SWIPESENSE

Contact Tracing

Reduce the Risk of Spreading Disease Within a Hospital

In the event of an infectious disease outbreak, like COVID-19, Pertussis, or Hepatitis A, hospitals rely on manual contact tracing methods, such as EHR chart reviews and staff recollection to determine possible exposure. These processes can take hundreds of hours, several staff members, and are often deemed unreliable - leaving staff and patients potentially at risk. In a world where staff are already faced with limited capacity and an increased volume of infectious disease cases, this process is untenable.

Automated Contact Tracing is Essential to Hospital Safety Infrastructure

Leveraging real-time, employee-level data on the SwipeSense platform, Contact Tracing automatically captures all employee-to-patient, and employee-to-employee contacts. This enables infection control and occupational health staff to generate an initial list of at risk staff, patients, and equipment with the click of a button.

SwipeSense Contact Tracing improves a hospital's ability to:

- **Protect employees and patients** from the spread of infection within a hospital, reducing the risk if PPE is not available or properly worn.

- **Accelerate exposure response time** allowing for immediate isolation and monitoring.

- **Eliminate exposure gaps** by automating data capture via sensors.

- **Identify medical devices** that were exposed to an infectious patient, signaling for removal and sanitation.

- **Enhance safety and facility preparedness**, assuring patients and employees of the hospital's safety.

Protect and Support Hospital Staff

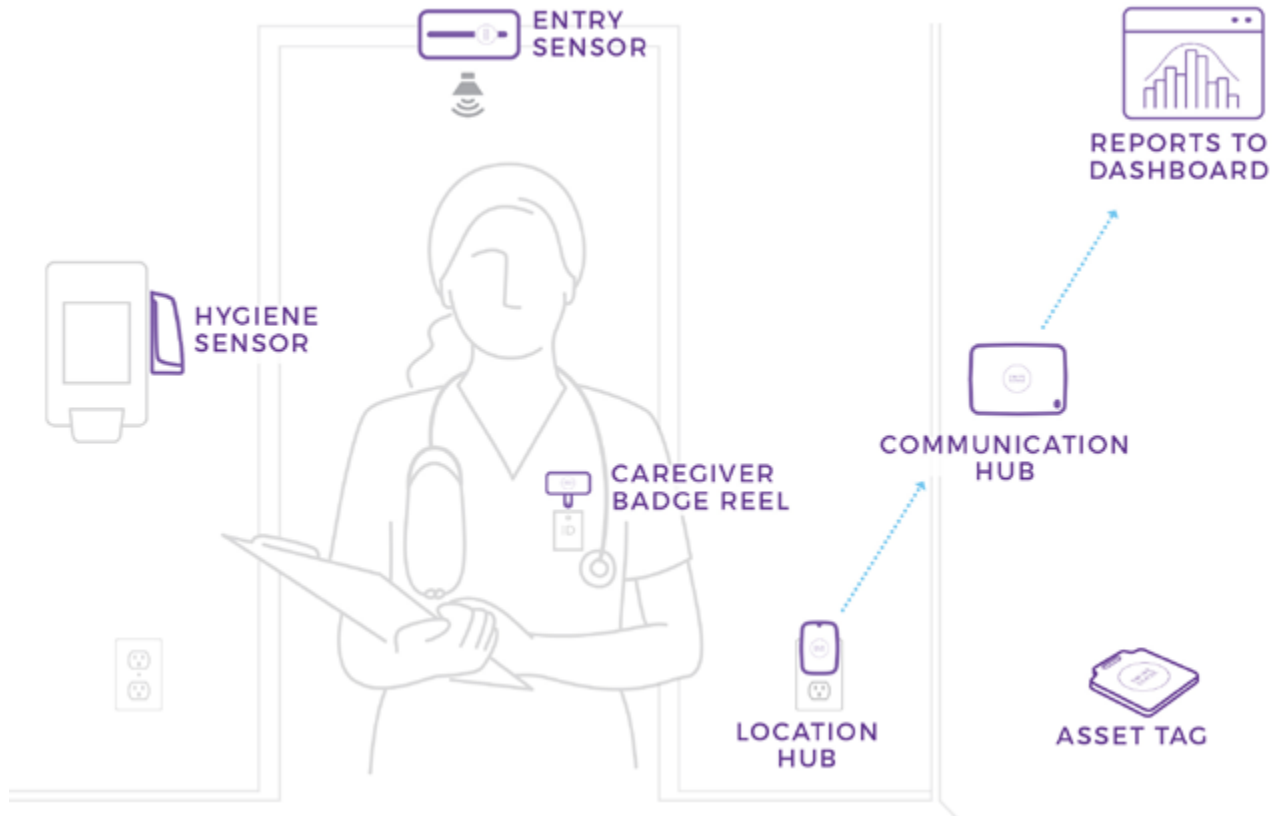UP TO **40%**
of all healthcare workers have been exposed to COVID-19[1]

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250+ HOURS
Employee time spent to handle a large outbreak event[2]

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1/3 OF
HEALTHCARE WORKERS
strongly agree that their organization's COVID-19 health policies will not keep them safe[3]

[1] https://www.contagionlive.com/news/infection-rates-covid-19-risk-healthcare-workers
[2] SwipeSense research, 2019
[3] https://www.gallup.com/workplace/312521/steps-healthcare-leaders-during-coronavirus.aspx

ENTRY SENSOR

HYGIENE SENSOR

CAREGIVER BADGE REEL

REPORTS TO DASHBOARD

COMMUNICATION HUB

LOCATION HUB

ASSET TAG

Using the SwipeSense RTLS sensor network, including Caregiver Badges and Asset Tags, Contact Tracing allows users to:

Generate initial exposure list within minutes, for employee and patient positive cases

Identify at-risk employee who came in contact with an infectious patient or employee across multiple locations

Quantify risk based on the number of times an employee entered an exposed room, and the duration of time, in minutes at which they spent with the patient

Monitor exposure risks in non-patient areas where employees may have removed or not worn PPE, such as in staff lounges or other common areas

Learn how the SwipeSense safety platform, including Electronic Hand Hygiene Monitoring, Asset Tracking, Nursing Insights, and Contact Tracing can support critical efforts to build a sustainable safety infrastructure.

Request a virtual demo.

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SWIPE SENSE