

CONTACT TRACING DASHBOARD

THE SMART WAY





About WellsafeTech

Company focused in Wellness , Safety, Technology Solutions , to Enable Safer and healthier work life. Team led by technology leaders , experts and ex IITians. WellSafeTech specialized in Solutions focused in office restart consultancy, UV technologies, Robotics, AI, HVAC & Air Purification.

About Hipla : IoT Tech Platofrm

Hipla is an Internet of things (IoT) Platform that provides fully customizable integrated solutions to multiple industries such as Offices, Education, Hospitals and Retails.

We provide multi purpose solutions under one umbrella. For example visitor management, parking space, pantry and energy management to indoor navigation and access control

Our DNA is from IT infrastructure design, build and support : large partners of Cisco, Aruba in India (FNS)



Application Overview



End to End – IOT design, Implementation competencies



Focused on Innovation, patented technology



Vast experience across different verticals



Multiple customer engagements



Modular product structure – choose only what you need



Rich analytics on all products



Artificial Intelligence and Machine Learning driven components



Maruti Suzuki India Ltd announced the closure of its factories in Gurugram and Manesar in Haryana as well as its research and development center in Rohtak.

Covid-19 is shutting down industry

'This Virus May Never Go Away': WHO Says It's Impossible To Predict End Of Covid-19

Without a vaccine, WHO emergencies chief said, it could take years for the population to build up sufficient levels of immunity to it.



Associated Press (AP)
14 May 2020



This Virus May Never Go Away: WHO Says It's Impossible To Predict End Of Covid-19

Hero MotoCorp Ltd, India's largest two-wheeler maker, said it will shut all its plants across the country, and a research and development facility in Jaipur

Coronavirus Pandemic Likely to Last Two Years, Report Says

John Lauer

Bookmark

Published on May 01 2020, 1:41 PM
Last Updated on May 01 2020, 7:04 PM



(Bloomberg) --

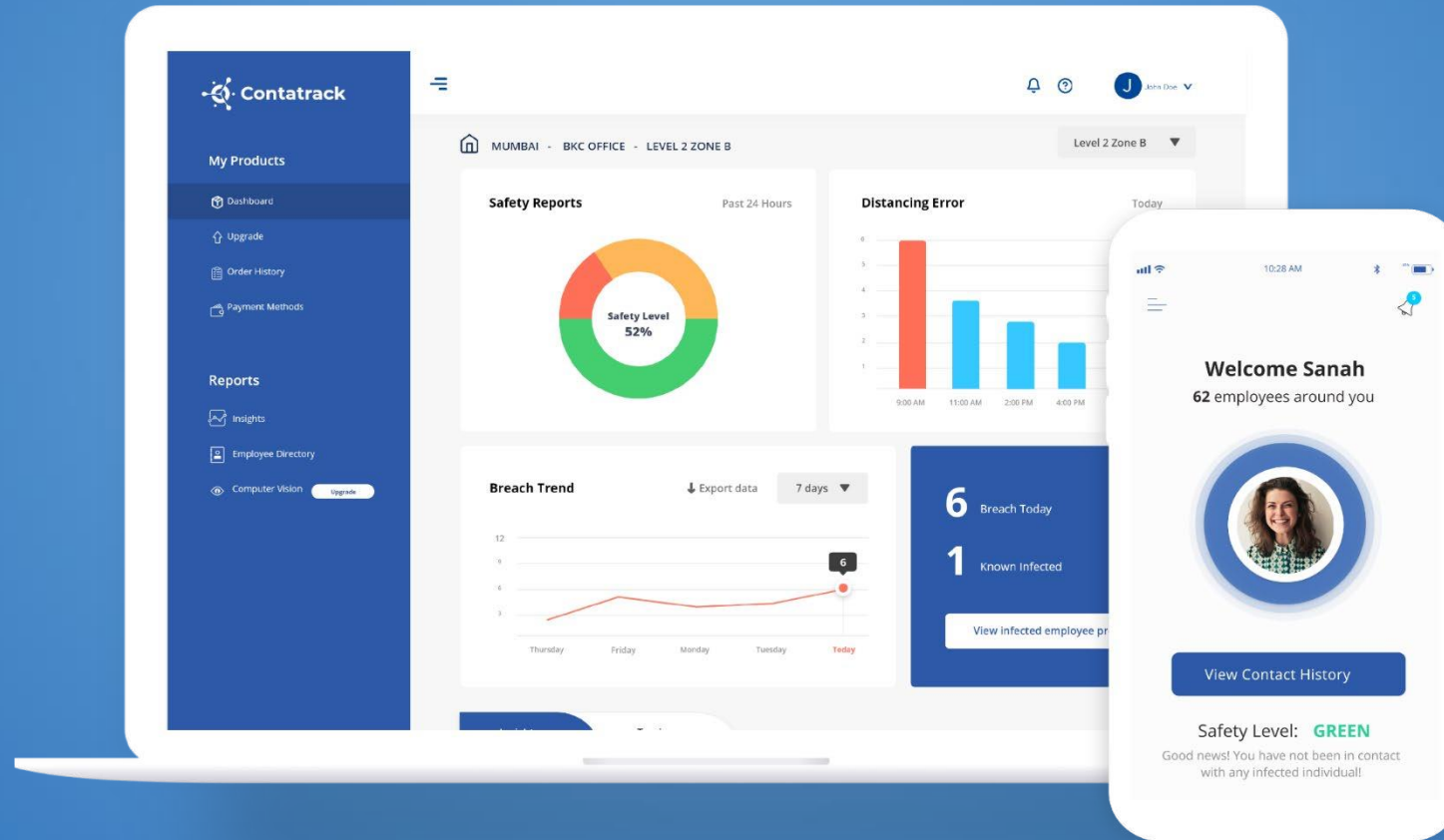
The coronavirus pandemic is likely to last as long as two years and won't be controlled until about two-thirds of the world's population is immune, a group of experts said in a report.

Coronavirus Pandemic Likely to Last Two Years, Report Says

Honda Cars India Ltd plans to shut both its manufacturing plants in Greater Noida, Uttar Pradesh and Tapukara, Rajasthan.



Automated Safety Social Distance and Breach Dashboard

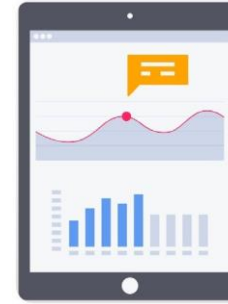


Contatrack: Market USPs



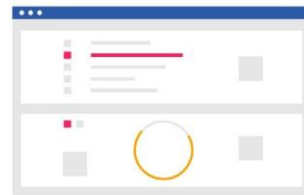
Monitoring

- Object Detection & Facial Recognition
- Motion data
- Auto-scanning of body temperature
- Auto-detection of people not wearing mask
- Automatic people counting to detect areas of higher congestion



Analyse

- Safety Graph (Admin)
- Breach Trend (Admin)
- Heat Map (Admin)
- Breach Visual: Freeze breach frame
- Breach Notification (all users)

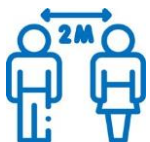


Ideal SaaS

- An ideal SaaS solution with no need of hardware installation
- Facial Recognition Accuracy 90 to 92%

Contatrack.ai is a safe distancing and contact tracing solution that builds a safe environment for your employees returning to the workplace.

We can currently deploy the following features:



Safe Distancing protocol implementation



Auto-scanning of body temperature



Face Mask detection (ensures individuals do not take off their face masks when around others)



Real-time contact tracing



Employee + admin notifications when safe distancing breaches are committed



Contact tracing history for up to 30 days



Auto-attendance



Detailed insight reports with regard to high breach incidences, congested areas and overall safety levels of individual premises



People counting/crowd sensing



Automated detection of high congestion zones



Notifications to employees to refrain from entering crowded zones



Notifications to administrative authorities to plan employee movement away from congestion zones

Contatrack: Solution Overview

An office wellness solution to monitor social distancing by detection and facial recognition using Hipla Platform



Insight

- Analytical dashboard with insights
- Customer/Admin can see their app dashboard (detail insight for Admin)
- Motion data, heat map, computer vision analytics



Admin Panel

- Add/edit employees
- Generate reports as per distancing Metrics
- Determine breach report and inform authority about the potential threat level



Monitoring Tracking & Breach intelligence

- Auto Scanning of body temperature
- Identifying breached safe social distancing
- Identifying safety level of individuals as per metrics
- People tracked via their mobile Bluetooth or a BLE enabled visitor card
- Auto-detection of people not wearing mask



History

- Track employee and visitor route history throughout building
- Complete history of their presence in certain zone along with time intervals



Mobile App

- Social Distancing Breach Trigger Notification
- Current Safety Level

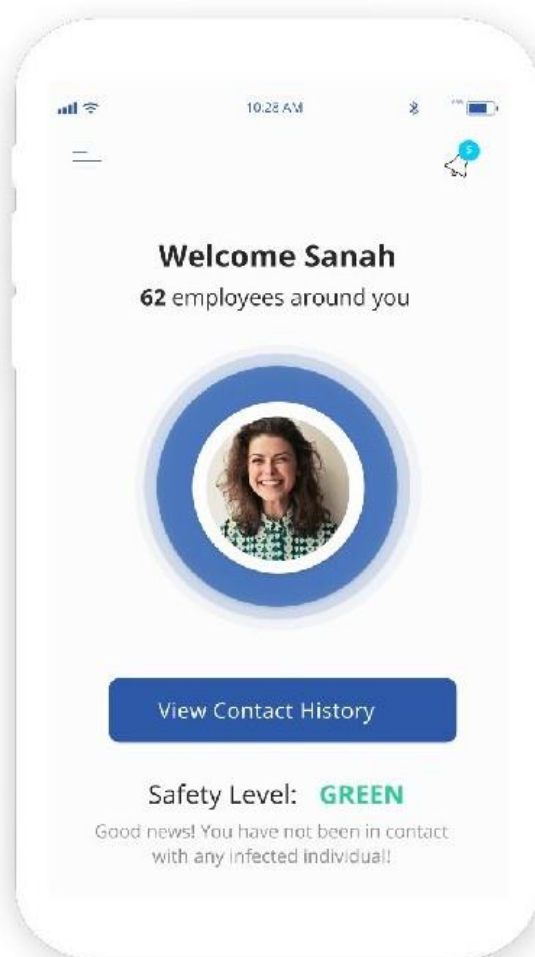


Web App

- Computer Vision
- Insight from CCTV surveillance
- Real Time tracking

Contatrack: Implementation Pillars

Elements for Implementation



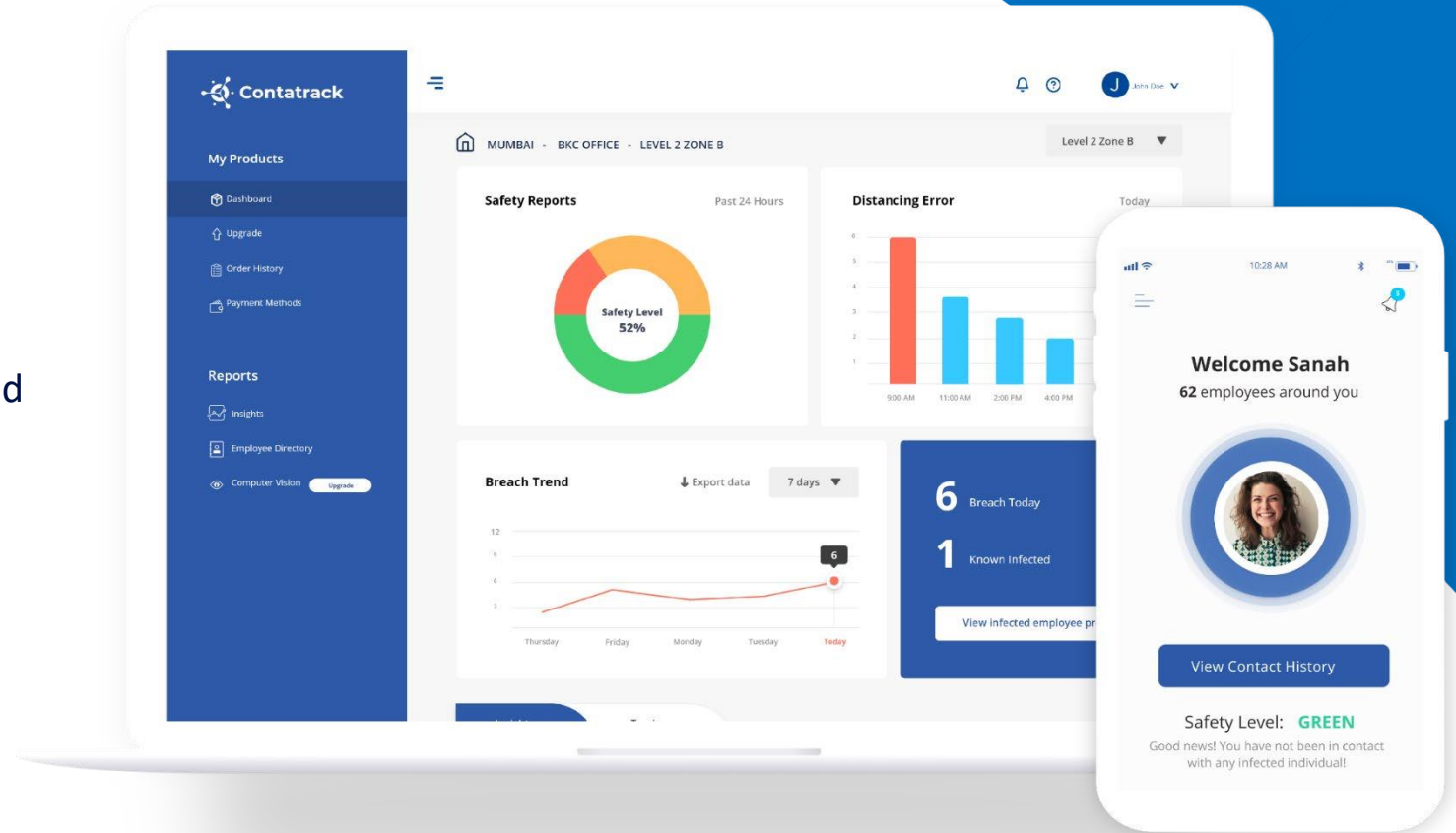
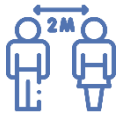
MOBILE APP

- Up to 14-day employee route history
- Partially-customizable admin panel
- Partially-customizable insights dashboard
- Breach trigger notifications to employee + admin
- Current safety level of employee
- Auto-scanning of body temperature



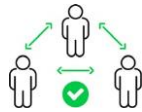
Contatrack: Computer Vision

Computer vision is a field of artificial intelligence that train computers to interpret and understand the visual world



Contatrack: Computer Vision

Admin/Employee are notified through App & Admin Panel respectively



Safe Distancing Visual
Notification - **GREEN**



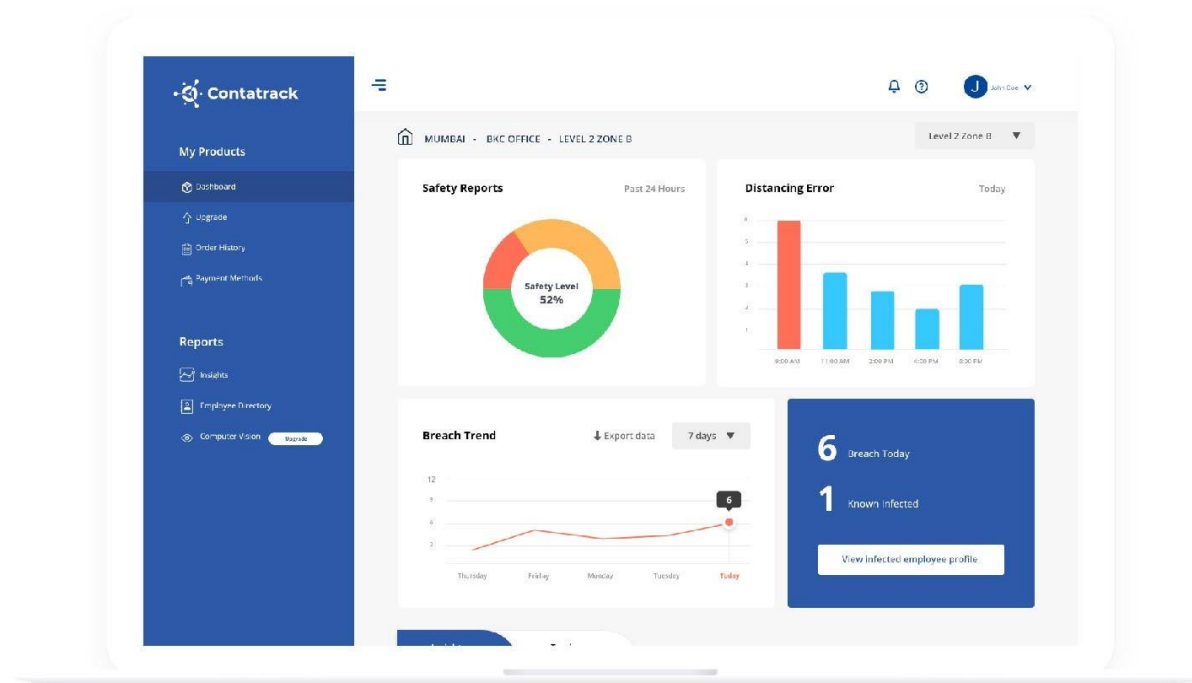
Safe Distancing Breaching
Notification - **RED**



Bluetooth helps in analyzing distancing metrics and alter any breach

Contatrack: Implementation Pillars

Elements for Implementation



COMPUTER VISION

- Contact History
- Up to 14-day employee route history
- Fully-customizable admin panel
- Fully-customizable insights dashboard
- Breach trigger notifications to employee + admin
- Breach metric variation allowed
- Current safety level of employee
- Auto-scanning of body temperature
- Breach reports and trend analysis
- Custom integrations

Market USP



AI enabled
Video analytics



Social distance/breach
reports



Customized notifications
to individuals



Hotspot
identification

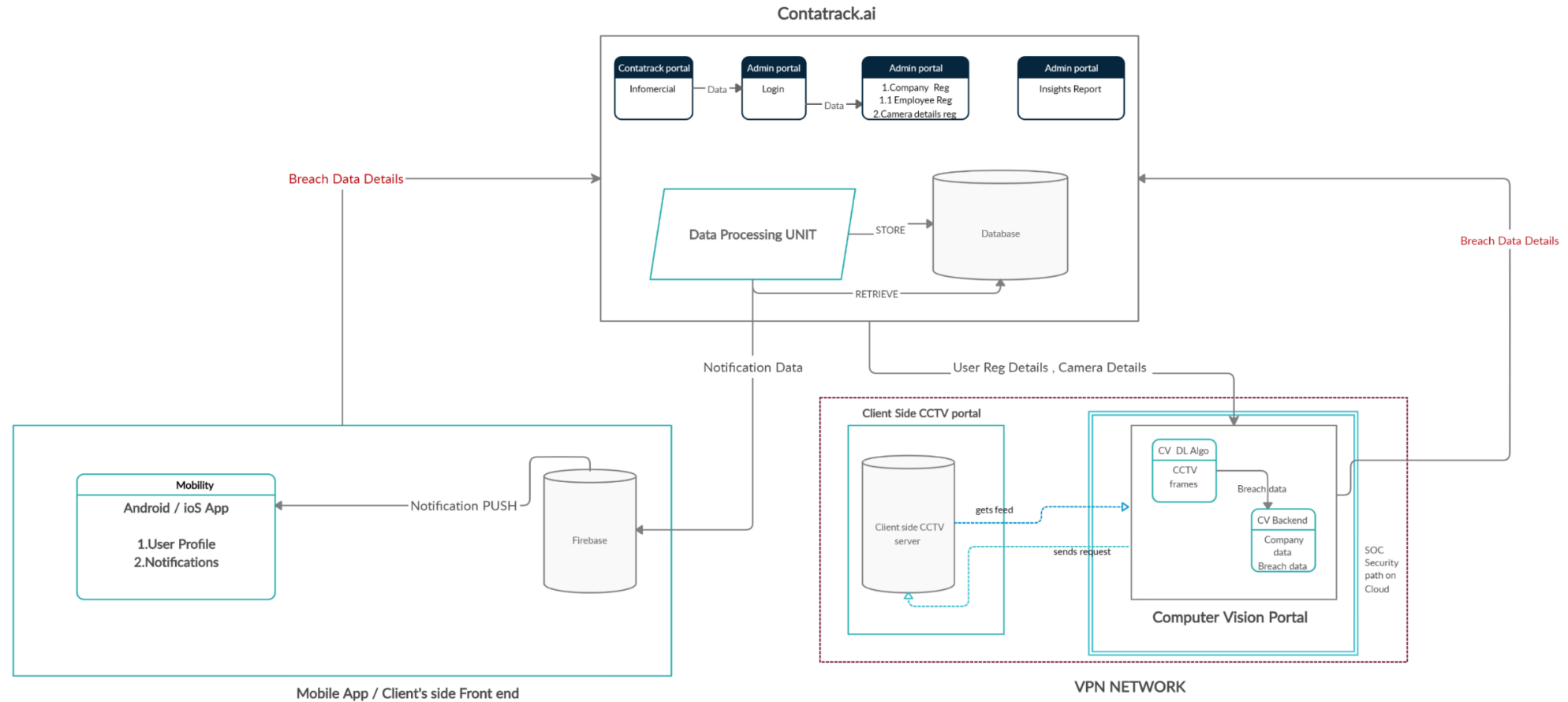


Custom/intuitive
dashboards and panels



Minimum hardware/
Human dependency

How Contratrack Works ?



CONTACT TRACING - CASE STUDIES





Contact Tracing & Visitor Management

Tier 1 Indian Educational Institute

22000m²

Campus Area

600

Total No Of Students

100

Total Staff

Business Needs

- Institute Authorities face problems regarding student attendance.
- Institute needs to maintain safe distancing protocol
- Institute need to track real time location of every student
- Institute need a zoning mechanism for internal mapping of campus
- Institute needs the solution for monitoring and governance of staff attendance, and track their timelines

Technologies & Environment

- IoT
- Bluetooth
- Gateways
- Sensors

Hipla Solution

- Hipla implemented contact tracing solution for the institute to enable authorities to remotely track real time location, route map, and route history of every individual within the campus,. Student & staff wear BLE enabled Hipla card
- Hipla Implemented a seamless visitor management system to automate entry, faster registration, restricted relevant building access and continuously monitor their whereabouts
- In case of Emergency relevant alarm will be triggered

Benefits to Customer

- Automated Student & Staff Attendance
- Intimations triggered on student/staff entry & exit
- Enabled automated alert for entry to restricted zones
- Emergency Management
- Crowd detection & Heat map generation
- Increased campus safety and security
- Successful implementation of contact tracing protocol



Contact Tracing & Visitor Management

Tier 2 Indian Real Estate Company

22000m²

Campus Area

600

Daily Visitor Count

Business Needs

- Indian real estate firm wants to monitor and control its high visitor and employee volume within campus
- They wanted a solution that provide approval-based access to specific office zone for both visitor & staff
- Real estate needed Queue Control for visitor at registration desk
- Need Contact Tracing solution for their Employees & Visitor Health Safety

Technologies & Environment

- IoT
- Bluetooth
- Gateways
- Sensors

Hipla Solution

- Hipla integrated and switched together few of its smart solution to boost efficiency and make a secured and healthy campus
- Visitor management system – Monitoring & Tracking
- Indoor navigation System – Intelligent visitor guidance
- Pantry Management – Viewing and accessing inventory(Food)
- Access control – Authenticate identification
- Energy management – Monitoring and controlling of electric consumption

Benefits to Customer

- Contact Tracing parameters to keep maintaining social distancing at workplace.
- Meeting booking, rescheduling & cancelling, Records of last meeting
- Complete monitoring and tracking of visitor, & Employees records, route history
- QR/BLE card access control
- Indoor navigation system, generate reports insight.

Ask for Pricing / Package

Professional

Medium-sized enterprises with a high employee/square foot density

App

Camera

Cameras in facility<10

Cameras in facility 10+

Users/Employees

Upto 500 users

Features

- Employee Route History for up to 7 days
- Partially customisable insights dashboard
- Safe Distancing using computer vision

Access

- Breach trigger notification, current safety level
- Partially-cutomisable admin panel - add/edit employees
- Partially-cutomisable insights dashboard - motion data, heat map
- Breach intelligence - who has breached safe social distancing, safety level of individuals who have breached

Enterprise

Extra-large enterprises with custom integration requirements

Customizable

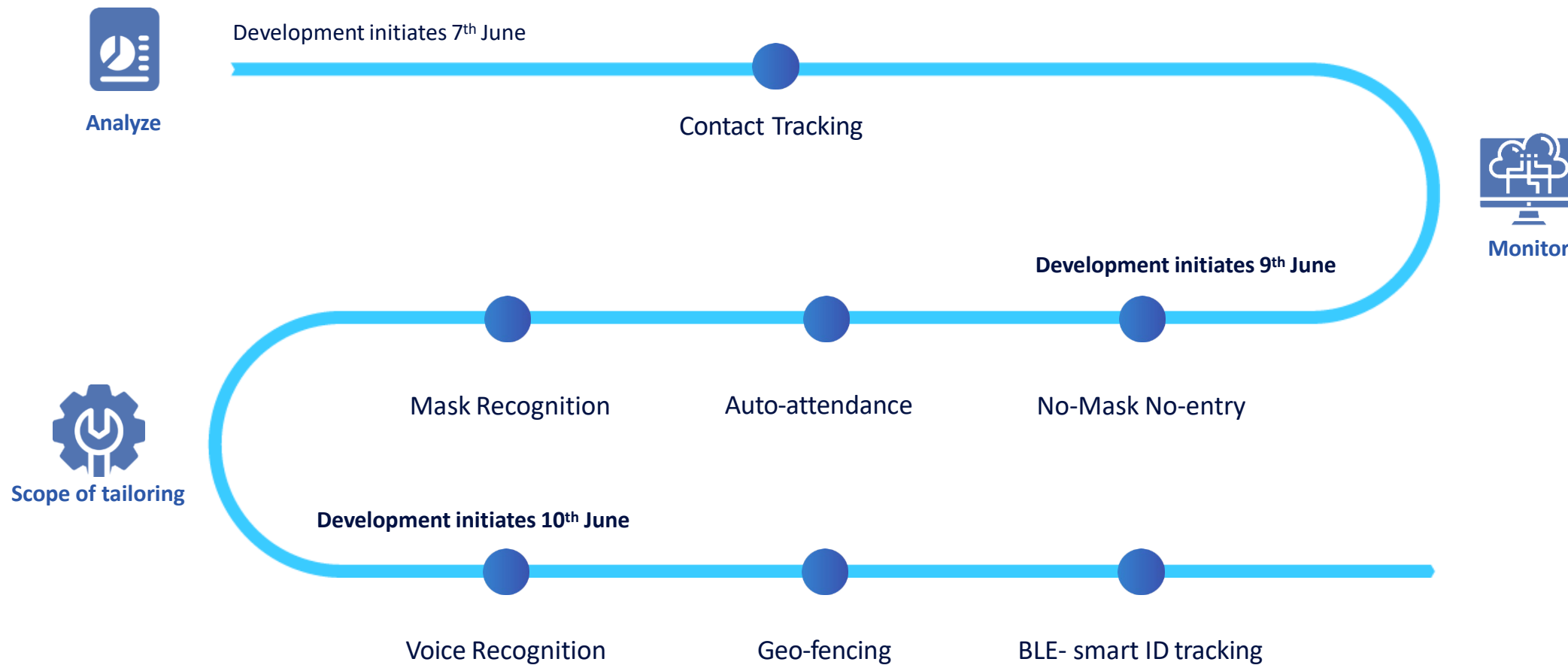
Features

- Custom intergrations with current tech intelligence
- Additonal visitor, meeting room integrations included in subscription
- Employee route history for 14 days
- Fully Customisable insights dashboard
- Fully customisable distancing metrics

Access

- Breach trigger notification, current safety level
- Fully-cutomisable admin panel -add/edit employees; set feet-wise metrics that determine breach
- Fully-cutomisable insights dashboard - motion data, heat map, computer vision analytics
- Breach intelligence - who has breached safe social distancing, safety level of individuals who have breached
- Breach metric variation allowed per zone of premise

Future_scape: Work In Progress



Thank You

For Details Please Contact

mumbai@wellsafetech.com >>9619539135

girish@wellsafetech.com >> 9970181270

