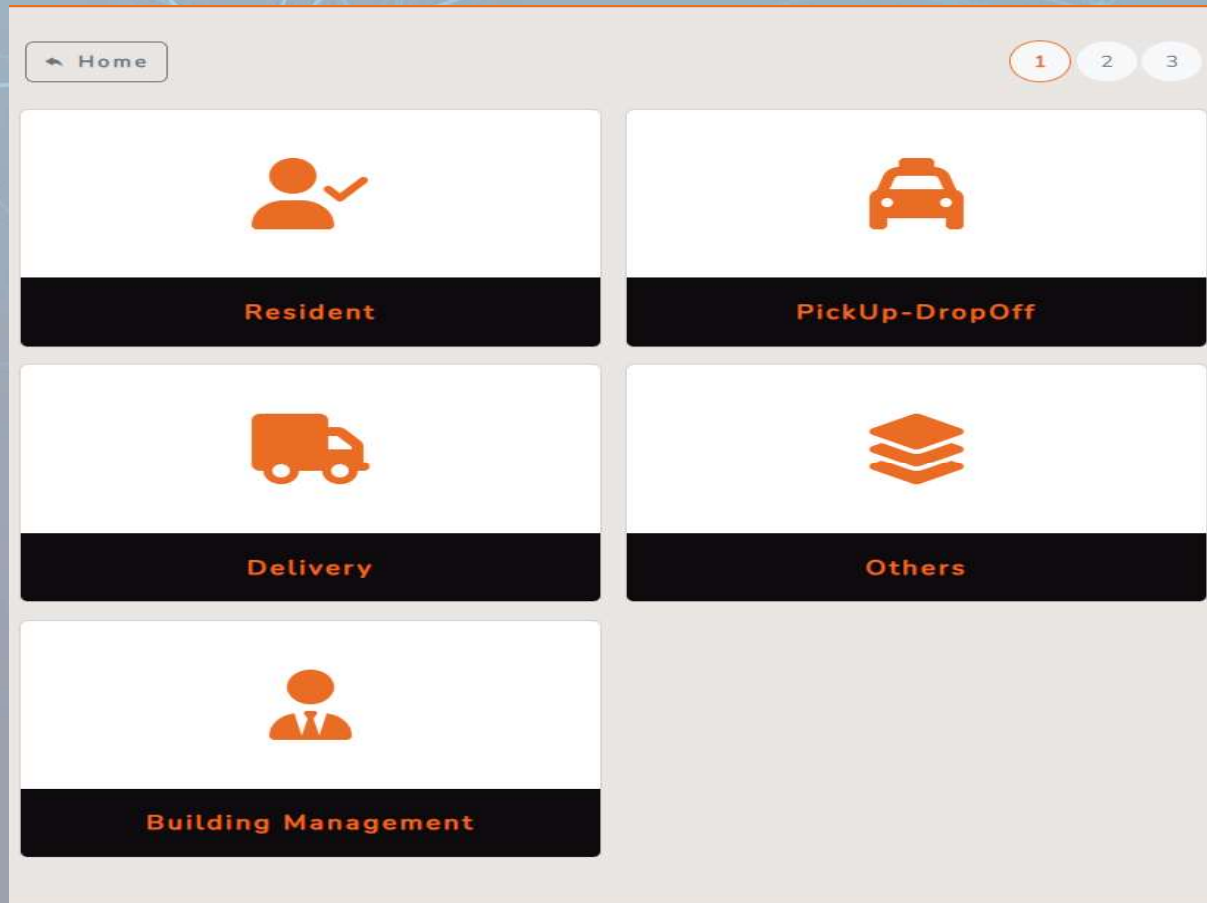
3. Unmanned Vehicle Access System (Add-on Module)

- Enables remote controlling of vehicle entry access to premise without deploying manpower onsite

4. Virtual Patrolling System (Add-on Module)

- Closed circuit camera configure in a pre-set sequence (patrolling route) coupled with checklist to guide officers on what to look out

Visitor Management System (VMS)



Different types of visiting purpose can be defined within the system

Support License Plate Recognition (LPR) for vehicles entry and exit

Issuance of Contractor Permit / Temporary Parking / Facility Booking

Visitor Management System

22 February 2024 - 22 February 2024

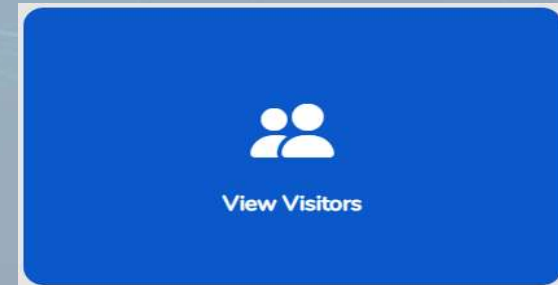
BAB's Visitors Total: 41

Vehicles' In Premise: 25 Check-Out: 0 Walk-In: 16

Status: All Start Date: 22/02/2024 End Date: 22/02/2024

Category: All Input Search: Search . . Search

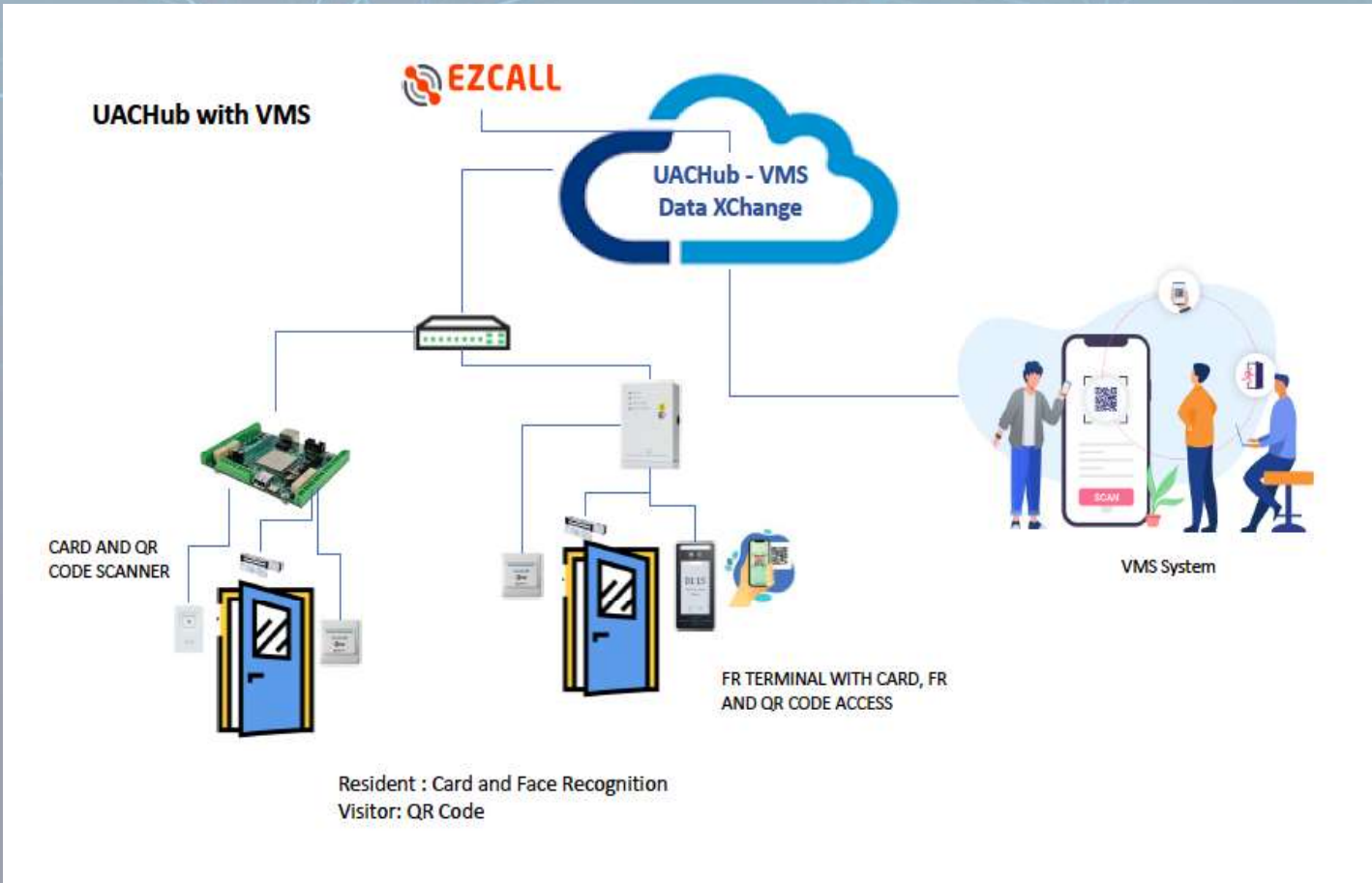
Category	Visitor Name	Contact No.	Block & Unit	Vehicle No.	Checked-In @
Food-Package Delivery	N/A	96755583	Blk 221 #12-02	FBR4860P	2024-Feb-22 16:25:56
Food-Package Delivery	N/A	87934019	Blk 221 #09-01	FBS4515G	2024-Feb-22 16:24:32
Food-Package Delivery	N/A	81599480	Blk 233 #03-32	FBS2930D	2024-Feb-22 16:21:02
Social Visit	MARTIN	94875575	Blk 229 #01-23	WALK-IN	
Food-Package Delivery	N/A	98390951	Blk 237 #15-44	WALK-IN	
Social Visit	SAM	91797026	Blk 221 #04-02	WALK-IN	



Central Dashboard for reviewing visitor and vehicle listing by date.

Overstayers (People/Vehicle) will be automatically flagged up for attention

Facility Access Management System



Facility booking can be done via VMS portal

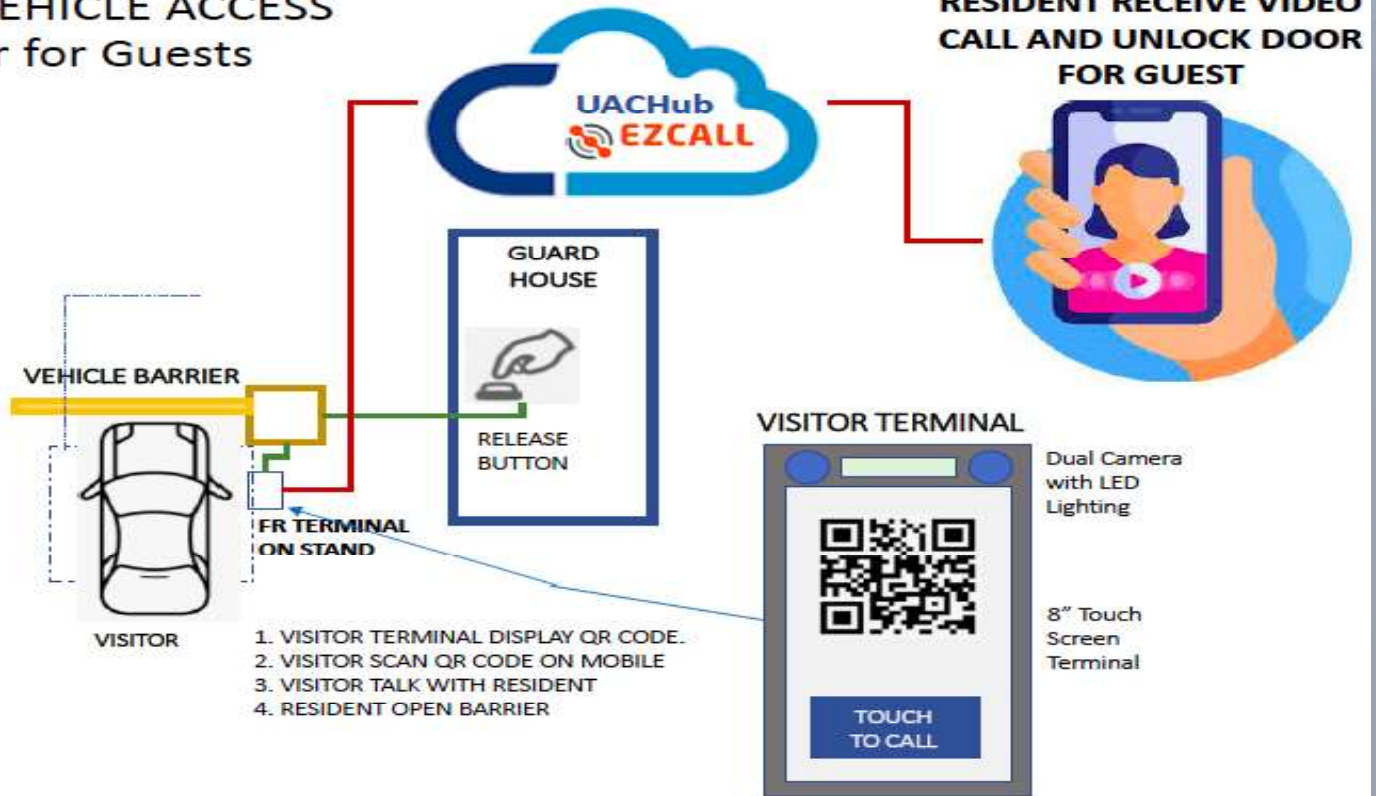
Approved QR code will be issued to the applicant for scanning to gain access at the appointed date and time
OR
via registered Facial Recognition

Unmanned Vehicle Access System – Resident/Tenant

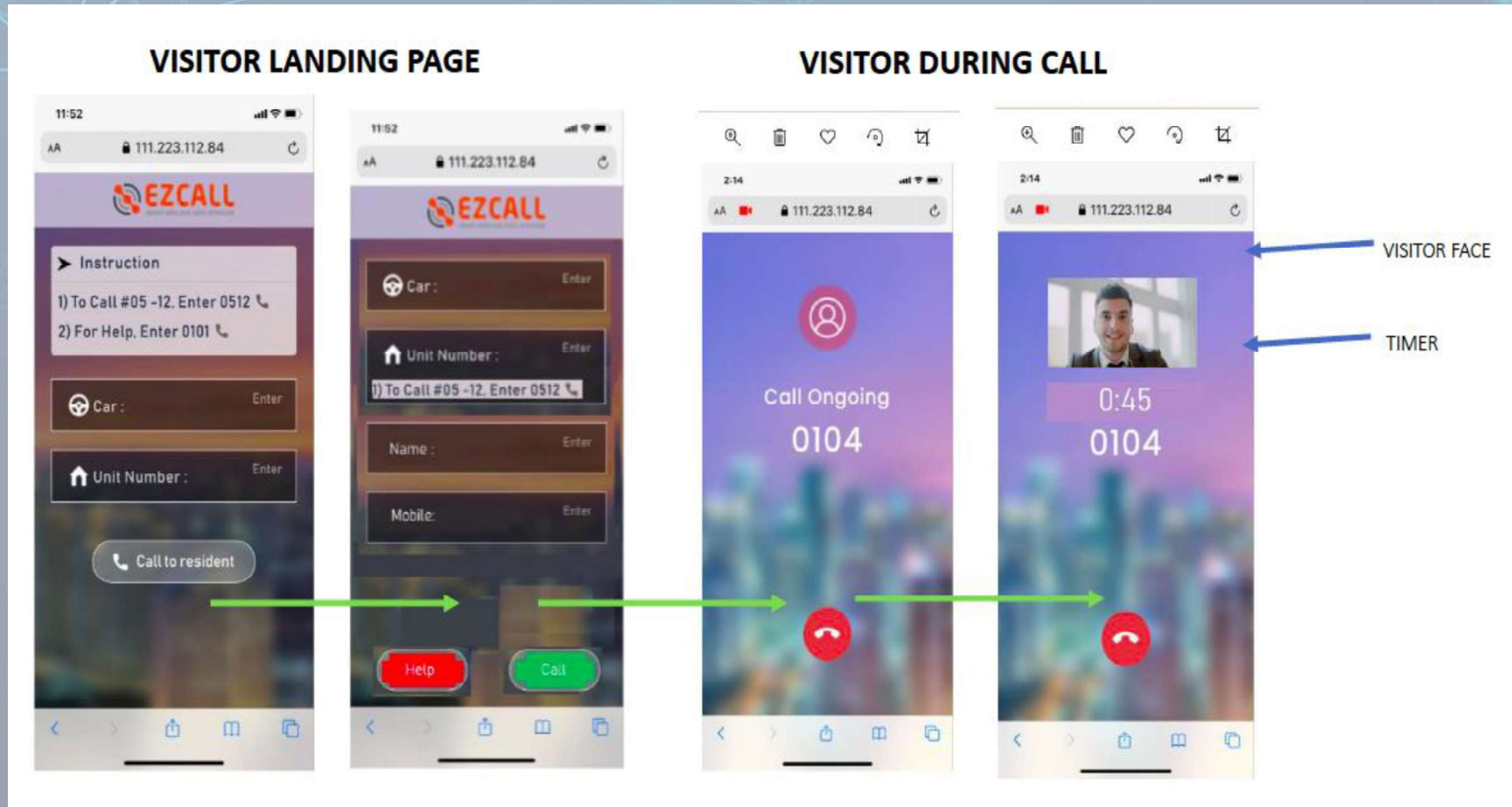
UNMANNED VISITOR VEHICLE ACCESS Resident Unlock Barrier for Guests



**FR TERMINAL
ON STAND**



Unmanned Vehicle Access System – Resident/Tenant



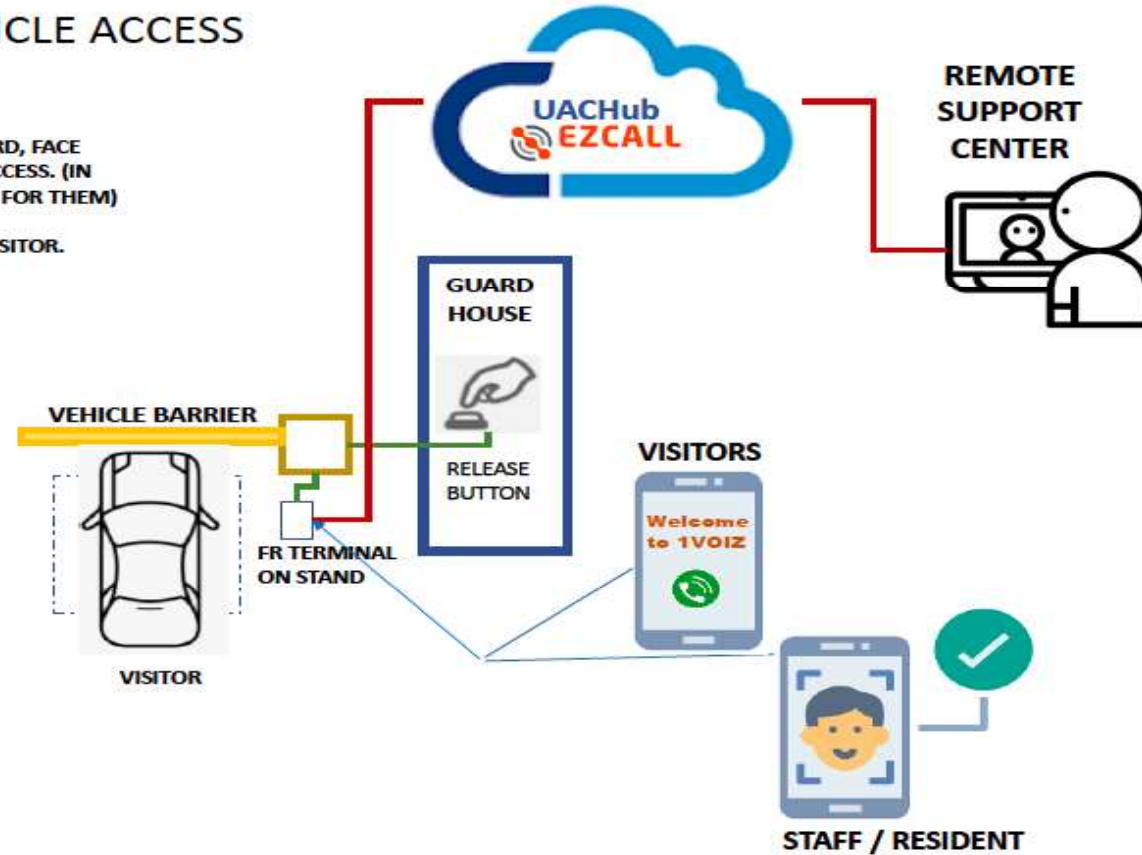
Unmanned Vehicle Access System – Command Centre

UNMANNED VISITOR VEHICLE ACCESS Remote Support Center

1. STAFF/RESIDENT WILL BE USE CONTACTLESS CARD, FACE RECOGNITION AND MOBILE TAP TO OPEN TO ACCESS. (IN PARALLEL WITH THE EXISTING ACCESS METHOD FOR THEM)
2. VISITOR WILL CLICK CALL ON TERMINAL
3. REMOTE SUPPORT CENTER WILL SPEAK WITH VISITOR.
4. REMOTE SUPPORT WILL OPEN BARRIER.



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ON STAND



Virtual Patrolling System

Remote patrolling is a security service that utilizes strategically located cameras to patrol a client's site remotely. The video anomaly detection software involve self-learning the "normal" movement patterns than abnormal movement patterns highlighted in real-time, allowing operators to ignore insignificant incidents, focuses on events that matter, and finally respond to both precursor activities and incidents.

Workflow for Visual Analytics Led Patrol Management



- a. Cameras capture real-time feed and send for analysis to central module
- b. Analytics are used to generate periodic alerts as well as reports
- c. Incidents tracked include loitering, gate left open in the field of view of the camera etc.
- d. VA patrolling can also inform guard and ask for a physical check of the location

Cameras can also capture guard patrolling using facial recognition along with timestamp as additional features it needed.