

Limit the spread of infectious disease, enhance safety and improve workflow with automated contact tracing from CenTrak.

During an outbreak of any kind, it is important to know who and what encountered a contagion, for how long and in which locations. Being able to identify equipment and individuals in close contact with the disease allows healthcare facilities to contain the spread of infection quickly and effectively without shutting down entire buildings or floors. CenTrak's contact tracing solution is a contact history log, based on location, that accurately tracks interactions with other people and facility equipment, as well as where these interactions occurred.

Quickly notifying individuals who have been exposed helps to dramatically reduce disease spread. With accurate information collected seamlessly in the background as staff provide care, your facility can avoid labor-intensive processes associated with manual contact tracing. Manual efforts may take days, often exponentially increasing exposure rates while staff spend precious time conducting interviews or reviewing manual logs. Self-reported data that relies on memory are also typically error-prone and cannot adequately document all recent interactions. With automated contact tracing, staff can create and review a contagion report within seconds. This will allow you to conduct more informed risk assessments and implement the appropriate testing and quarantine protocols that won't significantly impact resource availability or patient care. Furthermore, isolating equipment used on infected individuals and knowing which rooms are contaminated enables targeted cleaning procedures that limit infection spread.

Solution Benefits



Reduce the spread of infection



Decrease costs associated with HAIs



Identify those most at risk in seconds



Eliminate guesswork related to manual processes



Target testing, communications, cleaning & isolation



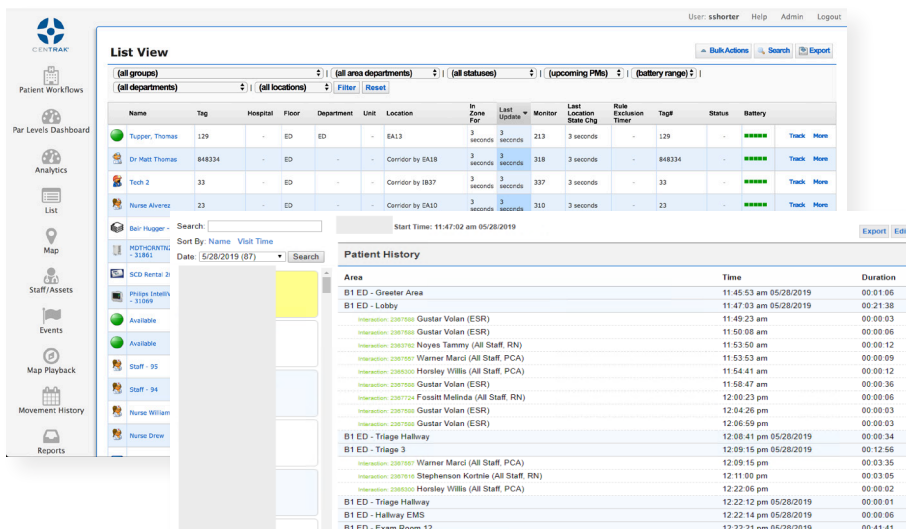
Improve confidence in patient, staff, and visitor safety



Leverage same system for additional Infection Prevention use cases



Maximize ROI with integration to EMR and other IT systems



The screenshot displays the CenTrak software interface. At the top, there's a navigation bar with 'User: shorter', 'Help', 'Admin', and 'Logout'. Below this is a 'List View' section with filters for '(all groups)', '(all departments)', '(all statuses)', '(upcoming PIRs)', and '(battery range)'. A table lists individuals with columns for Name, Tag, Hospital, Floor, Department, Unit, Location, In Zone For, Last Update, Monitor, Last Location, Rule Exclusion, Tag#, Status, and Battery. Below the table, there's a 'Patient History' section showing a detailed log of interactions, including Area, Time, and Duration.

Name	Tag	Hospital	Floor	Department	Unit	Location	In Zone For	Last Update	Monitor	Last Location	Rule Exclusion	Tag#	Status	Battery
Tupper, Thomas	129	-	ED	ED	-	SA13	3 seconds	213	3 seconds	-	-	129	-	██████
Dr Matt Thomas	848334	-	ED	-	-	Corridor by EA18	3 seconds	318	3 seconds	-	-	848334	-	██████
Tech 2	23	-	ED	-	-	Corridor by 1B37	3 seconds	337	3 seconds	-	-	23	-	██████
Nurse Alvarez	23	-	ED	-	-	Corridor by CA10	3 seconds	310	3 seconds	-	-	23	-	██████

Area	Time	Duration
B1 ED - Greater Area	11:45:53 am 05/26/2019	00:01:06
B1 ED - Lobby	11:47:03 am 05/26/2019	00:21:38
Interaction: 2387564 Gustaf Volan (ESR)	11:49:23 am	00:00:03
Interaction: 2387564 Gustaf Volan (ESR)	11:50:08 am	00:00:06
Interaction: 2387564 Noyes Tammy (All Staff, RN)	11:53:50 am	00:00:12
Interaction: 2387564 Warner Marc (All Staff, PCA)	11:53:53 am	00:00:09
Interaction: 2387564 Horsley Willis (All Staff, PCA)	11:54:41 am	00:00:12
Interaction: 2387564 Gustaf Volan (ESR)	11:58:47 am	00:00:36
Interaction: 2387564 Fossitt Melinda (All Staff, RN)	12:00:23 pm	00:00:06
Interaction: 2387564 Gustaf Volan (ESR)	12:04:26 pm	00:00:03
Interaction: 2387564 Gustaf Volan (ESR)	12:06:59 pm	00:00:03
B1 ED - Triage Hallway	12:08:41 pm 05/26/2019	00:00:34
B1 ED - Triage 3	12:09:15 pm 05/26/2019	00:12:56
Interaction: 2387564 Warner Marc (All Staff, PCA)	12:09:15 pm	00:03:35
Interaction: 2387564 Stephenson Kortnie (All Staff, RN)	12:11:00 pm	00:03:05
Interaction: 2387564 Horsley Willis (All Staff, PCA)	12:22:06 pm	00:00:02
B1 ED - Triage Hallway	12:22:12 pm 05/26/2019	00:00:01
B1 ED - Hallway EMS	12:22:14 pm 05/26/2019	00:00:06
B1 ED - Exam Room 12	12:22:21 pm 05/26/2019	00:41:41



CenTrak's user-friendly software application provides data you can trust

Quickly review direct, secondary, and tertiary exposures

Movement History – This easily exported report shows movement of staff, patients, and tagged equipment. Filter by location, timeframe, or individuals. “Others here” feature displays everyone who has entered that same room.

Map Playback – This is a live playback of movement within an area during a certain time period. Event responses, movement patterns and times in specific rooms can be recreated. Users are also able to speed up or slow down the replay.

Area Activity History – This report will show all patients, staff, and assets, as well as their enter and exit date/time for a specific room or location. This information can be easily exported for detailed inspection and analysis.

Patient Log Viewer – Administrators can filter through each patient to see which rooms they went into and whom they interacted with. Data includes the exact length of time spent in the respective areas to calculate exposure.



Location Accuracy

CenTrak's Clinical-Grade location technology delivers certainty-based location data covering rooms, bays, nursing stations, hallways, and other relevant areas. Rapid location and condition updates reliably capture movement of equipment, patients, and staff within seconds.



Optimal Performance

Based on your unique environment, we help you choose the most appropriate technology (Wi-Fi, BLE, Gen2IR™, LF, UHF) for your desired use case. Consulting and managed services programs are also available to prescribe optimal workflow design and assist with maintenance activities.



Scalable Solution

A total infection prevention solution, CenTrak also supports electronic hand hygiene compliance monitoring, asset and medical scope management, temperature and environmental monitoring, and more. Having a single RTLS infrastructure to manage and maintain provides simplicity across the entire healthcare enterprise.



Purpose-Built

CenTrak offers the largest selection of RTLS wearable devices including single-use patient tags, reusable badges, the smallest asset tags on the market, tags with configurable buttons to trigger custom workflow notifications, and tags designed for specialty use cases such as medical scope management.

Product Portfolio

Asset Tags



Asset Tag Mini Asset Tag Micro Multi-Mode Asset Tag

Staff & Duress Badges



Staff Badge Duress Badge

Patient Tags



Patient Tag Mini Adult SecureTag™ Infant SecureTag newborn™ Umbilical Tag newborn™ Tag

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