

Contact Tracing for Healthcare Environments

Reconstruct an exposure event in minutes, without adding a step to anyone's shift.



WHERE TRADITIONAL METHODS FALL SHORT

When a patient or staff member is identified as a confirmed or suspected exposure case, the investigation often depends on interviews, badge swipes, schedules, and memory. It takes days. It misses people. And it usually pulls more staff off the schedule than necessary, because nobody can say with confidence who was actually close to whom. The result is slower investigations, unnecessary staffing disruption, and uncertainty during an already demanding situation.

WHAT CONTACT TRACING DELIVERS

When an exposure investigation begins, the system looks back across a chosen time window and reconstructs who was near the affected person, where, and for how long.

Nothing changes for clinical staff. There is no button to press, no app to open, no action required at the moment of contact. The investigation looks backward, with nothing for staff to remember or document.

VISIBILITY BEYOND A CONTACT LIST

Most contact tracing tools hand you a table of names. Litum reconstructs the investigation visually, making it easier to understand what happened and explain the findings with confidence.

Path overlays. See where two people's routes actually crossed, rather than inferring it from timestamps alone.

Timeline playback. Replay the investigation window, pause at the moment of contact, and review the surrounding context.

WHAT IT MEANS FOR YOUR ORGANIZATION

Infection Prevention

Complete exposure investigations from a single system, supported by visual evidence that reduce reliance on interviews and memory.

Employee Health

Fewer staff pulled from the schedule per case, backed by evidence you can stand behind.

Nursing Leadership

Contact events are captured automatically during routine operations, without requiring staff to document interactions or change how they work.

Operations

The same badge can support contact tracing alongside other RTLS applications, reducing the number of devices staff need to carry, manage, and charge.

IT and Compliance

Contact records are reconstructed when an investigation is opened, with access limited to authorized users and policies aligned with organizational governance requirements.

KEY OUTCOMES

01

Investigations completed in hours instead of days

02

Evidence-based contact lists that reduce unnecessary time off the schedule

03

A documented investigation record for regulators, surveyors, and internal quality reviews



DEPLOYMENT OPTIONS FOR EVERY STARTING POINT

Add-on to your Litum platform

If Litum is already deployed in your facility, the infrastructure is in place. Contact Tracing builds on the same platform and existing wearable fleet and location infrastructure.

Rather than estimating who may have crossed paths, investigations are based on measured proximity, using the level of location certainty appropriate for your environment, from shared zones to precise positioning.

The result is a faster deployment, more reliable investigations, and additional value from the system already supporting your facility.

Start with Contact Tracing

For facilities introducing Contact Tracing ahead of a broader deployment, it runs on its own, scoped to the areas you want covered.

This means a lighter infrastructure footprint, long battery life, and a lower entry point. Detection is less precise than a full deployment, and we will tell you exactly where that line sits for your environment. When you are ready to expand, the same platform carries the next use case.

The location platform hospitals build on.

Contact tracing is one use of a platform built to carry many. Deploy the infrastructure once, then let it earn its keep across safety, patient experience, and operations, without standing up a separate system for each need.



A foundation that grows with you

The infrastructure deployed for one use case carries the next. Facilities expand into staff duress, infant security, patient flow, and asset visibility on the same platform, without rework or a second vendor relationship.



Precision that scales to the need

Litum spans zone-level presence and precise position within a single platform, combining UWB and BLE. You choose the level of certainty each use case calls for and pay for precision only where it changes the decision.



Proven in live healthcare operations

Litum is deployed in active hospitals where systems have to perform during peak hours, staffing changes, and high-traffic conditions. The platform is built for daily clinical reality, not pilot conditions.



Built in-house, from tag to software

Litum designs and manufactures its own hardware and develops its own software. When an environment needs something specific, the people who built the system are the ones who adapt it.

BUILT FOR RESULTS, TRUSTED BY LEADERS



AWARD-WINNING TECHNOLOGY



Learn more about our
Healthcare Solutions