



Employee Tracking & Automated Attendance Monitoring System

December
2020

Why EYEKON?

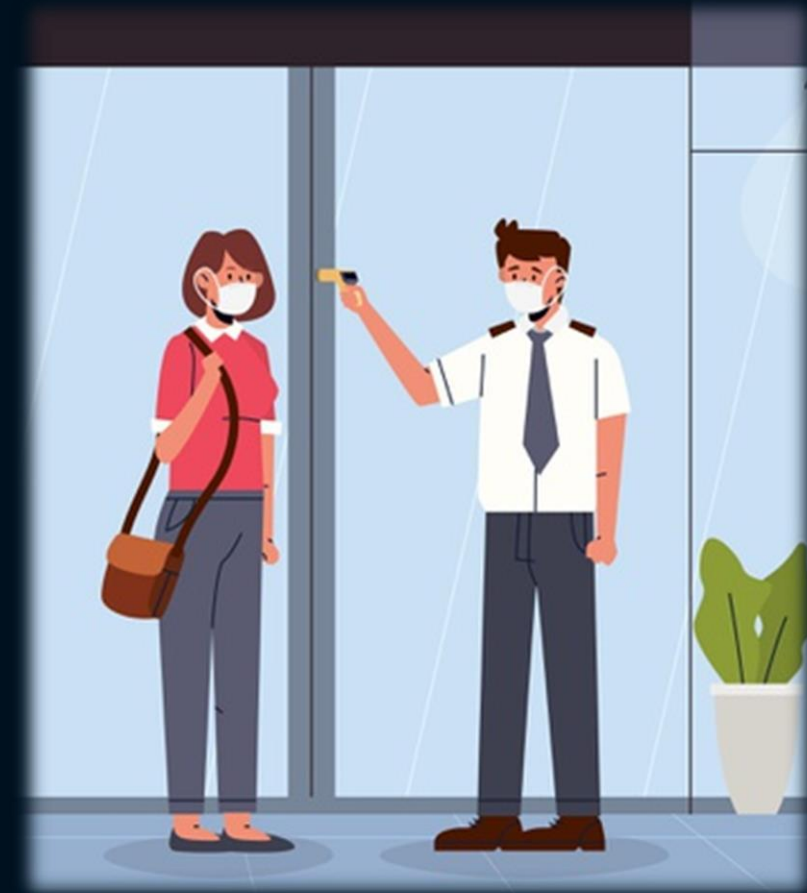
- Fully Automated system
- Swipe-free functionality with state of art Technology
- Unique features like Panic button option on ID card
- Quality Service with On ground support
- Centralized Command Center

Our Offerings

- **Visitor Management System**
 - Employee App
 - Gatekeeper App
 - Admin App
- **Employee Tracking Solution**
 - Home-Office-Home Tracking
 - Women Safety Solution
 - Employee Attendance with Indoor Tracking
- **Asset Tracking Solution**
 - Indoor & Outdoor Asset tracking (IN & OUT alerts)
 - Route optimization (Route and Seat allocation for employees)

Visitor Management System

- Our system is a **Mobile based intelligent security** application used for tracking everyone who enters your office. Security at the Gate/Gate keeper authenticates each visitor with **Body Temperature**, Photo, Name and Mobile number before providing access to the office. A visitor may be a Business vendor, delivery person, cab driver, friends or relatives. Essentially, anyone who is not your office employees is a visitor.
- Our system is used to enhance the safety of your office. It eliminates paper record books and manual tracking of visitors.



What we can Eliminate

- Eliminate Manual Entry
- Reduce the security personnel at the Gate
- Tighten the Security
- Efficiency
- Digitizing and always available records of entry/exits
- Eliminate traditional way of visitor Approval
- Eliminate long wait time for any courier/delivery service personnel



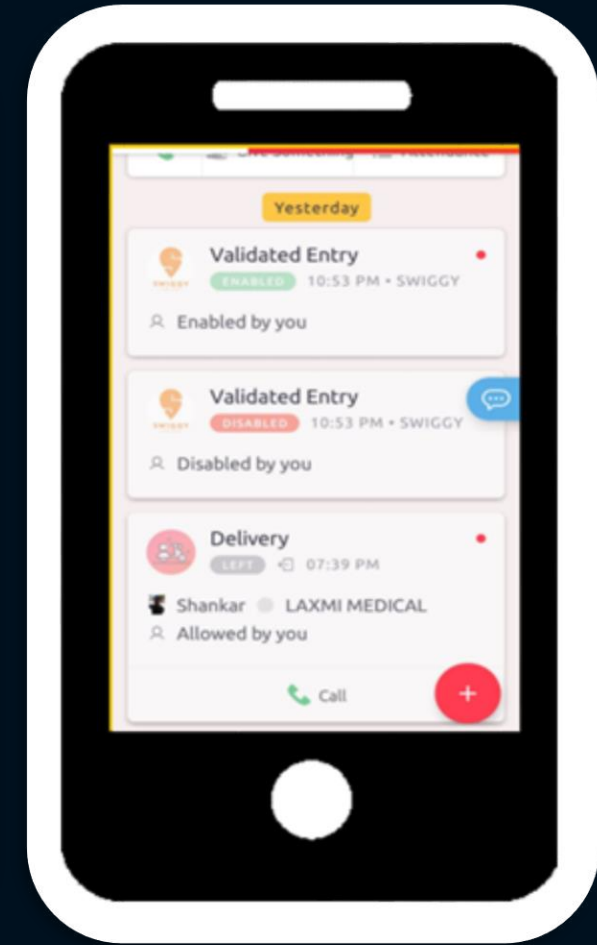
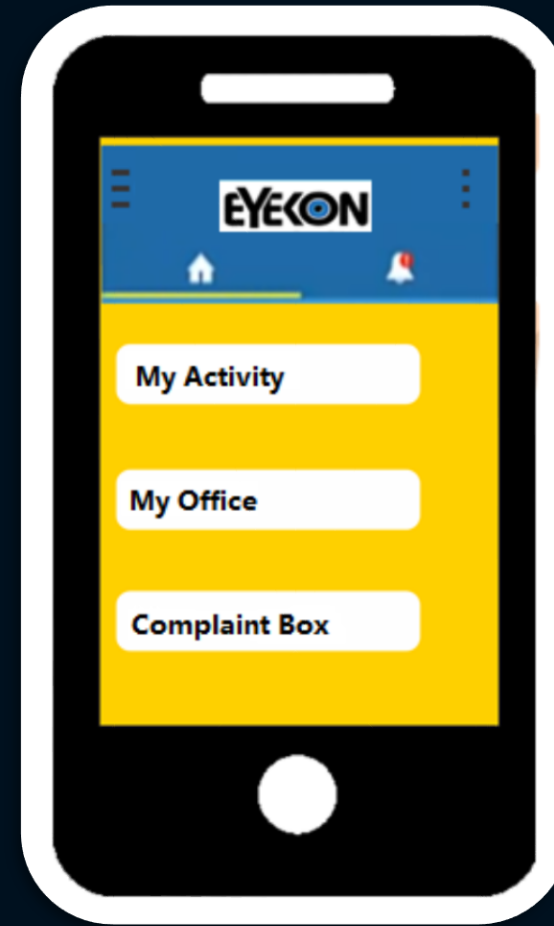
Users

- Employee
- Gate Keeper
- Admin



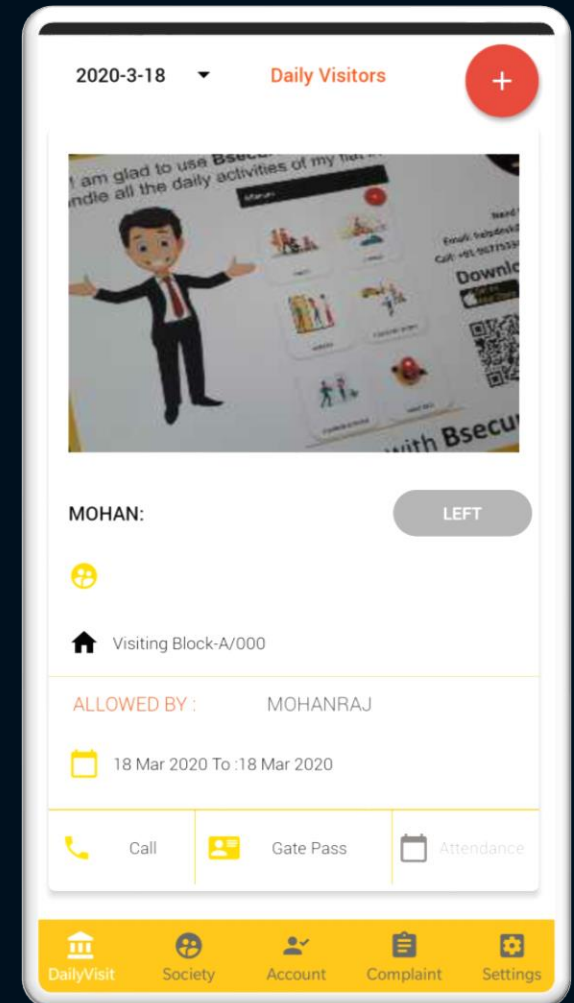
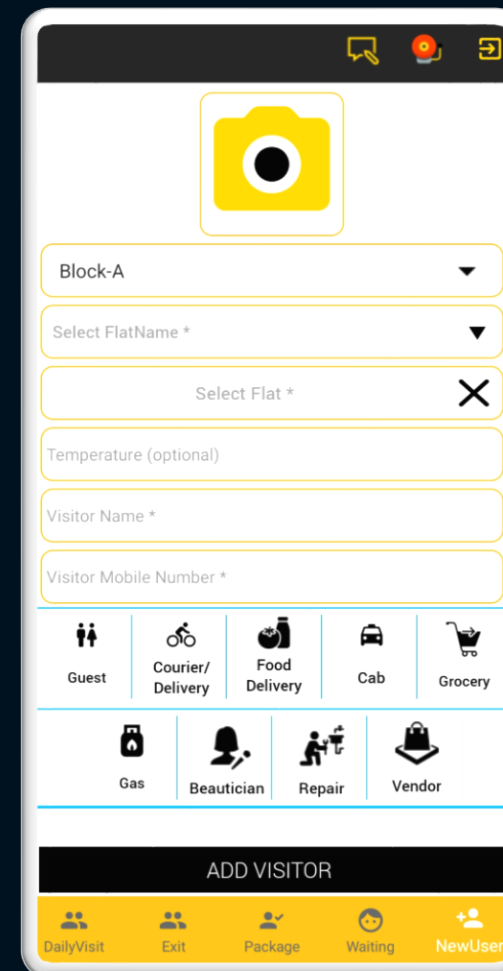
Employee App Features

- **Pre-Invite** guest from mobile App
- Guest will receive an **Unique code** that needs to be shared with Gatekeeper for authentication
- **Delivery Notification:** Option to verify delivery. The options are Allow, Deny and Leave at Gate.
- **Security Alert:** You can send alarm to security if there is any fire, stuck in lift, animal threat or visitor threat.
- **Complaint Box:** Employee can raise a complaint limited to the office such as parking issues, repair, fixes etc. and track them to closure. Raised complaints can be viewed by all the Colleagues.



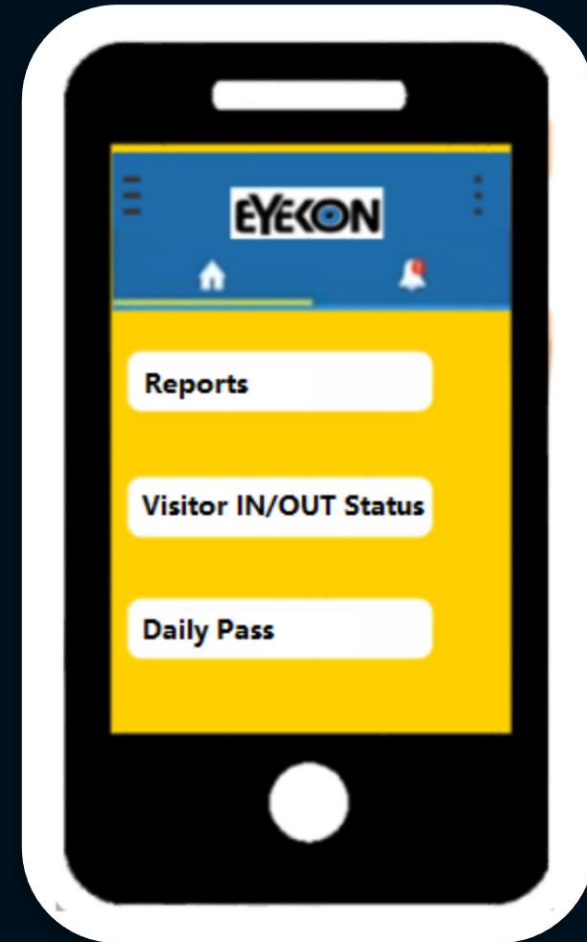
Gatekeeper App Features

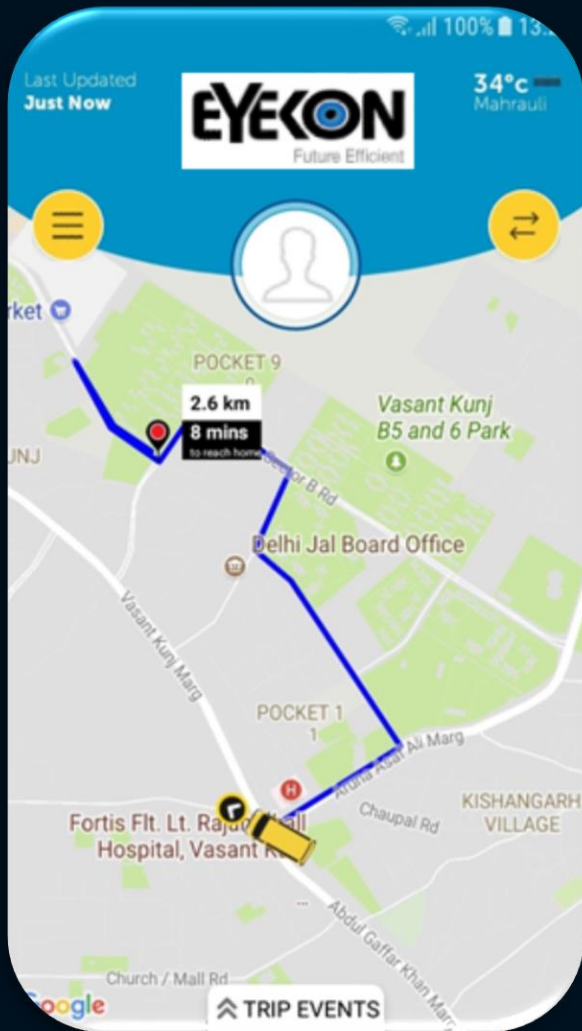
- **Photo Capture** of Individuals or Document/goods at Gate.
- Enter **Body Temperature** of visitor
- **Pass Verification:** Option to verify OTP from visitors.
- **In-Out:** Approving the visitors going inside and outside office gate.
- **Allow Exit** : Allow exit of packages carried away.
- **Add New Visitor:** Add new visitors and assign the visitor type (Guest, Courier boy, Helper etc)



Admin App Features

- **Reports:** Reports of the visitor activity.
- **In-Out Status :** Live access to list of In and Out visitors.
- **Daily Pass :** Assign daily Pass to domestic helpers.

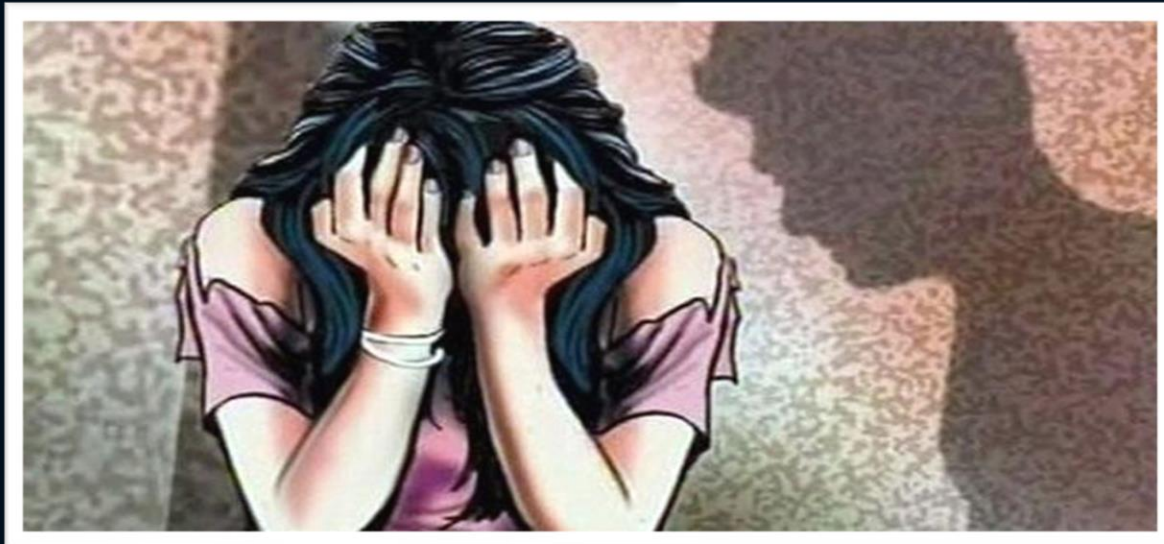




Employee Tracking Solution

Home-Office-Home tracking

- Employee is given Active RFID Tag and Company Vehicle is fitted with our RFID+GPS+GPRS readers
- Real-time Tracking of employee's current location
- Instant notification to employee on Vehicle approaching pickup.
- Live tracking of the vehicle using Mobile app



Women Safety Solution

- Safety while commute has become a challenge for Women employees now a days
- Different time zones, Urban expansion to remote locations and Active nightlife has become major cause for this challenge.
- In our solution, Women Employee is given Active RFID Tag with **Panic button** option
- In emergency situation, employee can hold the Panic Button continuously for 5 Second. Then our device will immediately identify and trigger the information to **SOS** (Transport Command Center, Nearest Police Patrol Vehicle and Parents/dear ones)
- The system will trigger an alert immediately with Name of the Employee/Driver, Location of Event Occurred with Time and Date

Solution Architecture



Employee's are travelling in the Cab with Smart ID Card



Mobile App/SMS Alerts to Parents/Dear Ones



Data is sent real-time over GPRS and GSM



Central Server store data about Employee as well as transport details

Camera

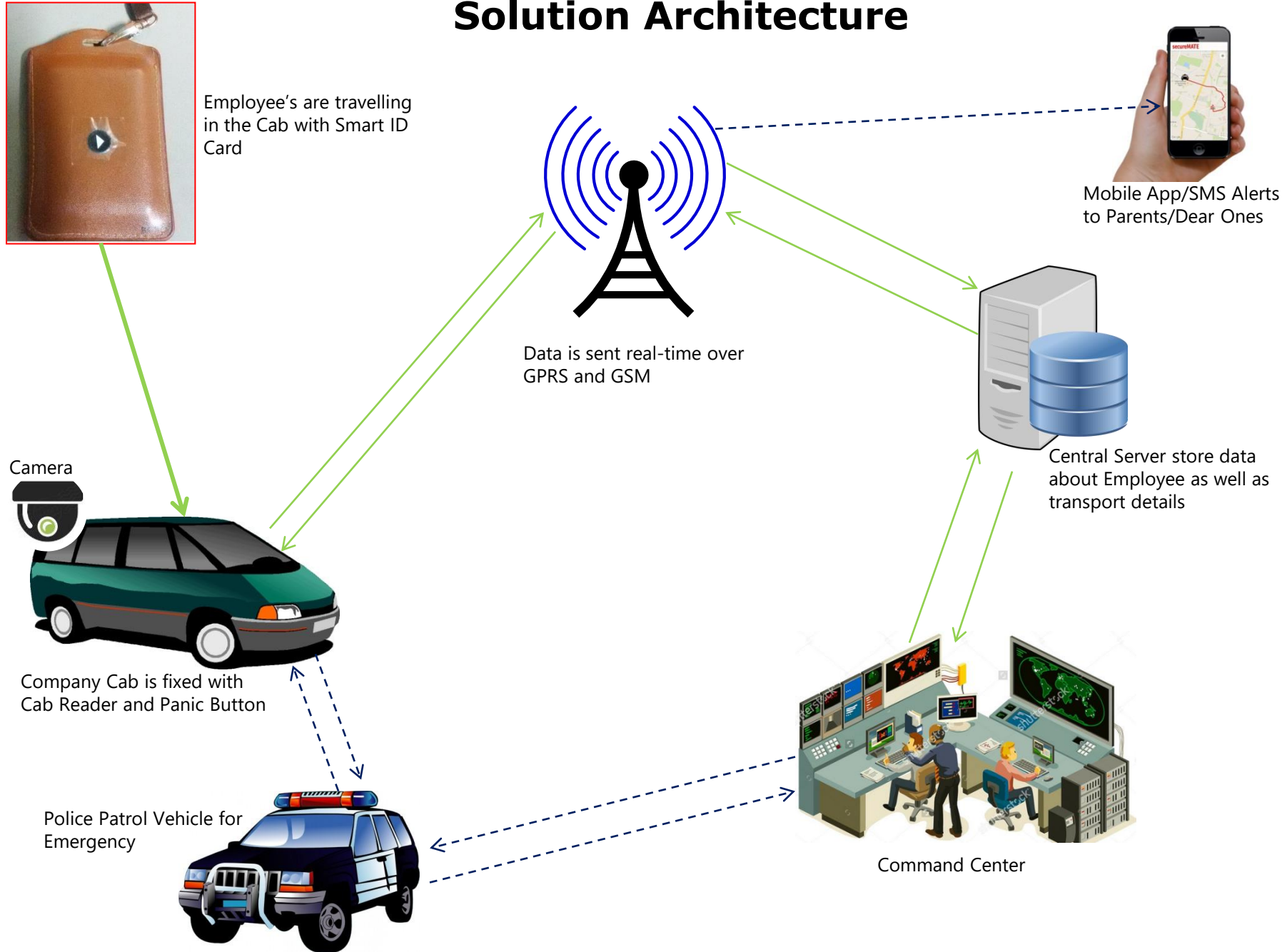


Company Cab is fixed with Cab Reader and Panic Button

Police Patrol Vehicle for Emergency



Command Center



Issues facing by Passengers

- Most of the Cab/Bus Services are using latest technologies for booking, tracking, payment etc.,
- But when it comes to passenger safety they are lagging behind because the equipment inside cab is under the control of the driver and it is not reachable to passenger inside the Cab/Bus
- Passenger don't have an option to trigger an alarm(Panic Button) in case of any emergency inside the Cab/Bus
- Women employees at the night time travel to the remote region become more complicated and insecure



Solution is EYEKON

- EYEKON is a combination of GPS + GPRS + Panic Button (to trigger alarm)
- Panic Button will be fitted in a way that it is very easy to accessible for the passenger.
- Once Panic Button is triggered, all data with GPS location will be sent to the central server and then to transport management team to take necessary actions like calling the police, alert nearby cabs for help, sending the back-up cab.
- All vehicle movements will be shown in live map with Panic Alerts

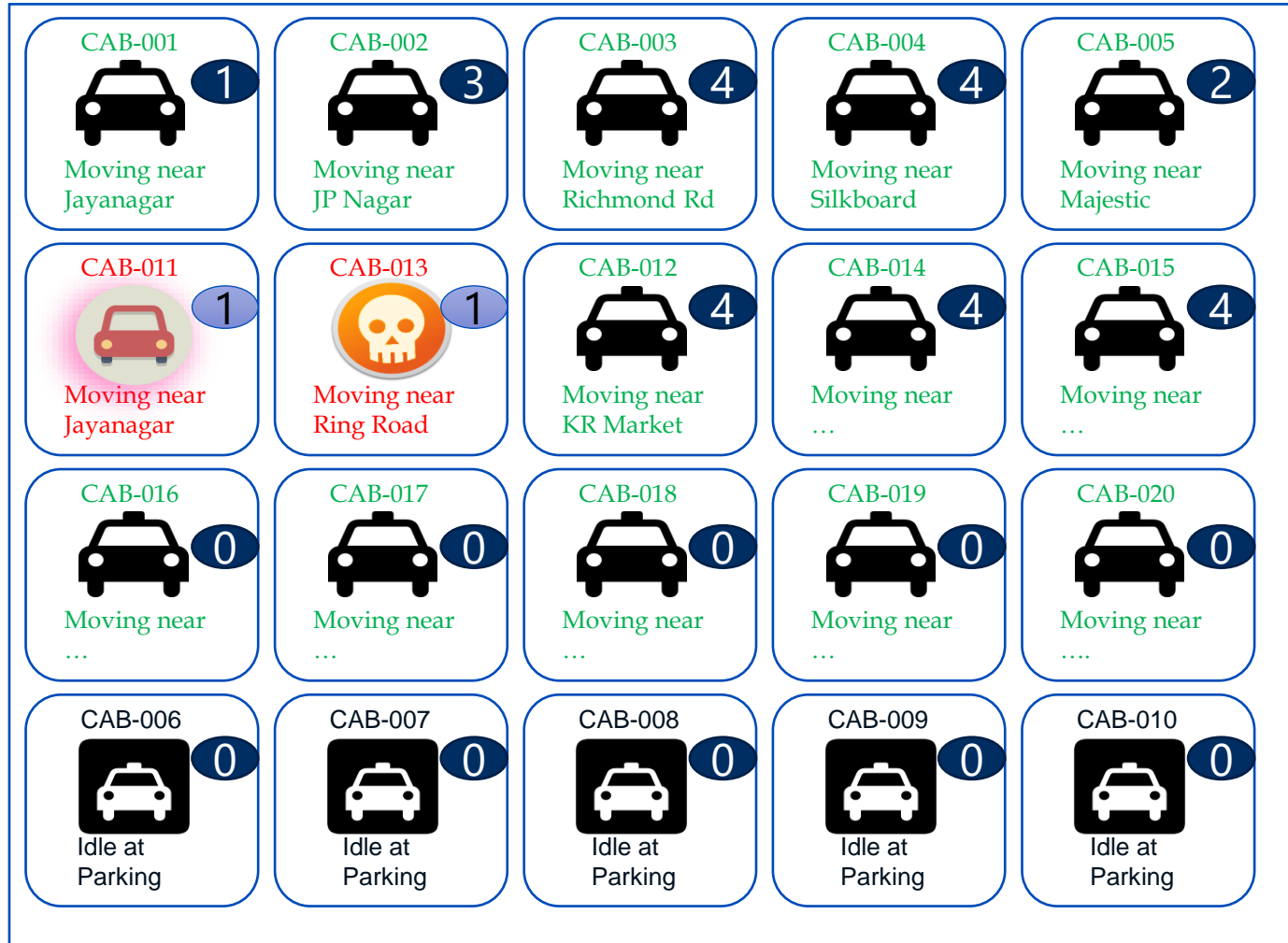


EYEKON – Panic Button

- Panic Button is provided with two LED's (RED and GREEN) and One Red Color PANIC BUTTON
- If the Panic Button cable is disconnected or tampered means GREEN Color LED will Blink and the information will be triggered to Transport Management Team
- If the RED Color Panic Button is pressed means RED Color LED will start glowing and the emergency notification will be passed to Transport Management Team and Transport manager.
- Panic Button will be placed near to the passenger and it will be very easy to access



EYEKON – Dashboard View



- Moving
- Idle
- Lone Lady
- Panic
- Employee Count

EYEKON - Map View

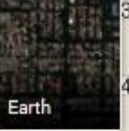


Future Efficient



Cab - 07(KA01A6789)
Updated on : 14:58

Panic Button at Normal Status



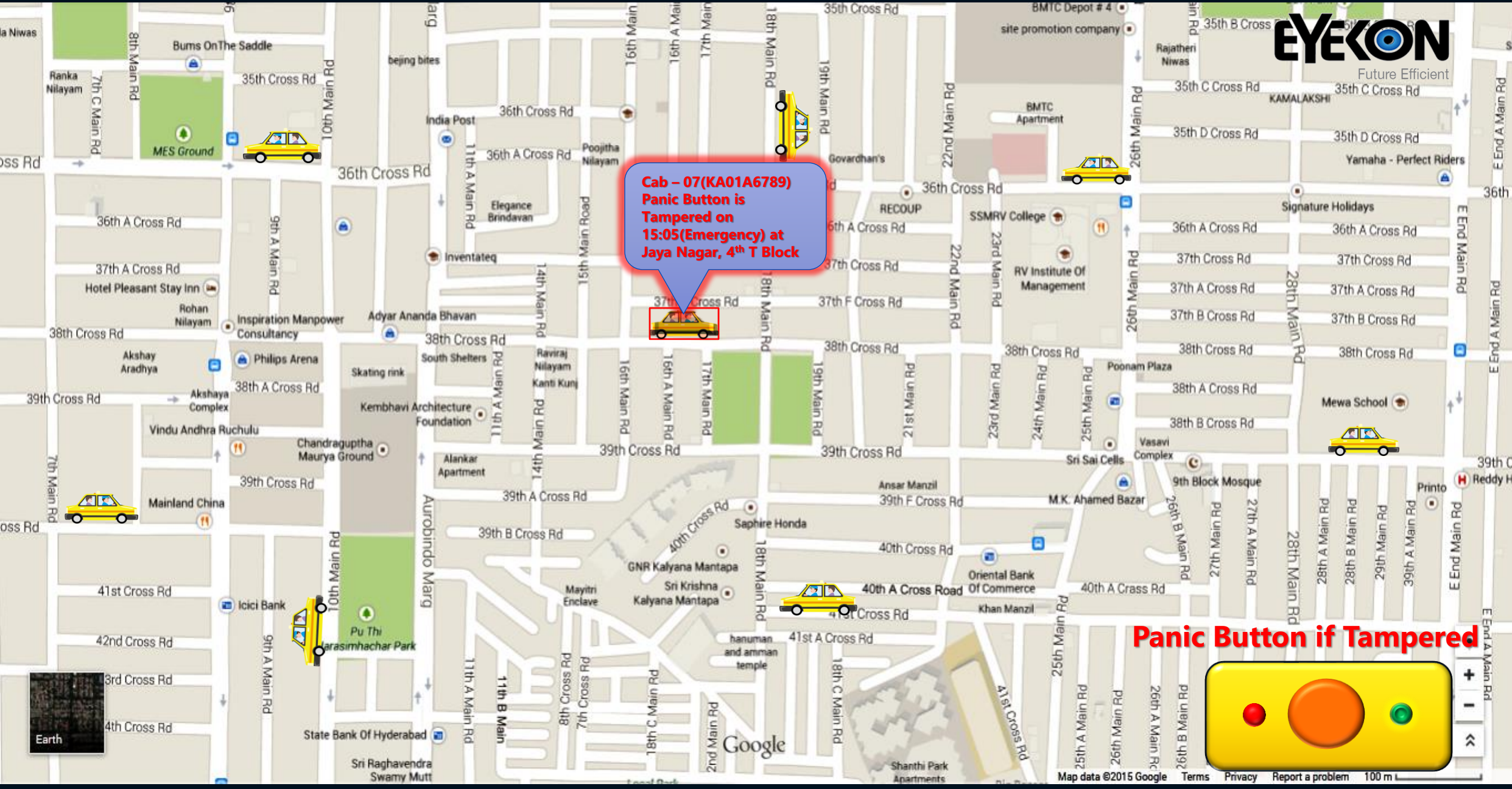
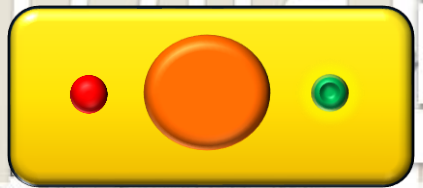
EYEKON – Map View if Panic Button is Tampered



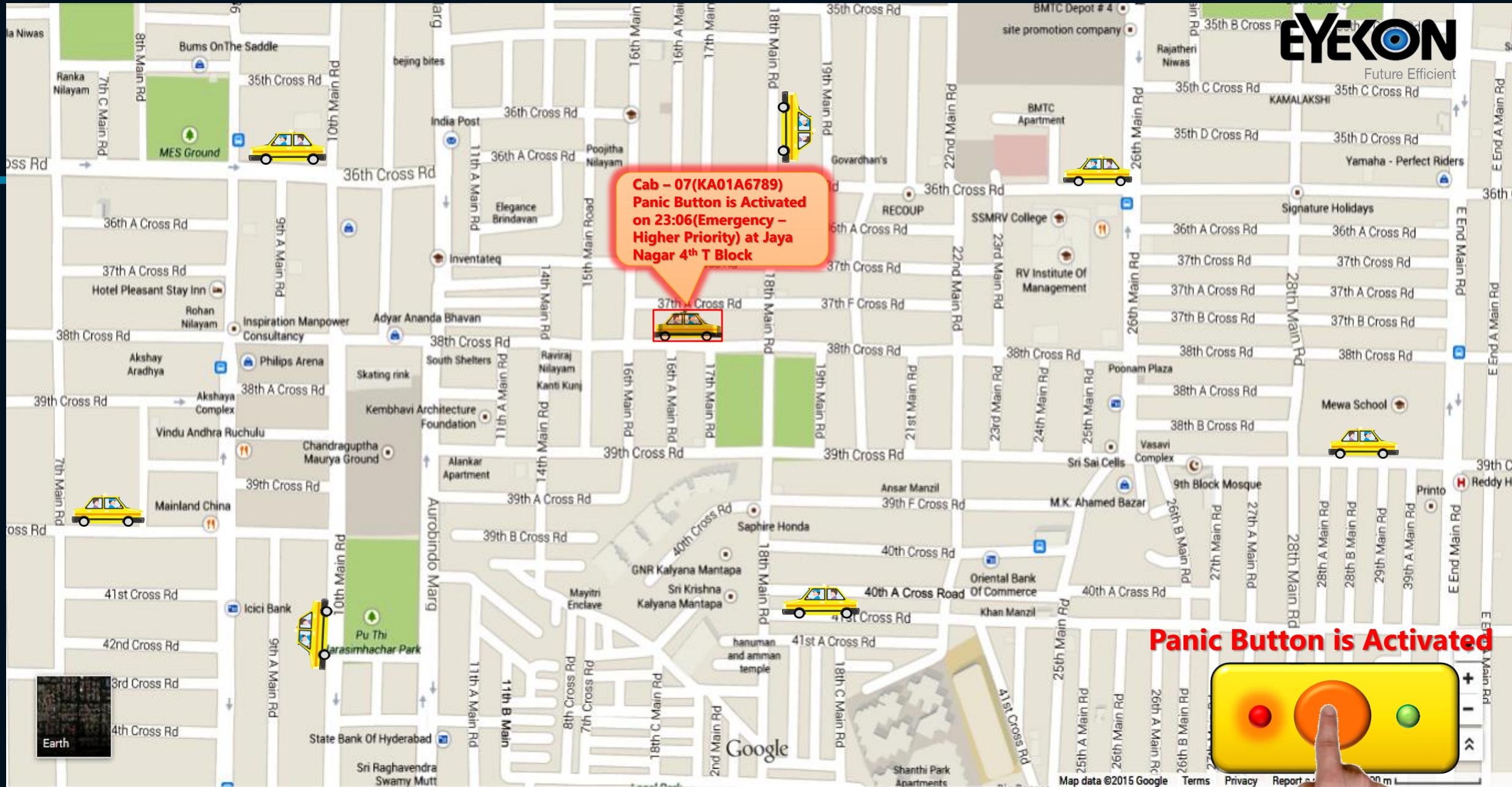
Future Efficient

**Cab – 07(KA01A6789)
Panic Button is
Tampered on
15:05(Emergency) at
Jaya Nagar, 4th T Block**

Panic Button if Tampered



EYEKON – Map View if Panic Button is Activated

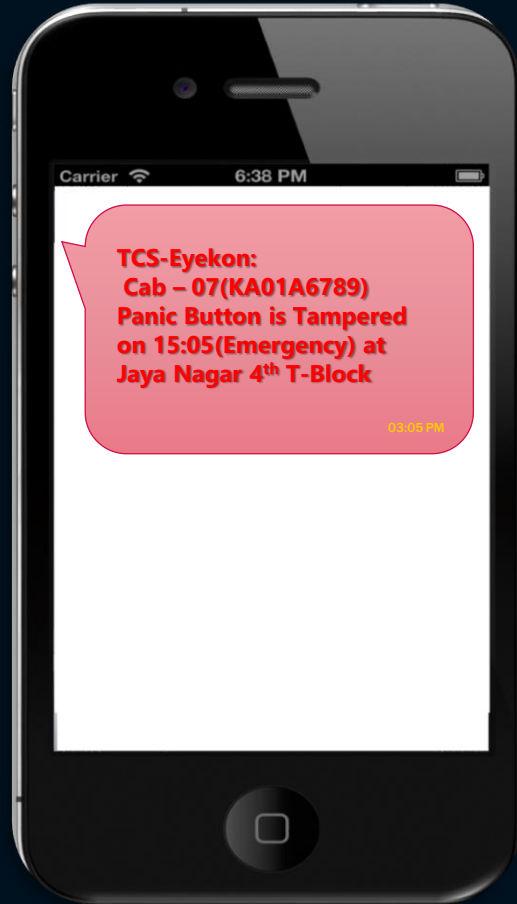


Panic Button is Activated

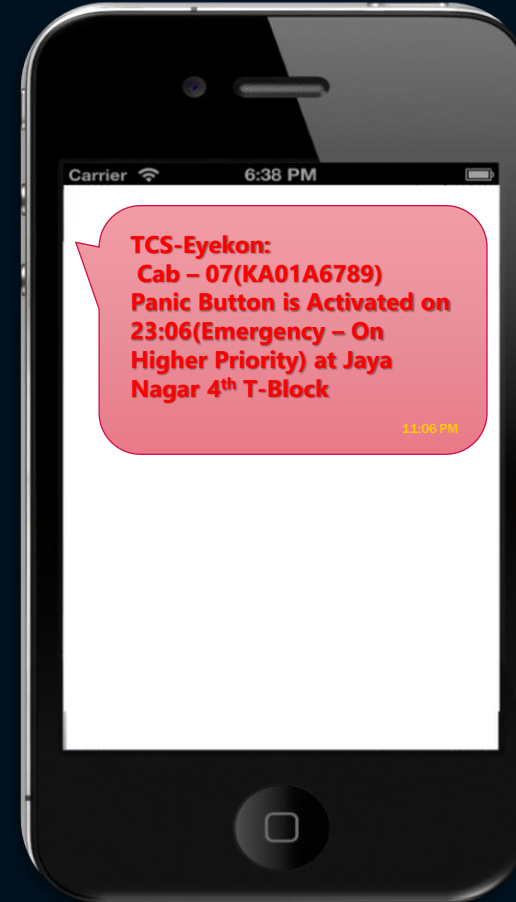


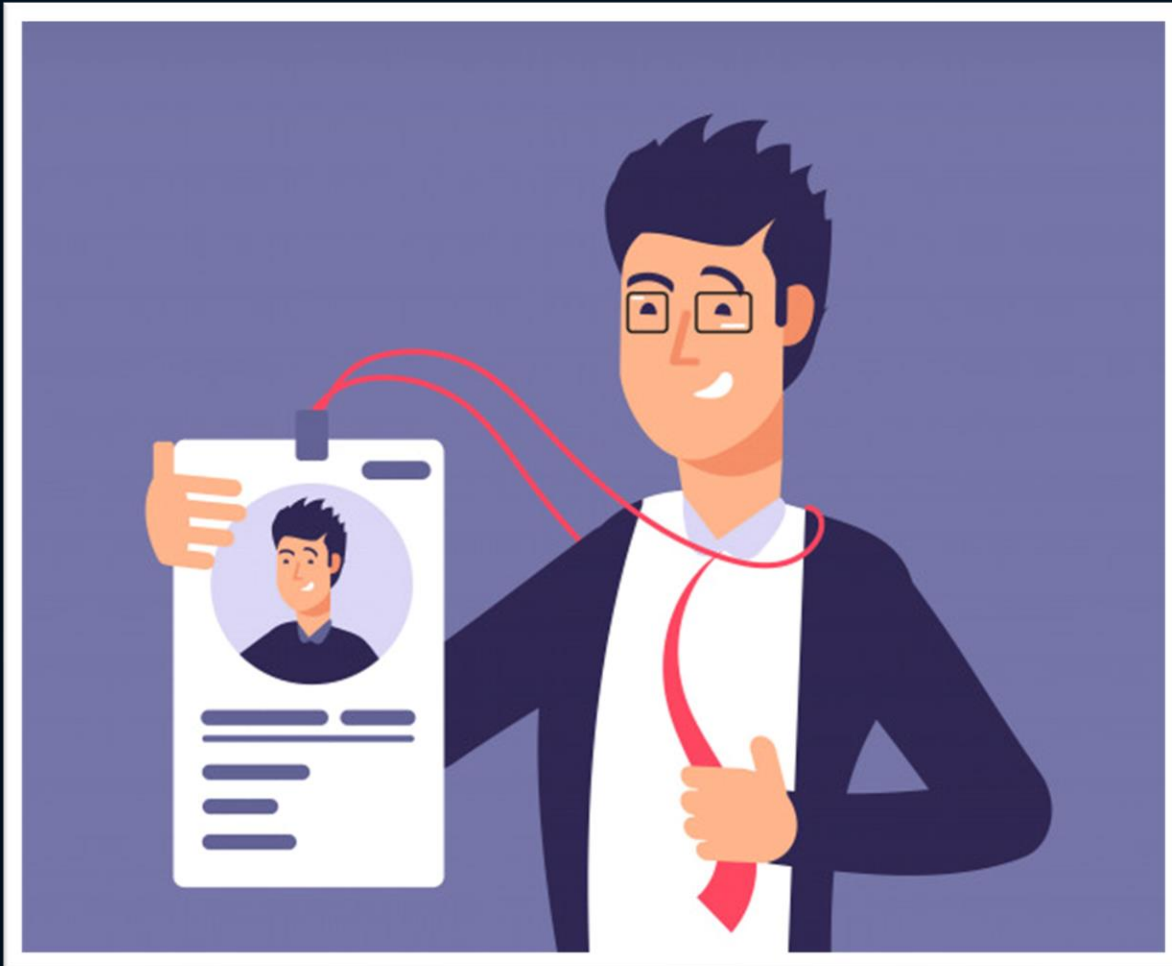
EYEKON – Mobile Notification View

Panic Button is Tampered



Panic Button is Activated



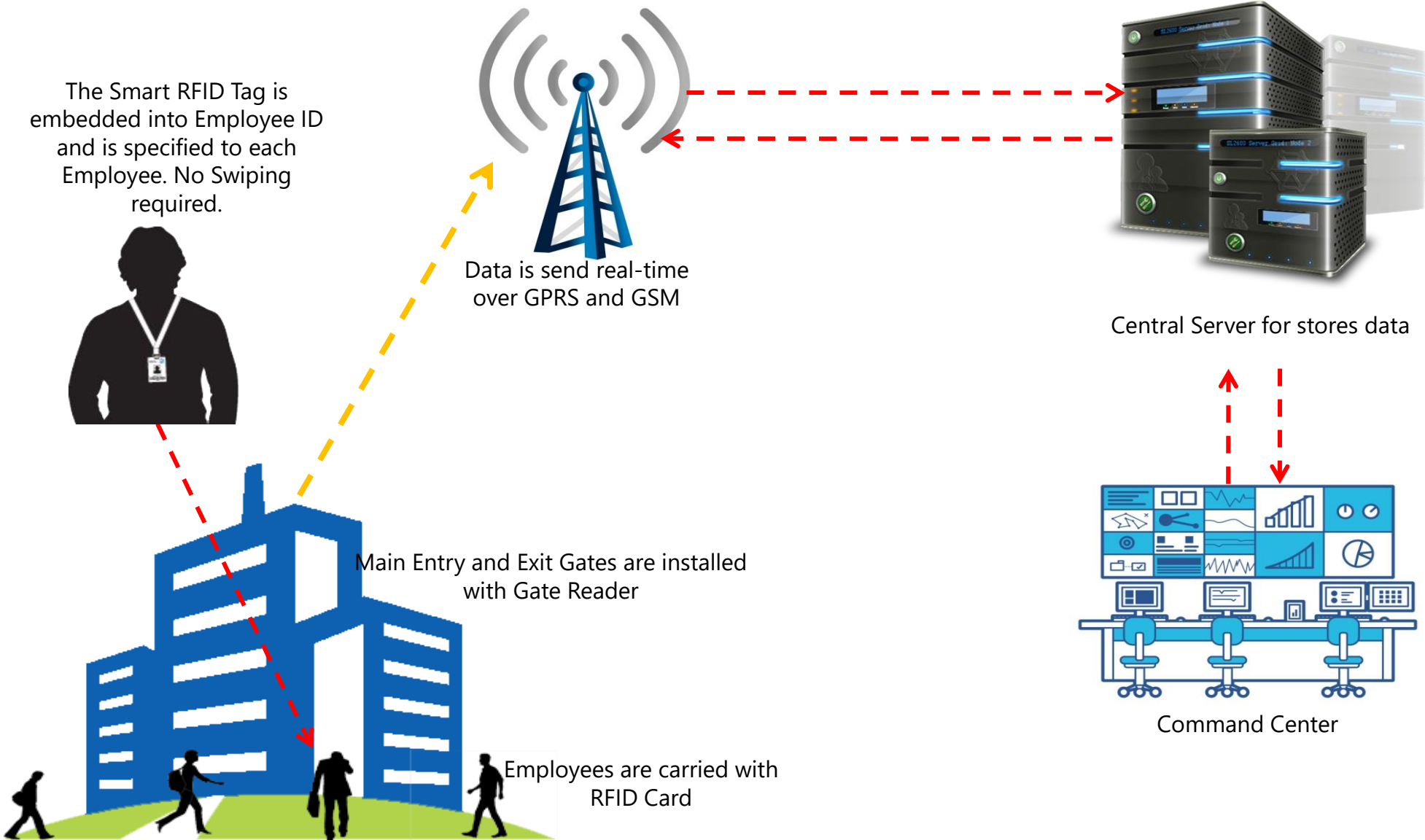


Automated Attendance & Indoor Tracking

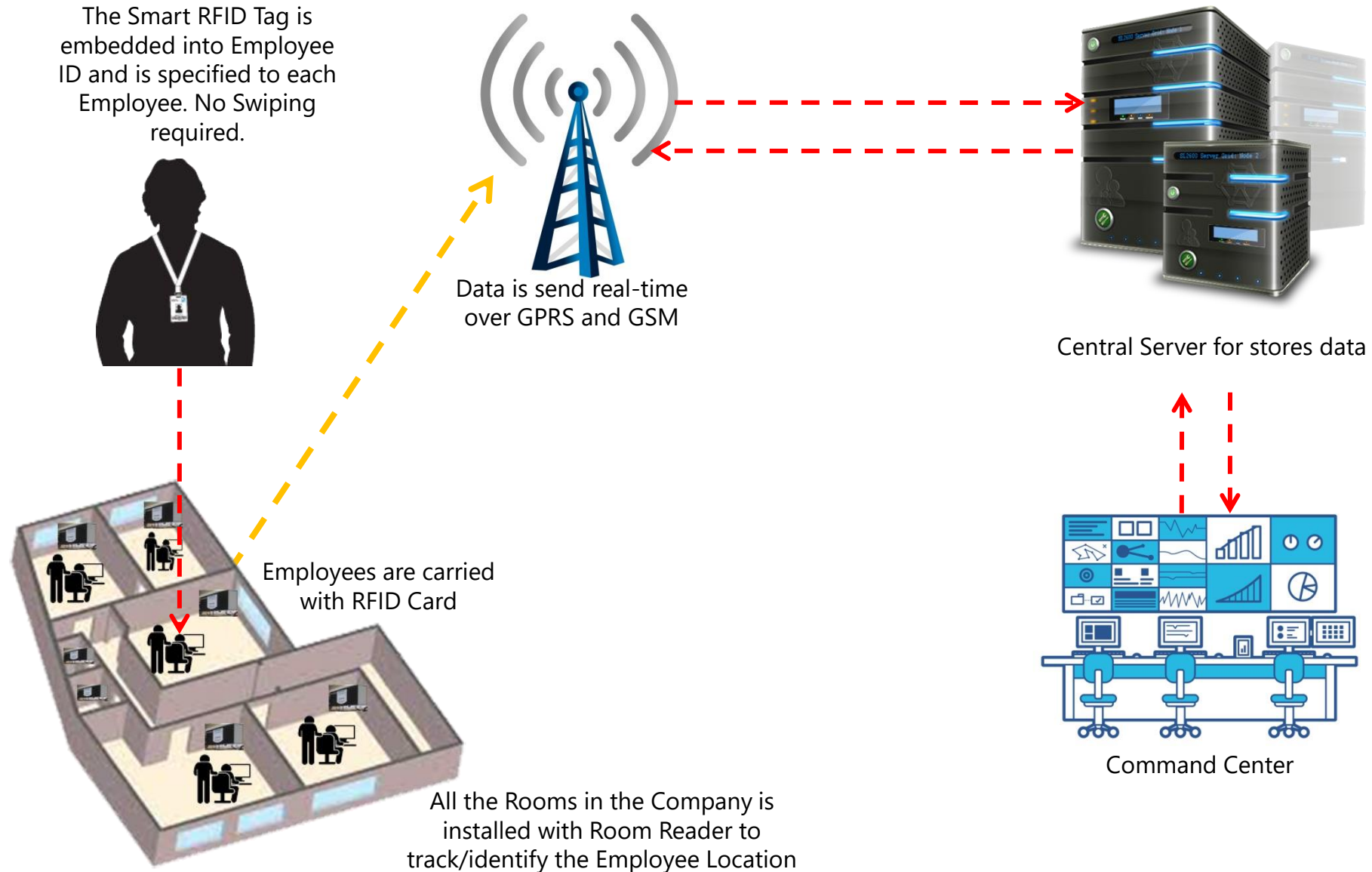
IN & OUT Monitoring

- Employee is given Active RFID Tag
- Tracking of Individual Employee IN/OUT Automatically (No Swiping/No Tapping of Cards)
- Tracking without Swiping as the RF Reader is powerful enough to detect Long Range.
- Identifying/Tracking Individual Employee inside Company with Location and Block

Automatic Attendance Monitoring System



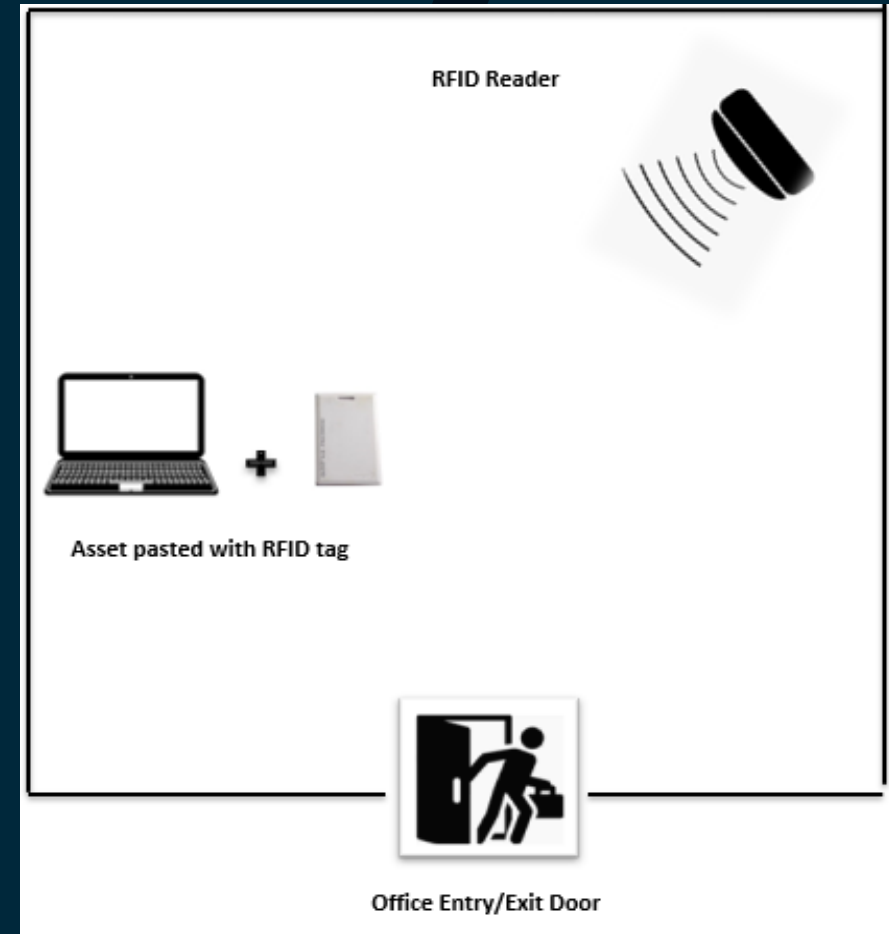
Employee Tracking Inside the Company



Asset Tracking Solution

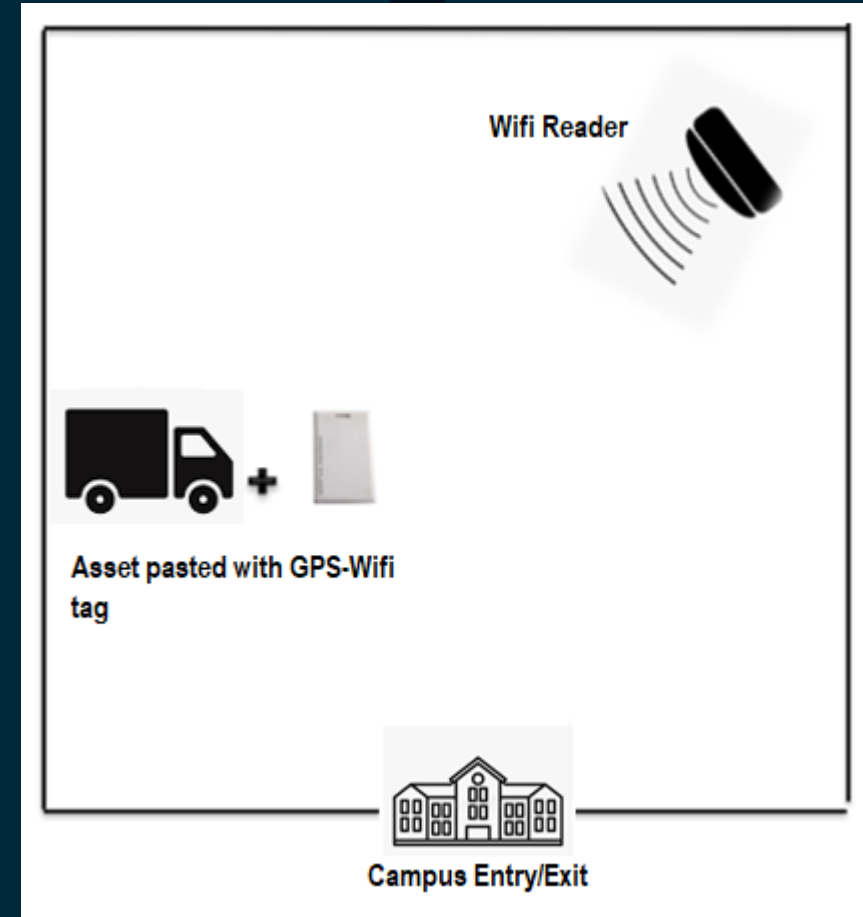
Indoor Asset Tracking

- Asset is pasted with Active RFID tag
- Asset name and ID are mapped in the Asset Management system
- When an asset goes out of premises via the door way, the active reader detects the presence of the tag and inserts a database record of asset as OUT event with ID of the asset and Date-Time stamp.
- Similarly, when an asset comes into the premises the database is inserted with ID of the tag and Date-Time stamp as Asset's IN event.



Outdoor Asset Tracking with GPS-Wifi Tag

- Tag featuring High precision GNSS with integrated Wifi, accelerometer and battery
- Tag pasted to the asset with adhesive / sticker
- Anti-tamper detection feature in case tag is forcibly removed from the asset
- Auto wakeup from sleep mode to active mode in case of displacement or periodic timer wakeup
- Tag geofenced and geofence alerts sent to mobile and server
- Notifications to central server console with periodic message on asset coordinates



Route Optimization

- Efficient transport operation, positional clarity and employee comfort
- Optimal distribution across vehicles, bus stops, pickup points, ensuring vehicles are never overcrowded or underutilizing capacities on some routes
- Maximum cost efficiency, without compromising on the quality
- Flexibility to change or edit vehicle routes depending on capacity and unexpected schedule changes



Reports

- Employee Overall Attendance Report
- Emp. Vehicle Real-Time tracking Report
- Emp. Vehicle Over-speeding Report
- Individual Employee IN & OUT Report
- Asset IN & OUT Report
- Visitor Report
- Courier/Delivery invoice Report



Note: Any other specific requirement from the Company can be customized as far as the reports are concerned

Employee Attendance Report

Attendance		Bus Tracking		Staff Attendance		Reports		Logout	
dashboard > Attendance > Summary									
From Date*:	01/08/2019								
To Date*:	30/11/2019								
submit									
Date	Total Staff	Present	Absent	% Attendance	Last Reached				
01/08/2019	5372	3758	1614	<div style="width: 69%;"></div>	09:07:30 AM				
02/08/2019	5372	3777	1595	<div style="width: 70%;"></div>	09:08:16 AM				
03/08/2019	5372	198	5174	<div style="width: 4%;"></div>	09:07:51 AM				
04/08/2019	5372	2	5370	<div style="width: 0%;"></div>	07:14:18 AM				
05/08/2019	5372	3941	1431	<div style="width: 73%;"></div>	09:03:31 AM				
06/08/2019	5372	3859	1513	<div style="width: 72%;"></div>	09:04:50 AM				
07/08/2019	5372	3896	1476	<div style="width: 72%;"></div>	09:03:27 AM				
08/08/2019	5372	3707	1665	<div style="width: 69%;"></div>	09:09:36 AM				
09/08/2019	5372	3903	1469	<div style="width: 73%;"></div>	09:05:15 AM				
10/08/2019	5372	7	5365	<div style="width: 0%;"></div>	08:54:36 AM				
11/08/2019	5372	17	5355	<div style="width: 0%;"></div>	09:04:21 AM				
12/08/2019	5372	2	5370	<div style="width: 0%;"></div>	07:10:27 AM				
13/08/2019	5372	3819	1553	<div style="width: 71%;"></div>	09:09:34 AM				
14/08/2019	5372	3747	1625	<div style="width: 70%;"></div>	09:04:53 AM				
15/08/2019	5372	69	5303	<div style="width: 1%;"></div>	09:07:14 AM				
16/08/2019	5372	2912	2460	<div style="width: 54%;"></div>	09:03:24 AM				
17/08/2019	5372	44	5328	<div style="width: 0%;"></div>	08:59:26 AM				
18/08/2019	5373	4	5369	<div style="width: 0%;"></div>	07:24:57 AM				
19/08/2019	5373	4036	1337	<div style="width: 75%;"></div>	09:08:33 AM				
20/08/2019	5373	3824	1549	<div style="width: 71%;"></div>	09:08:11 AM				

Employee Attendance Report

Attendance Bus Tracking Staff Attendance Reports Logout

Name*:
Date*: 29/10/2020
Department*: All

1 of 7 Find | Next

Staff Attendance Summary Report

Report Date 29/Oct/20

Department	Name of the Staff	In Time	Out Time	Total Time
Admin	ARADHANA CHANDEL	08:50 AM	04:41 PM	07:50
Admin	BHABANEE PANI	08:20 AM	04:04 PM	07:43
Admin	CHAITANYA DEV GAUTAMM	03:34 PM	04:07 PM	00:32
Admin	CHANDRA SHEKHAR	08:29 AM	04:09 PM	07:39
Admin	DR. VISHNU DUTT SHARMA	08:15 AM	04:07 PM	07:51
Admin	GAURAV KUMAR SHARMA	08:06 AM	04:09 PM	08:02
Admin	JITENDRA SINGH	08:02 AM	03:13 PM	07:10
Admin	MAHESH CHANDER	08:18 AM	04:08 PM	07:49
Admin	MAYA .S. NAIR	08:15 AM	04:07 PM	07:51
Admin	MEENAKSHI AGGARWAL	08:02 AM	04:08 PM	08:05
Admin	NIRANJAN SHARMA	08:07 AM	04:07 PM	07:59
Admin	NITIN GOVIL	08:25 AM	04:05 PM	07:39
Admin	PRASIDA P.V	08:18 AM	05:15 PM	08:56
Admin	RADHASYAM MAHAPATRO	07:37 AM	04:48 PM	09:10
Admin	RAJESH RAWAT	07:31 AM	04:48 PM	09:16
Admin	SAFARI SAXENA	07:32 AM	04:49 PM	09:16
Admin	SANDEEP MOHAN	07:23 AM	04:49 PM	09:25
Admin	SANJAY KUMAR SINGH	07:32 AM	04:49 PM	09:16
Admin	SHABIH A KHAN	06:55 AM	04:49 PM	09:53

Vehicle Travel Report

From Date*: 07/10/2019
To Date*: 14/10/2019
Bus*: DL1PB9928

1 of 1 Find | Next

Bus Travel Summary Report

Date Range 07/Oct/19 to 14/Oct/19

Bus Name	Route Name	Date	Start Time	Distance (Km)	Travel Time	Max Sp
DL1PB9928	S34	07-10-2019	06:10 AM	3.2	1 hr 23 mins	37 kr
DL1PB9928	S34	08-10-2019	07:05 AM	4.4	43 mins	50 kr
DL1PB9928	S34	09-10-2019	06:10 AM	10.7	1 hr 44 mins	46 kr
DL1PB9928	S34	10-10-2019	06:10 AM	56.5	4 hrs 6 mins 52 secs	66 kr
DL1PB9928	S34	11-10-2019	06:10 AM	55.6	4 hrs 5 mins 43 secs	68 kr
DL1PB9928	S34	12-10-2019	06:10 AM	41.1	3 hrs 20 mins 15 secs	53 kr
DL1PB9928	S34	14-10-2019	06:10 AM	30.6	1 hr 42 mins 27 secs	70 kr
Totals =				202.1	17 hrs 5 mins 17 secs	70 kr

Generated at 14-Oct-2019 10:25:00 AM
Page - 1 of 1

Vehicle Live Tracking



Over Speeding Alert

Vehicle ID*:

To Date*:

Legend:





EYEKON

Future Efficient

**THANK
YOU!**

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