



Data-Driven Preparation and Response for Safer Workplaces

Enlighted's mission is to bring new insights about what is happening inside of buildings, and future-proof them by capturing rich data streams with our building IoT platform. Enlighted is creating new ways to leverage building data, ensuring a safer environment for your employees during COVID-19 and beyond.



A Digital Platform for Safer Workplaces

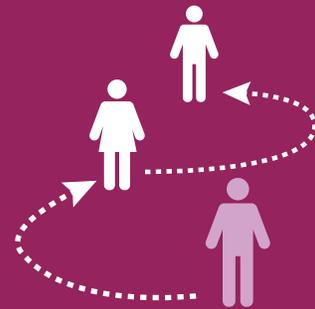
The Enlighted IoT platform combines industry-leading sensor technology with applications and data analytics. This enables organizations to make data-driven safer workplace plans, and respond if an individual tests positive for COVID-19. The system provides data and visualizations of the density and movement of people, monitoring workplace cleaning and disinfection, real-time overcapacity alerts for crowded spaces, digital contact tracing, and more.



Physical
Distancing



Monitor
Cleaning



Digital Contact
Tracing



Occupancy
Limits



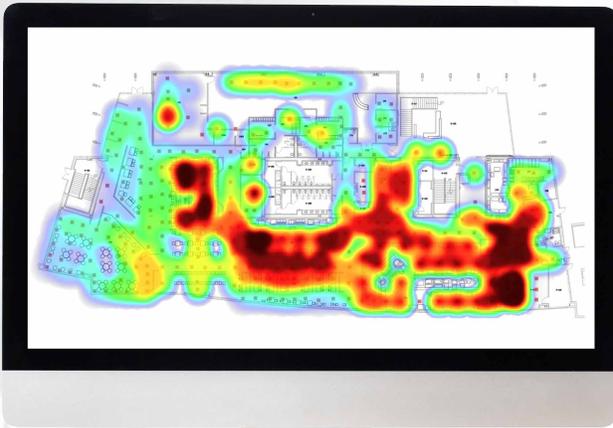
Touchless
Entry



Points of
Contact

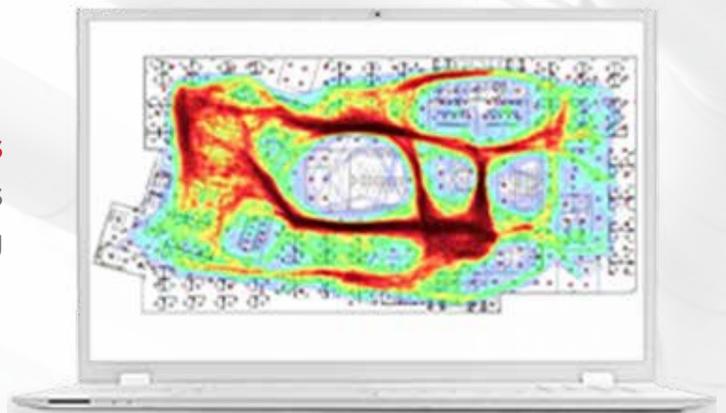
Solutions for Safer Workplaces

There are many ways that the Enlighted IoT platform can inform and support strategies to create a safer workplace. These solutions are effective for single buildings and campuses and scale to large global enterprise portfolios.



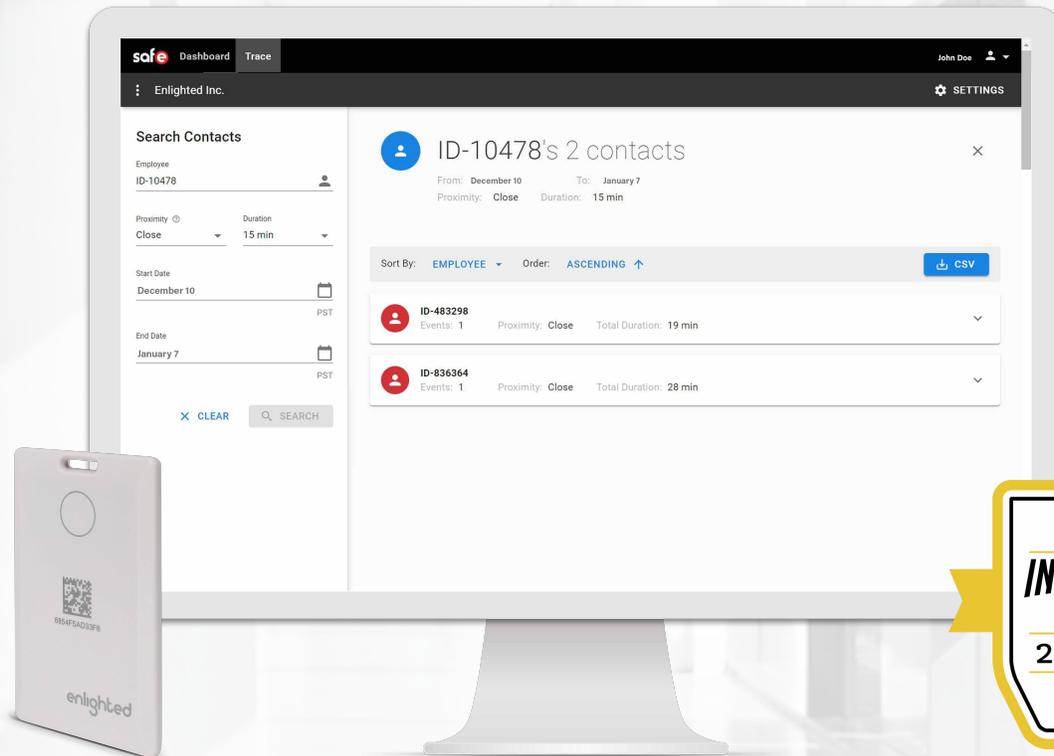
Density Heatmaps
Physical Distancing
Occupancy Limits

Motion Trails
Identify Bottlenecks
Monitor Cleaning



Employee Location
and Digital Contact
Tracing

Digital Workplace Contact Tracing with the Enlighted **safe** Application



The Enlighted Safe Application with contact tracing and dashboard risk analysis capabilities.

“BIG Innovation Award”
—Business Intelligence Group

Contact tracing refers to identifying individuals who may have come into contact with someone who has tested positive. Those who have should quarantine, according to health experts' guidelines and policies in place at the organization. Traditionally, this is an interview process based on recollection of the affected individual.

The challenge for contact tracing indoors is that memories are fallible, and it is particularly difficult to remember precisely where someone has been and who they have been in contact with inside a large facility over potentially multiple workdays.

The Enlighted award-winning Safe Application delivers digital technology to assist the contact tracing process. Built upon Enlighted's real-time location services capability, employees are provided badge tags they carry while in the workplace. Safe continuously records location, movement, and proximity of the badges relative to each other while in the building. Should an employee test positive, the application is used to assist identifying potentially exposed individuals based on proximity and duration. Safe also provides insight about how much contact is happening within the building to help inform risk-reduction actions. Privacy and anonymity options facilitate employee adoption.

How It Works

Step 1: The Safe engine records the location of moving badges within a building.

Step 2: The engine then calculates distance between badges and time spent in proximity.

Step 3: Space-based location analytics allow risk admins to visualize which spaces are the busiest, riskiest, and most over-occupied.

Step 4: Powerful search and reporting features empower risk admins to communicate with at-risk individuals, to optimize distancing policies, and design safer spaces.



Safe calculates and records the distance between badges and duration of contact.

Benefits of **safe**

Lower Risk: Support people density policies with technology by visualizing contact events across a building, or portfolio of buildings.

Better Decisions: Use data analytics to understand problem areas and make more informed policies and space design decisions.

Peace of Mind: Know your risk, visualize it, minimize it, and perform fast contact tracing in case of an exposure event.

Privacy-first Solution: Safe needs no personal information and does not require associating employees to specific badges. Instead, each badge is assigned an alphanumeric ID. At-risk badges may be posted and employees carrying those badges can self-identify. The location capability is limited to inside the building and does not function when the employee is outside the workplace.

Building a Data-Driven Return-to-Work Strategy

The Enlighted IoT platform can assist planners in preparing and executing a safe back-to-work strategy for their building.

CAPABILITY	DESCRIPTION
Usage Pattern Analysis	Understand how the facility is used, including which areas have higher or lower employee density. Assess time of day and location-based work patterns to improve physical distancing policies and formulate return to work plans.
Safe Distancing	Reduce occupant density in workspaces and meeting rooms, re-route heavily used pathways, and configure alerts that trigger when a space exceeds safe occupancy.
Better Workplace Sanitization	Use sensor data to optimize and validate cleaning routines. Monitor cleaning crew movements and identify areas that may have been missed. Schedule high traffic and high-density areas for deep cleaning.
Smart Desk Hoteling	Sensors mounted underneath desks identify which workspaces are in use. Connect to a desk reservation system for smart booking. Admins remove or block desks from inventory to improve distancing and use the system to make better use of the overall desk inventory. Obtain analytics on desk usage.
Digital Contact Tracing	Contact tracing that relies on memory is problematic, especially in a workplace setting. Digital contact tracing captures interactions to identify who a COVID-positive employee came into contact with. Admins can also utilize motion playback to see where people who have tested positive have been – to target cleaning efforts.
Privacy Options	Associating individual names with contact tracing tags is not required. Nor is a data-collection app on an individual's mobile phone. If desired, the system and process can be configured to send notifications using only depersonalized tag IDs. Additionally, all density and bottleneck pathway data is collected anonymously using motion data collected by the sensors.