

Hand Hygiene Solution

The most accurate, easiest to use, and cost-effective way to monitor compliance.



Healthcare-associated infections remain one of the most persistent risks in clinical environments. While hand hygiene is widely recognized as the single most effective way to prevent cross-contamination, many hospitals still struggle to measure and improve compliance in a meaningful way.

HID's Hand Hygiene Solution provides a reliable, automated approach to monitoring and improving hand hygiene practices across your facility. By capturing real-

time compliance data and delivering actionable insights, the platform helps healthcare organizations strengthen infection prevention programs while supporting safer patient care.

CHALLENGES

When compliance monitoring is manual, inconsistent and incomplete

Clean hands are the foundation of infection prevention. Yet healthcare organizations around the world continue to face challenges in accurately measuring and improving compliance.

Hand hygiene compliance among healthcare workers is estimated to be below 50% globally, despite the critical role it plays in preventing healthcare-associated infections.

Many hospitals still rely on manual observation programs, which can be expensive, inconsistent and difficult to scale. Staff behaviour often changes when observers are present, leading to inaccurate reporting and incomplete data. At the same time, traditional monitoring approaches require significant administrative effort, diverting resources away from patient care.

Without reliable data, infection prevention teams struggle to establish accurate baselines, identify improvement opportunities and sustain compliance over time. The result is a gap between policy and practice that can put patients, staff and healthcare organizations at risk.

SOLUTION

HID's Hand Hygiene Solution

HID is revolutionizing the healthcare industry with an affordable, accurate and easy-to-use automated hand hygiene monitoring system. The system captures compliance events continuously and delivers near real-time visibility into hand hygiene performance across departments, units and individual healthcare workers.

By combining accurate monitoring with easy-to-understand reporting, the platform helps infection prevention teams move beyond periodic audits toward data-driven improvement.



Healthcare organizations gain:

- Near real-time visibility into hand hygiene activity at the room and caregiver level
- Personalized scorecards that help healthcare workers understand and improve their compliance
- Reliable performance data that supports infection prevention initiatives and reporting requirements

The result is a scalable solution that enables hospitals to monitor compliance more accurately, reduce administrative burden and strengthen patient safety.

HOW IT WORKS

Operationalizing the WHO Five Moments for Hand Hygiene

HID's Hand Hygiene Solution embeds the WHO Five Moments for Hand Hygiene directly into its technology.

Rather than relying on periodic audits, the system automatically captures compliance events based on proximity to the patient bed zone and defined in-and-out workflows. This approach operationalizes the Five Moments in real time and eliminates the need for manual observation or data collection.

The platform continuously measures:

- Bed zone proximity and room-level movement
- In-and-out compliance standards
- Handwashing duration
- Individual healthcare worker compliance
- Every compliance event across the facility

Monitoring occurs 24 hours a day, 365 days a year, providing healthcare organizations with a true baseline for compliance.

Facilities can then use personalized scorecards, targeted training and ongoing insights to improve performance over time.

Hospitals commonly see compliance increase by 30–40% within the first year, with mature programs achieving sustained rates of 80–90% compliance. Improvements of this scale directly support patient safety initiatives and reporting standards such as the Leapfrog Hospital Safety Grade.



ISSUES & CHALLENGES

- Global hand hygiene compliance among healthcare workers is below 50%
- Manual observation programs often provide incomplete and inconsistent data
- Manual observation is costly and time-consuming, removing healthcare workers from patient care

SOLUTION IMPACT

- Compliance improvements of 30–40% in the first year
- Sustained compliance levels of 80–90%
- Continuous monitoring 24/7 across every unit

BENEFITS

Accurate data that supports infection prevention and safer care

HID's Hand Hygiene Solution helps healthcare organizations improve compliance while reducing the operational burden associated with traditional monitoring programs.

Improve infection prevention programs

- Continuous monitoring provides a reliable baseline for compliance
- Individual and group-level reporting enables targeted improvement initiatives
- Supports reporting requirements and quality improvement goals

Simplify deployment and operations

- Works with any brand of soap and/or sanitizer
- Fully standalone solution requiring no integration with hospital Wi-Fi or network
- No device recharging or reprovisioning required, ever

Deliver actionable insights

- Captures and reports handwashing duration
- Provides both group-level and individual-level reporting
- Enables continuous monitoring without manual observation

WHY HID HEALTHCARE RTLS

HID's Hand Hygiene Solution delivers enterprise-grade, purpose-built real-time location solutions designed specifically for healthcare.

With a comprehensive single-vendor platform supporting asset management, patient and staff safety, environmental monitoring, hand hygiene and wayfinding, HID enables hospitals to deploy today and scale for future use cases.

Trusted by approximately 80% of hospitals, HID partners closely with healthcare teams at every level, every step of the way, to ensure secure deployment, seamless integration and long-term adoption across the organization.

SEE HAND HYGIENE IN ACTION

[Schedule a demo](#) today and discover how our [Hand Hygiene](#) solution can help your organization improve compliance, strengthen infection prevention programs and support safer patient care.



We are members of the Leapfrog Partners Advisory Committee. The Leapfrog Group is the nation's foremost voice for patient safety, advancing the highest standards for health care quality and excellence. We proudly support the mission of giant leaps for patient safety. Learn more at www.leapfroggroup.org.



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