

SetBeacon Smart Office System



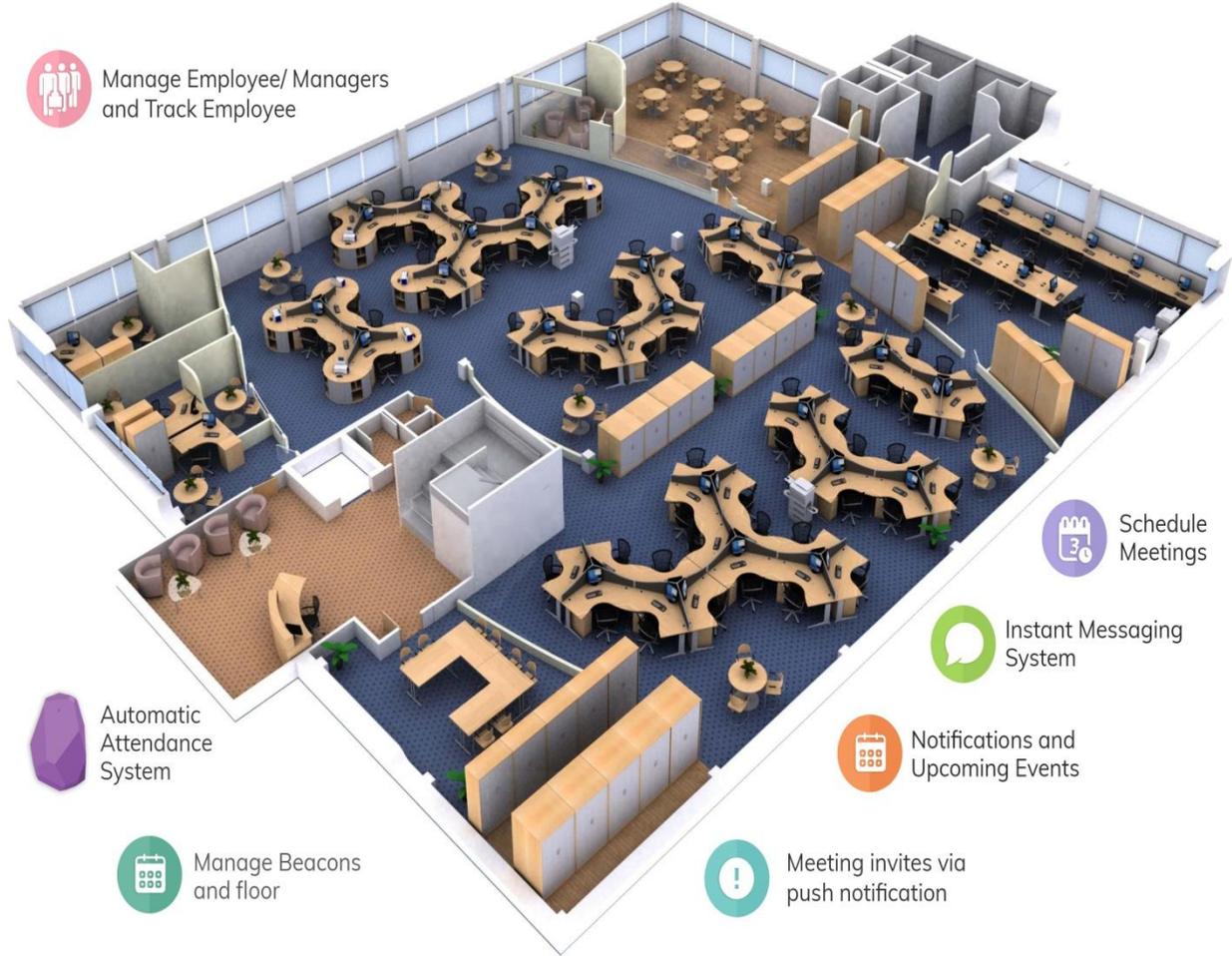
Our product “SetBeacon Smart office” is a next generation smart office solution. This product benefits both employees as well as Stakeholders to enjoy the experience of Beacon technology in office premises. Using it, employees can mark automatic attendance can do instant chat. On the other hand, Stake holders or Managers can track their team’s employee live, can view the whole day’s activity, view employee attendance and more.

Use Case and Stimulation for Smart Office

In today’s competitive era, mobile apps are busy transforming how and where companies do business. Companies wanting to reach max productivity, efficiency, and cost savings need to look for ways to know where their employees are, track employees and more.

We have developed a solution that helps you in getting a hold on above crucial factors and to track the employee, in addition HR can post daily notifications and share upcoming. Our experts have brain stormed and effectively made use of Proximity, Geo-fencing, Analytic, and Mobility to develop a foolproof solution that can make their office smart to work.

Beacon based Smart Office Floor plan



 Manage Employee/ Managers and Track Employee

 Schedule Meetings

 Instant Messaging System

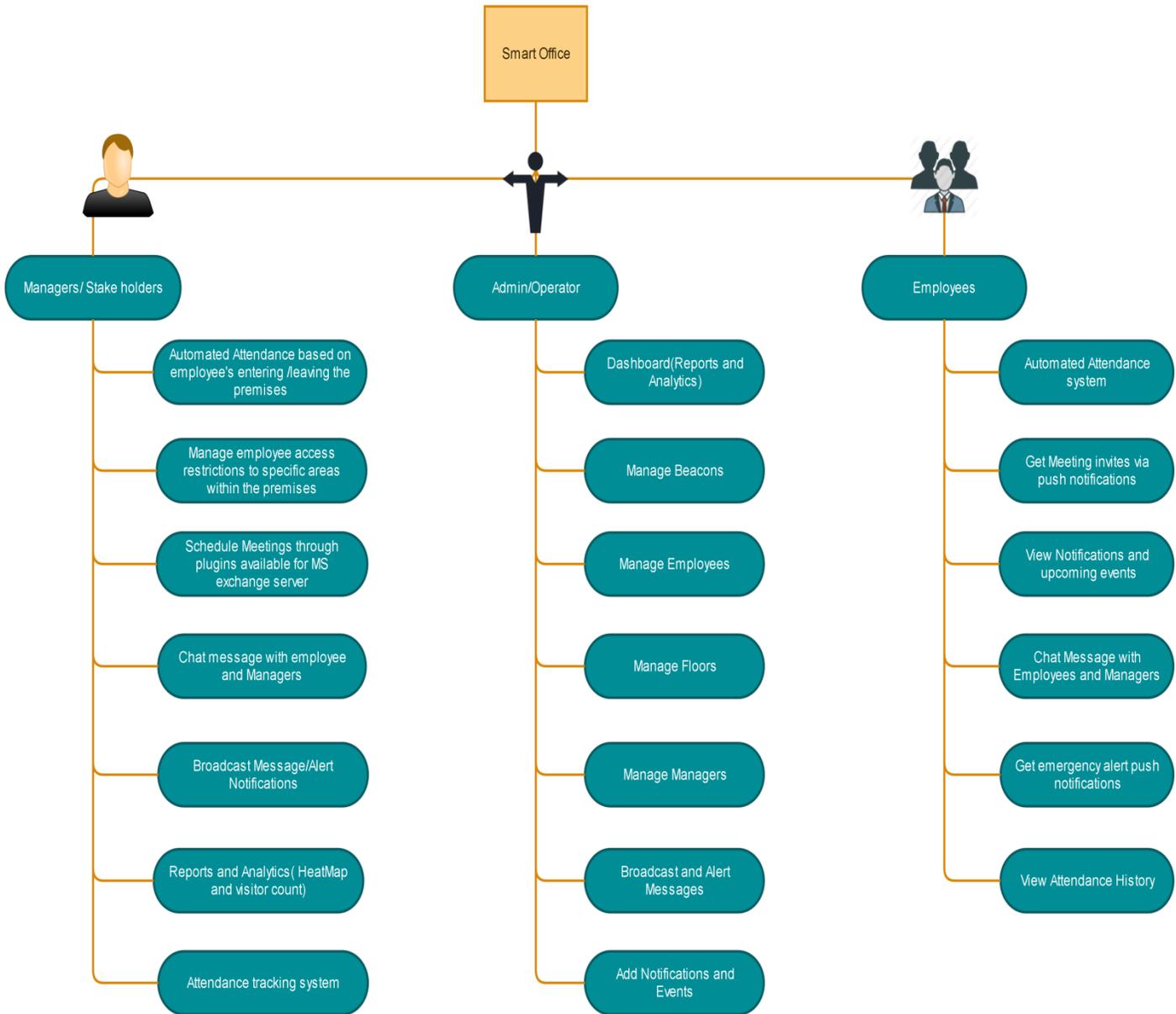
 Notifications and Upcoming Events

 Automatic Attendance System

 Manage Beacons and floor

 Meeting invites via push notification

FLOWCHART of Beacon based Smart Office Solution



Smart Office product comes in three variants:

1. **Smart Office Employee App**
2. **Smart Office Manager App**
3. **Smart Office Web portal**

1. Smart Office Employee App

Once employee downloads the application, they just need to enter Employee ID and can make use of features such as:-

- **Automatic Attendance system:** Attendance Marking Employees will be automatically checked in to their office when they enter and the time will be marked. The daily report can be viewed by concerned authority.
- **Meeting invites via push notification:** Meeting and Task Alerts Real time reminders on important meetings or tasks can be sent to the employee's phone to keep them informed and updated. Changes in meetings and programs can also be sent through the platform with ease.
- **Notification and Upcoming Events:** Employee engagement programs and activities such as town hall meeting, festival celebration etc. can be carried out using beacons. Also, Employees can be greeted on their birthdays and anniversaries real time when they reach office.
- **Instant Messaging System:** Employees can chat instantly with other employees as well as managers.
- **Emergency Alert Message:** Smart office app will also enable employee to alerts others with a single touch in case of fire or other emergencies.
- **Attendance history:** Employee can view his attendance for the last day/week/month.

2. Smart Office Manager App

Once Manager or stake holder downloads and logs into the application, they can make use of features such as:

- **Manage employee access** restrictions to specific areas within office premises.
- **Schedule Meetings:** Meetings can be scheduled by sending just one message with the team or other employees of the office.
- **Instant Messaging System:** Managers can chat instantly with other managers and employees too.

- **Broadcast Message and Alert Notifications:** Share message with all office employees' or selected teams by clicking just one button and can even alert employees in case of fire or any kind of emergency.
- **Dashboard/landing page:** Managers can view reports and analytics in the basis of Heat Map which shows the strength of employees in particular region. Also, Footfall as visitor count which shows number of visits in certain floor.
- **Attendance Tracking:** Managers can track daily attendance of their team employees.

3. Smart Office Web portal

Once admin or operation guy logs into the portal, they can make use of features such as:

- **Manage Floors:** User can add/Edit/View floors with image and description.
- **Manage Beacons:** User can add Beacon and assign beacon to any floor by giving UUID number and can set Major and Minor range.
- **Manage Managers:** User can add manager with Name, email address, phone number and image.
- **Manage Employee/Track Employee:** Here, user can add employee according to his/her department and can also track any employee where he is, what his activity of the day and more.
- **Broadcast and Alert Message:** User can send broadcast message to any department and can even alert all user in case of any emergency.
- **Notifications and Upcoming Events:** User can add notifications like Meeting Schedule, Town hall meeting, etc. and can add events like Diwali festival celebration, World Blood day etc.

How is our product beneficial for your office?

- Track on daily employee activity
- Visitors count of office premises
- View daily attendance
- Updates on Meeting schedule and events.

- Heat mapping can show where employees choose to work in a smart office environment and allowing companies to make better use of workspaces.
- A smart office app can improve employee productivity while making the lives of employees easier, and giving them flexibility over how they choose to work.
- Automatic attendance system while entering and leaving the office premises.
- Internal Messaging system with employee to employee and employee to Managers and vice versa.

Myths of implementing Beacon inside office premises

1. Beacons will drain your battery

It is False. Beacons are often known as BLE device which means **Bluetooth with Low Energy**. So, Bluetooth isn't that battery hog.

2. Beacons are costly to install and maintain

Not quite: As an example, full "development kit" from No. 1 Beacon company Estimote offers three proximity beacons and complete set-up package for just \$59 and 2nd most effective beacon , Kontakt.io's Eddystone Beacon Platform offers three beacons for \$60 only.

3. Beacon batteries have short life spans

This is another false statement, as Beacons batteries have multi-layer life spans. As Estimote provides guarantee 3 to 5 years and other Swirl Networks claims its beacons can last 6 years on one charge. So, overall Beacons have longer life to live.

4. Beacons are inaccurate

This is the biggest concern that strikes in every mind. See, every beacon have certain range set so within office premises you know the geographic area of it so Beacons can easily be placed and thereby can provide accurate result.

5. Beacons are insecure when it comes to data breaches

It is known to be before, but now Estimote beacons have come up 2 layers of security: One is cloud-based authentication protecting beacons from unauthorized access and other is secure UUID, preventing piggybacking on your beacon network.

Enabling Secure UUID causes rotation of the beacon's ID (UUID, Major and Minor) so it's broadcasting unpredictable, encrypted values. So, this is how Beacons are secure now and difficult to hack.

Let's Talk