

Reduce healthcare infections to enhance patient safety and improve financial performance

Solution Outcomes: ROI achieved from a single CenTrak customer

40%

Increase in Compliance

43%

Decrease in Total HAI Count

\$1M+/Yr.

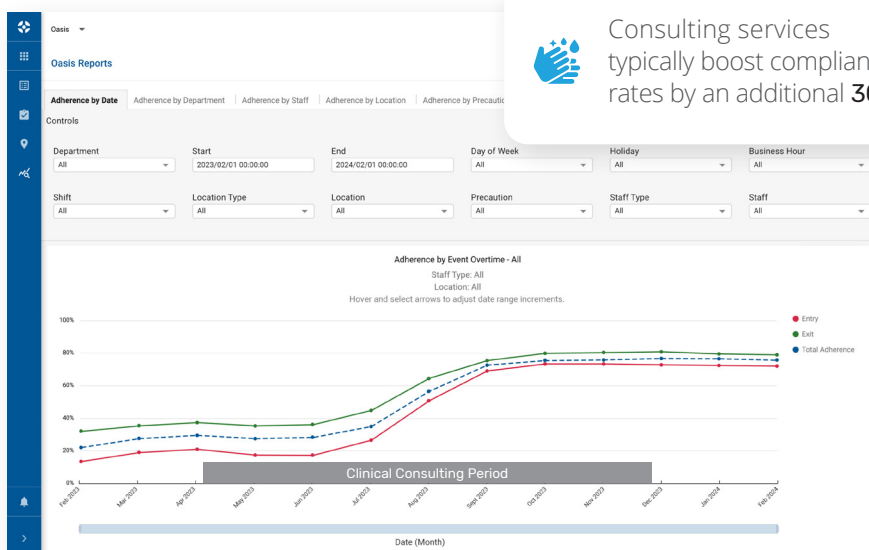
Cost Savings in HAI Reduction

Improving hand hygiene compliance is the most effective measure to reduce the spread of Healthcare-Associated Infections (HAIs) for both patients and staff. Through accurate and reliable real-time location system (RTLS) technology, that identifies when staff members enter and exit patient rooms, CenTrak collects opportunities for performing hand hygiene, reports all hand hygiene events, and delivers actionable insights to staff – guided by our expert clinicians, every step of the way. Our end-to-end hand hygiene compliance monitoring solution provides location infrastructure, staff badges, hand hygiene sensors, and intuitive, cloud-based software tools. By increasing hand hygiene compliance, staff can reduce the spread of infections, improve patient outcomes, and lower treatment costs.

Clinical Consulting to Drive Meaningful Change

CenTrak's Clinical Consulting provides guided change management integral to successful system deployment and staff adoption. With a thorough analysis of hospital data, CenTrak delivers a customized action plan highlighting areas of strength and those for targeted growth. Our clinicians partner with you to mitigate risk and hardwire hand hygiene best practice into your clinical workflows – helping you to improve compliance rates and achieve significant ROI.

- Monitors 100% of hand hygiene opportunities
- Compliance data is not subject to human error or reactive bias
- Improves clinical workflow with no change in established hand hygiene protocols
- Eliminates time spent doing data entry and building compliance reports
- Comprehensive analysis tools to identify where additional interventions are needed
- Proactively increases compliance

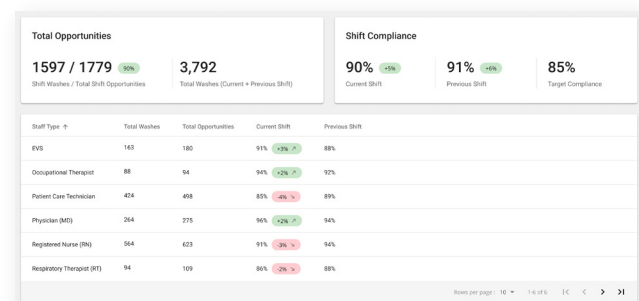




The Joint Commission and The Leapfrog Group have made their hand hygiene compliance monitoring requirements more rigorous. With over 200 observations per month in each patient care unit, Direct Observation is far too labor intensive, expensive, and typically only accounts for less than 5% of all hand hygiene events. The most significant disadvantage is the potential to influence the behavior of those who know they are being observed (Hawthorne Effect), which leads to grossly inflated hand hygiene compliance rates. CenTrak's Electronic Hand Hygiene Compliance Monitoring will enable your facility to efficiently meet reporting requirements, monitor all hand hygiene events, and capture true compliance rates for future analysis.

Intuitive User Application, Customizable Workflows, and Extensive Reporting

CenTrak's software application provides at-a-glance dashboard views, configurable reports to demonstrate compliance, as well as robust analytics for operational insights. Report types include overall hand hygiene opportunities, compliance by staff group, role, room, time of day, and individual staff members. The system also supports customizable room rules, such as the requirement to use soap vs. sanitizer, as well as workflow adjustments to configure the appropriate timeframe for staff adherence based on room type.



How it Works:

CenTrak's Clinical-Grade Locating™ accurately defines a patient space to determine if a healthcare worker washed their hands upon entering and again when exiting. The hand hygiene sensor detects when a staff badge is nearby and if the individual has activated the dispenser or hand washing station. The hand hygiene opportunity and adherence event are then recorded in the software. Compliance data can be viewed at the hospital-, departmental-, role-, or individual-level, allowing healthcare facilities to audit hand hygiene processes and facilitate workflow enhancements. Proper hand hygiene is crucial to help break the chain of infection.

Hand Hygiene Sensor

- Embedded sensor option for most major dispenser manufacturers (utilizes dispenser battery)
- Battery-powered sensor with easy, cable-free installation (mounts to or under various dispensers, canisters, pumps, or sinks)

Staff Badge

- Durable, ultra-thin and lightweight
- Does not require line of sight
- Can also be used for contact tracing, staff duress and nurse call automation



Embedded Sensor



Hand Hygiene Sensor



Drip Tray



BLE Multi-Mode Badge

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