STANLEY Healthcare

Contact Tracing
for Hospitals

Ensuring health and safety for patients and staff

AeroScout®

KLAS
8-TIME WINNER
RTLS

Solution Benefits

- **Automates and simplifies** contact tracing for faster and more accurate results than manual tracing

- **Helps mitigate risk of exposure** from existing cases

- **Boosts public confidence** in the safety of healthcare for patients seeking medical care (e.g., elective procedures, emergency visits, and more)

- **Rich data** for future analysis

Challenges

While hospitals always strive to reduce hospital-acquired infections (HAIs), COVID-19 has raised the stakes for infection prevention and control. Hospitals now face an urgent need to implement even more sophisticated tools and processes, including tracing anyone who has been in contact with an infected individual.

Contact tracing is critical to pinpoint and address the specific people and area(s) of a hospital that may be at risk after an individual has tested positive. It avoids the cost and complexity of shutting down an entire unit or building, as well as the need to require everyone who was in the hospital to undergo testing and/or self-isolation.

With many people continuing to postpone elective diagnostic and treatment procedures, contact tracing is critical to restoring public confidence that it is a safe environment for patients and staff.

Solution

STANLEY Healthcare's AeroScout® RTLS platform has long supported people visibility—the ability to capture the real-time location and movement of staff and patients throughout a healthcare facility. Traditionally, hospitals and healthcare organizations have used people visibility to optimize nursing workflows and patient flow, or to ensure the safety of clinicians and patients.

The RTLS platform now offers a Contact Tracing* solution for automating data capture, analysis and reporting of the proximity of patients, staff and visitors. By badging staff members, patients and visitors, hospitals can continually monitor their locations and movements. This greatly simplifies the process of identifying everyone likely to have come in contact with a person testing positive for COVID-19 (or other infectious diseases). Data are securely stored, with access limited to authorized users with appropriate permissions.

How It Works

Wireless badges are assigned to and worn by people while in the hospital. Each badge is linked to an individual identity, with movements continually recorded by the RTLS platform and stored in case they are needed for future analysis.

When a patient, a caregiver or a visitor tests positive for COVID-19 *(see Figure 1)*, a hospital needs to know where they have been, how long they were in each space and who was in close proximity to them during their time in the hospital. Using Contact Tracing* and following privacy guidelines, a hospital administrator can quickly generate a report listing patients, caregivers and visitors with whom they may have had contact while at the hospital, with the duration and location of contact.

In addition to the Contact Tracing report, the solution can provide historical location reports that show where an individual has been within the hospital *(see Figure 2)*. This can help confirm which areas may need to be temporarily closed or sanitized.

FIGURE 1. *Contact Tracing Report Sample Excerpt*

Case Name	Case ID	Exposed	Exposed ID	Duration	Start Date	End Date	Location	Confidence
Rebecca J.	7390271635	Robert B.	1837208	60	7/20 16:35	7/20 17:35	Room 4121	High
Rebecca J.	7390271635	Mary L.	5297103	110	7/20 16:34	7/20 18:24	Room 4121	High
Rebecca J.	7390271635	Terry G.	2321106	90	7/20 16:31	7/20 18:01	Room 4121	High
Rebecca J.	7390271635	Jamie Z.	5293552	30	7/20 18:30	7/20 19:00	Nurse Station	Medium
Rebecca J.	7390271635	Jeff T.	7393728	15	7/20 13:52	7/20 14:07	Floor 2/Lab	Low

FIGURE 2. *Sample Staff Member Historical Location Report*

Full Spectrum of Safety and Infection Control Applications

In addition to Contact Tracing, STANLEY Healthcare's RTLS platform supports a range of applications for safe, connected and productive care, in use at hospitals across the country.

Asset Management

Gain visibility to the location and status of assets critical to patient care. Ensure contaminated equipment is in the correct areas and fully sanitized before being recirculated for use.

Contact Tracing can include assets, to identify individuals who have been in contact with affected medical devices.

Hand Hygiene Compliance Monitoring

Use RTLS to provide accurate, continuous and objective monitoring of clinicians' compliance with hand hygiene practices. These insights are critical to reducing COVID-19 infection risk for staff and patients.

Temperature & Environmental Monitoring

Delivering 24/7 wireless monitoring to ensure temperature-sensitive materials are stored safely. Eliminating low-value manual data recording raises efficiency, simplifies compliance and reduces cost.

Contact tracing will be an essential tool for risk mitigation and boosting public confidence in the safety of healthcare. STANLEY Healthcare's RTLS platform is the best choice for any hospital seeking not only to automate and simplify contact tracing, but also to unleash the full potential of RTLS use cases. Call **1-888-622-6992** today to learn more.

About STANLEY Healthcare

Over 15,000 hospitals and senior living communities rely on STANLEY Healthcare solutions to empower caregivers to deliver better care. STANLEY Healthcare is a part of Stanley Black & Decker and a proud supporter of the Alzheimer's Association®. Learn more at **stanleyhealthcare.com**.

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