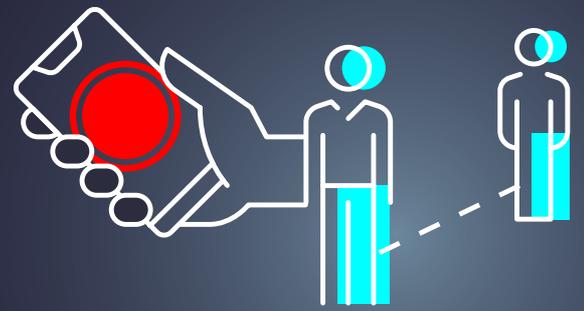




**SONARAX**  
data over sound



# Sonarax's Social Distance Keeper Stay In The Safe Zone With Measured Distance, Duration & Data

**Sonarax's Social Distance Keeper** can detect precise location and verify physical presence accurately - within 30 cm / 1 Ft with no dependency on an Internet or cellular connection. **Sound is the only connectivity medium that can be contained within a defined space.** Other wireless data communication mediums, such as WiFi or BT use radio waves (RF) which travel through dividers (walls, ceilings, floors) and cannot be contained.

## Keep Staff Aware and Guarded Using Mobile Phones

Distance	Duration	Data
Measuring and keeping distance between individuals to 6 Ft / 2 M.	Keeping an aggregate of Contact time span.	Contact Tracking and tracing engaged individuals while maintaining privacy

### DISTANCE



Sonarax's technology can pinpoint the whereabouts of any audio signal to a precise location. Microphones and speakers of any mobile phone act as acoustic sensors transmitting and receiving data. Once another phone is detected within the 2-Meter (6 Feet) desired barrier, the contact engagement is recorded and saved onto a log file stored on the mobile phone device.

Sonarax's protocol is able to verify physical presence even in the most challenging environments **including in movement.** By implementing the Sonarax communication SDK into an app, any mobile phone becomes a guarding mechanism for keeping the social distancing safe zone.

### DURATION



With a rate of 10-times-per-second sampling (ten times fold of any other such protocols), Sonarax offers the highest reliability and accuracy quickly. Each contact engagement is time-stamped and continues to record throughout the engagement until it ends, allowing a complete calculation of the contact time.

### DATA

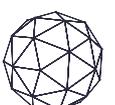


Sonarax's software assigns each user a unique ID which serves as the only data associated with a particular individual's phone number. While two (or more) phones are in a contact engagement phase, the contact between IDs is being recorded. This manner of on-device unique and random recording allows for privacy compliance. This ID is used for at-the-moment alert of being too close to another individual, and also to inform all those that came in contact with a verified patient, post contact. Organizations can use this anonymous aggregate data to gather analytics insight and make new data-driven informed decisions.

### RESPECTING PRIVACY



All recorded data remains on the user's mobile phone, as all communications take place directly device to device without transmitting information through a server. Unique ID, Time Span and Distance Maintenance are the only data points recorded within the user's mobile phone. This serverless architecture ensures privacy compliance and added security and is therefore safe from web hackers. For those organizations that wish to have their own staff members' data sent and saved to a server, that option exists.



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