



SmartSpace, Mobile Solution

Product Description and Technical
Specifications

Description:

The Smartspace social distancing device is a wearable badge that allows a business to trace physical interactions of employees within a workspace to minimize any potential economic impacts from communicable diseases or other transferrable pathogens. An administrator can have ready visibility over individuals who have had contact with a known carrier after a positive test and can only let affected employees know to take health and safety protocol actions. Additional features include visibility of who is on-site or not, and if that conforms to workplace policy if reduced on-site staff is required.

The Smartspace device utilizes a proprietary algorithm to leverage the benefits of both low-energy Bluetooth and Ultra-Wide Band technology to strike the correct balance of battery life and precision. Paired to an employee's phone, the two devices work together to alert the user of any important notifications related to health safety protocols, while also guiding proper social distancing conduct through metricizing and presenting contact time and distance with other employees.

SmartSpace has a simple, clean design, and automatically powers on and off when entering the workplace, maximizing battery life for up to 10 working days between recharges. Minimal maintenance by the employees enables high compliance, resulting in better data and social distance tracking. Should the employee forget, misplace, or not charge the device, an automated alert will notify them of the missing device.

Should an employee test positive for a pathogen, employers can quickly visualize contact tracing and set appropriate threshold limits of contact concern. Potentially exposed employees can easily be notified for targeted health and safety intervention, drastically minimizing the loss of productivity to an organization. With measurement resolution down to inches and seconds, the employer can prioritize safety and contract tracing within the organization. No infrastructure needed, just dedicated deployment to the protected employees. Simple to deploy and scale.

Safety is important to your organization and team members. The SmartSpace solution does not track your location outside of the geofenced work environment; it does manage the controlled environment by geofencing the defined location by the administrator. All data is kept encrypted and backed up on a secure cloud service, which is included.

Technical Specifications:

- **Communication Protocols**
 - BLE (Bluetooth Low Energy)
 - UWB (Ultrawide Band)
- **Resolution**
 - Distance = +/- 4 inches
 - Time = +/- 2 seconds
- **Battery**
 - 500mAh capacity Li-ION
 - 6-10 working days between charges
- **Charging**
 - USB-C power
 - USB-C cable included
- **Weight**
 - .071 Lbs. (1.14 oz)
- **Form Factor**
 - *Size of Device:* .26"x2.1"x3.4"
 - Fits on lanyard
- **Status LED Indicators**
 - *Flashing Amber:* Device is in pairing mode
 - *Solid Amber:* Device has been successfully paired
 - *Green Fade On/Off:* Device is plugged in and charging
 - *Solid Green:* Device has been fully charged
 - *Red Fast triple blink:* One-time alert when contact is made with another device
 - *Red Intermittent Fade On/Off:* Repeating periodic alert until the user reads urgent message
 - *Flashing Amber, Green, Red:* Device in "Find My Device" mode
- **Interface**
 - Device: LED Indicators
 - Smartphone application for both employees and administrators
 - Web Admin portal for Administrators
 - Geofencing defined by Administrator to define location devices function
 - Find my device feature in app
- **Requirements**
 - Smartphone: Android or Apple
 - Bluetooth on
 - Company domain email address
- **Data**
 - Secure and private, backed up cloud service (included)



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Roman Anaya, VP Sales

ranaya@segurollc.com

408.816.6307