Proximity Trace™

FOR EDUCATION

A Wearable Solution for Safe In-Person Learning

Contact Tracing and Social Distancing Alerts

In order to safely operate K-12 schools and university campuses, two protocols are critical for educational institutions to implement — ensuring distance regulations are being followed and being able to easily trace the close-contact interactions that will inadvertently happen. **Proximity Trace** was designed to support schools in both areas.

The main device of Proximity Trace, the **TraceTag™**, is worn on the body for proximity detection and contact tracing. The solution is designed to:

- Passively collect close contact interactions for efficient and reliable contact tracing should a student or staff member test positive.

- Help administrators make informed, data-driven decisions about potential spread and health of facilities

- Provide optional proximity alerts so students and staff know when they are too close to one another.

Student Safety and Privacy Are Our Top Priorities

Our TraceTags have undergone stringent review and under FCC Certification, our products are considered safe for use in direct contact with the body.

THE POWER OUTPUT IS

100x less than cellphones

10x less than airpods

- Student and staff identities can be anonymized in the Proximity Trace system

- No location tracking

- Not a mobile application and does not require use of personal cell phone or property

System Overview:

Students and staff will be issued a TraceTag to be clipped to the front of their clothing.

Gateways for collecting close contact interactions will be placed at exits and high traffic areas.

As an optional feature, TraceTags are able to emit a real-time progression of audible alerts when students/staff are in close proximity.

Close proximity interactions, including duration, are recorded on the TraceTag until it gains connectivity to the gateways and interaction data will then be transmitted to the cloud. Interaction range will vary depending upon the environment.

Goals:

✓ Passively collect interactions and duration to automate and digitize contact tracing efforts

✓ Provide a proactive system to support and condition students and staff to comply with social distancing

✓ Provide the information needed to guide COVID-19 protocols and make data-driven decisions about the opening or closing of schools

✓ Provide a solution that supports measures to limit the spread of infection

✓ Help schools and universities get back to normal operations with an easy-to-implement, user-friendly solution

System Details:

TraceTag:

- Records interactions for efficient and reliable contact tracing
- Rechargeable battery with multiple months of battery life between charges
- Real-time optional alert for close contact interactions
- No Bluetooth, GPS or on- or off-site location tracking

Gateway:

- Logs headcount/ attendance, transmits interactions to cloud
- Can facilitate remote configurations, including sounds

Optional Alert:

- Real-time audible alert will be emitted when an interaction is registered
- Alert and LED can be turned off for contact tracing only
- Optional escalation alert allows warning beep for timely distance correction; alarm can increase in intensity if distance is not corrected

Dashboard/ Data:

- Headcount/attendance
- Device management and administration
- Self-service contact tracing report; data includes timestamp, duration of interaction and participants

Wearable Option:

ALLIGATOR CLIP

Proximity Trace at a Glance:

- Gateways are cellular
- Device-to-device and device-to-gateway signaling
- No dependency on campus WIFI or internet
- No location data – on or off campus

Contact us to learn more:
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Proximity Trace is not a solution designed to keep students healthy. All users should be practicing the guidelines set forth by the CDC for maintaining healthy schools. Using Proximity Trace does not guarantee that you will not contract COVID-19 or any other viruses.