



# Wipro Co-Track

An Intelligent Tracking and Screening Solution for Covid-19



# Problem Statement

## Workplaces / Consumer-centric businesses / Facilities

Covid-19 pandemic has changed the business environment drastically; workers, office staff, visitors and customers are required to follow strict social distancing norms and contact tracing to resume business operations. Compliance with these norms will become critical to help businesses to function without further disruptions and help authorities to reduce the spread of the pandemic.



# Our Offering: Co-Track

## An Intelligent Tracking and Screening solution for Covid-19

Co-Track is an end to end modular and customizable IoT based solution for offices, retail shops, shop floors, workplaces, stores, warehouses, hotels, public facilities, restaurants etc. The solution ensures social distancing and enables contact tracing with no PII data collected or saved in the platform. The solution provides Geo wise, state wise, facility wise and individual wise information and reports to the stakeholders.

### Components

Smart Wearable,  
UWB / BLE smart  
devices

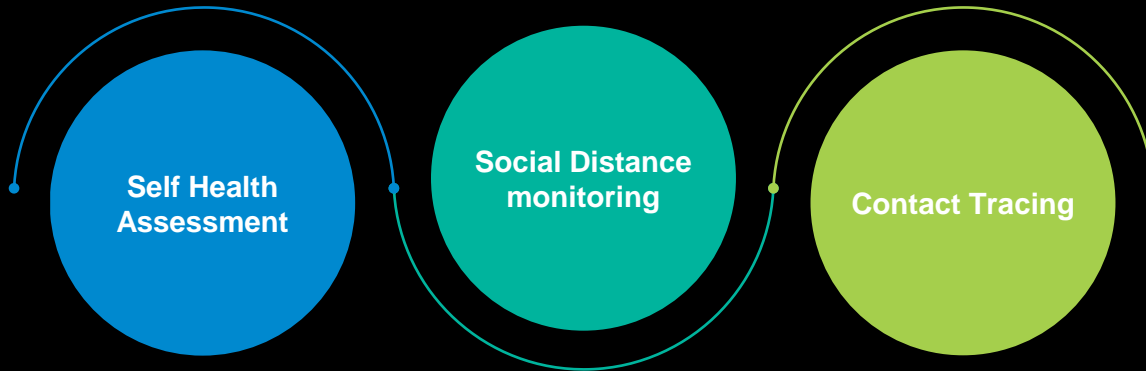
Mobile Application /  
Strategically placed  
readers to sync  
data from the smart  
device

Web Application for  
monitoring and  
report generation



# Covid-19 use cases for work place safety

Enabling safer work environment





# Social Distancing and Contact Tracing

## Problem Statement

As businesses reopen organizations need reliable ways to monitor social distancing in the workplace, shop floor and stores.

Contact tracing in case of positive COVID 19 diagnosis to ensure the safety and isolation of potential contacts, avoid community spread.

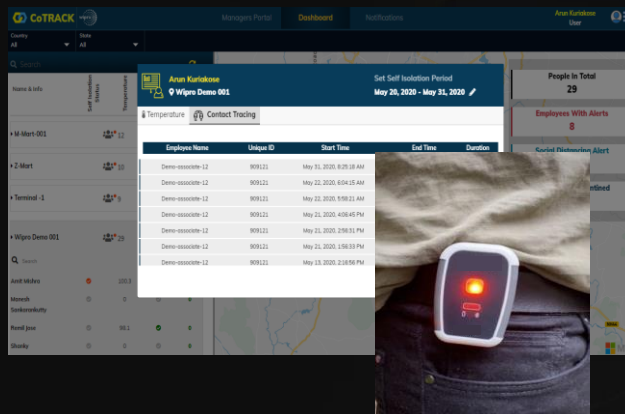
## Solution

UWB/BLE based device for social distance monitoring and contact tracing

Data sync from the device using mobile app or gateways

Alerts and notifications for violation of norms.

Logs events and violation of social distancing to **track contacts** in case any associate is diagnosed COVID 19 positive.



## Benefits

Real-time alerts for users to ensure social distancing.

Ability to do contact tracing in case of positive COVID 19 diagnosis.

No PII data capture to protect privacy and security.



# Self Health Assessment

## Problem Statement

Due to COVID 19 pandemic only a limited number of people with pre health assessment are allowed to enter the office premises

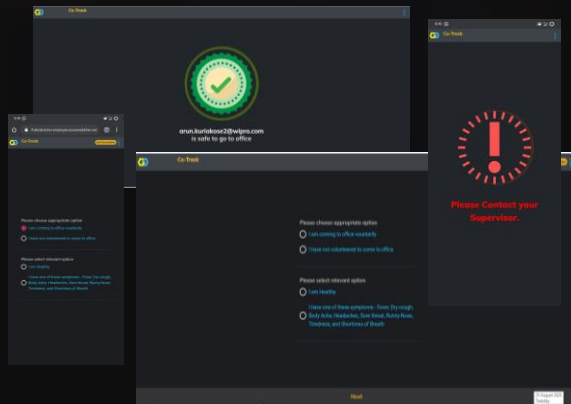
Businesses need a reliable solution to collect self health assessment and provide access to the employees according to it.

## Solution

**Mobile / responsive web app for** collecting the self assessment data.

System will generate entry tokens for the employees based on the response to the questionnaire

Ability to create different sets of questionnaire based on employee location



## Benefits

Secure, Scalable solution for self health assessment and declaration

Ensure compliance with safety norms

# Key Features

## Tracking and Screening Solution for Covid-19

01

**Ensure Social Distancing:** Ability to get real time social distancing breach information enables stakeholders to take timely action to reduce community spread.

03

**Self Declaration:** Ability to collect employee self health assessments safely and securely. Entry tokens generation based on the declaration.

02

**Contact Tracing with no PII data to manage:** Ability to trace the contacts if any associate is diagnosed with COVID 19 and take necessary precautions. PII data is not collected or stored on the platform, to address privacy concerns.

04

**Safety with seamless entry experience:** Safer environment for the Employees and visitors using self declarations, temperature screening and social distancing with seamless entry workflow.

# Social Distancing Device



## Social Distancing Device

### Features

- Social Distance sensing
- UWB + BLE
- Visual, haptic and auditory alerts
- Compact and easy to wear
- IP54 Rated
- Certifications: CE, FCC, EMC

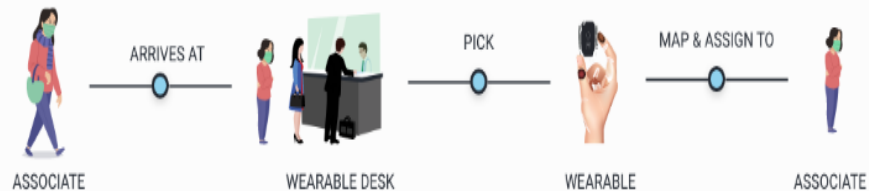
### Device





# Co-Track – Workflow

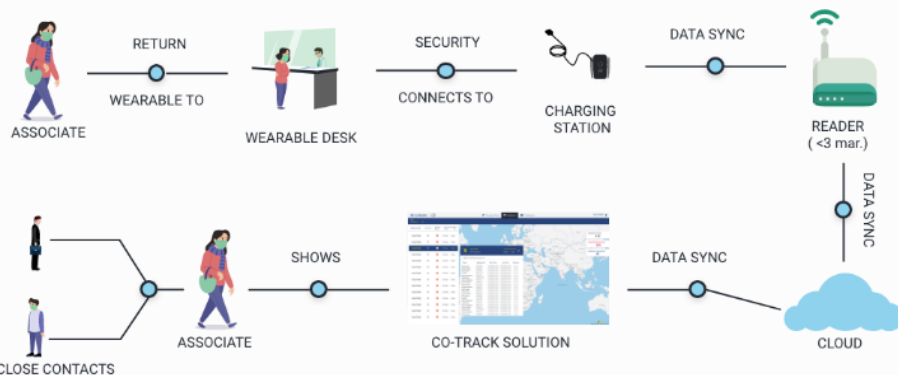
## STEP 1: ASSIGNING WEARABLE



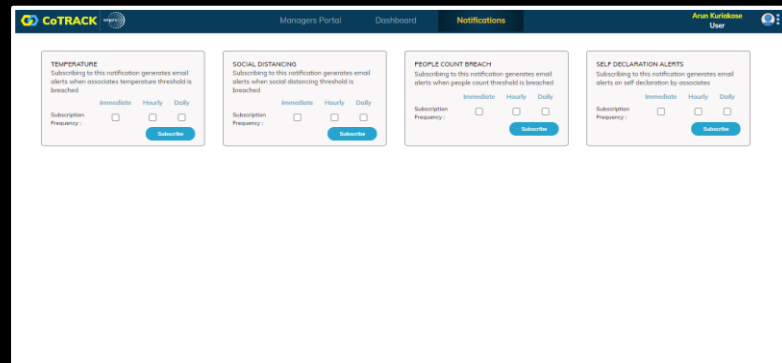
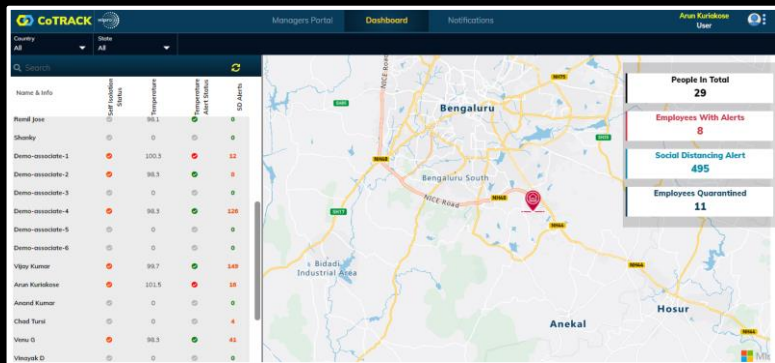
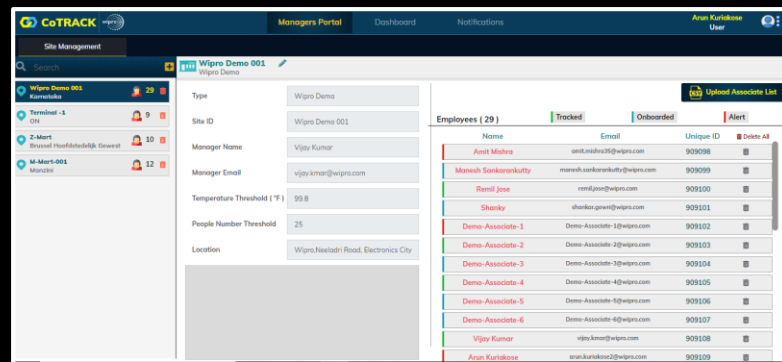
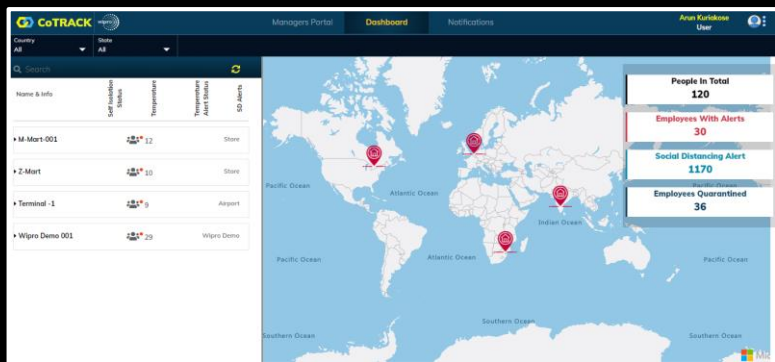
## STEP 2: ASSOCIATE WEARABLE FUNCTIONS



## STEP 3: RETURN WEARABLE & SYNC DATA WITH COTRACK



# Web Application screen shots



# Benefits

## SAFER WORKING CONDITION

Safer working conditions for the Employees and customers with alerts and notifications on Distancing and contact tracing.

## ENSURING COMPLIANCE

Ability for enterprises to monitor set norms by local authorities, take corrective action when needed, provide audit trail if needed

## ACCURATE INFORMATION TO THE STAKEHOLDERS

Ability to provide accurate information and reporting to the stakeholders for better preparedness to handle the pandemic

