

# Reduce Healthcare Associated Infections with a Digital Infection Prevention & Control Solution

# Thinaer

Thinaer offers a highly-calibrated, low-cost, easy-to-deploy solution that uses data from the **devices you already own** and feedback from the **people you already employ** to give you real-time insights and automated alerts that help you manage infection.

Find out more at [www.thinaer.io/healthcare](http://www.thinaer.io/healthcare)

## Pinpoints the root cause of infection

- Highly-calibrated, low-cost Internet of Things sensors will rapidly identify the source of an infection.
- Staff insights gathered from our human feedback platform help you understand why infection occurred and how to prevent it.

## Predicts when environments are at high-risk of HAI

- A dashboard displays key metrics in real-time.
- Ongoing analytics highlight emerging and recurring problems that increase risk of transmitting HAIs.
- Staff feedback identifies emerging issues.

## Alerts you when and how to take action

- Automated hand hygiene solution encourages high compliance with clean hands.
- Triggers notify staff when issues are detected.



"This is the business leader's x-ray. Using aggregated behavioral-based feedback from our employees on patient throughput, data collected shed light into our organization's clinical operations."

### DR. GORDON MOREWOOD

Chair of the Department of Anesthesiology and Anesthesiologist-in-Chief,  
Temple University Health System

Contact [info@thinaer.io](mailto:info@thinaer.io) to learn how you can digitally transform your organization.

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## Protect Staff and Patients

Face public health emergencies with real-time air pressure and environmental monitoring system.

Find out more at [www.thinaer.io/healthcare](http://www.thinaer.io/healthcare)

### Reduce the spread of airborne infections with a Digital Infection Prevention & Control Solution.

Controlling the spread of infectious diseases is essential to maintaining a safe environment. Thinaër's real-time environmental and air pressure monitoring combined with Thinaër's HAI solution improves outcomes and protects your workplace and community.



#### Environmental Standards



Maintaining adherence to the Joint Commission's isolation room requirements can be cumbersome and expensive. Thinaër makes it easy. Digitally transform the equipment you already own into smart technology.

#### Pressure Management



Thinaër's air pressure monitor provides continuous confirmation of the required pressure differential across the room boundaries.

#### Ventilation



Gain insight into the effectiveness of your ventilation system. Monitor the number of air changes per hour, location of the ventilation inlet/outlet, and the physical configuration of the space.

#### Filtration



Digitally transform your air handling system with smart sensors to maintain the highest filtration requirements and be alerted to possible system failures.

The smartest way to implement an isolation room strategy is to utilize smart sensors and a real-time monitoring and alarm solution using the equipment you already have in place. For more information, please visit [www.thinaer.io/healthcare](http://www.thinaer.io/healthcare).

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## Provide excellent remote care with real-time patient management.

Our platform uses any wearable technology and a secure patient communication platform to easily capture vitals, discuss symptoms, and respond to patient needs, in real-time.



Find out more at [www.thinaer.io/healthcare](http://www.thinaer.io/healthcare)

### Monitor & Capture Patient Vitals



Monitor and capture ECG, pulse, SpO2, blood pressure, and temperature via any wearable or smart medical device. See patient data via a real-time dashboard.

### Improve Remote Care



Boost success of treatment plans by receiving alerts when patients trend towards non-compliance or experience a significant health decline.

### Medication Adherence Scoring



Know if your patients are compliant with treatment plans and what factors could impact success.

### Real-time Patient Feedback



Communicate with your patients through our secure platform.

Generate new revenue with recently approved CPT Codes for home health and telemedicine. We can help you start using the new CPT codes right away. For more information, please visit [www.thinaer.io/healthcare](http://www.thinaer.io/healthcare).

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# Protect Your Essential Employees with Thinaer's Employee Health & Safety Platform

Thinaer offers a highly-calibrated, low-cost, easy-to-deploy solution that leverages data from wearable devices, hand sanitizer pumps, and a real-time feedback platform to ensure that your essential employees adhere to CDC and OSHA guidelines and remain safe during COVID-19.

Find out more at [www.thinaer.io/workplace-safety](http://www.thinaer.io/workplace-safety)

## Maintain safe physical distancing throughout your facility

- Monitor physical distancing practices by receiving centralized alerts when employees are within 6' of one another.
- Notify employees when they are too close together.
- Identify opportunities for employee training.

## Rapidly identify safety concerns & improve employee morale by asking for their feedback

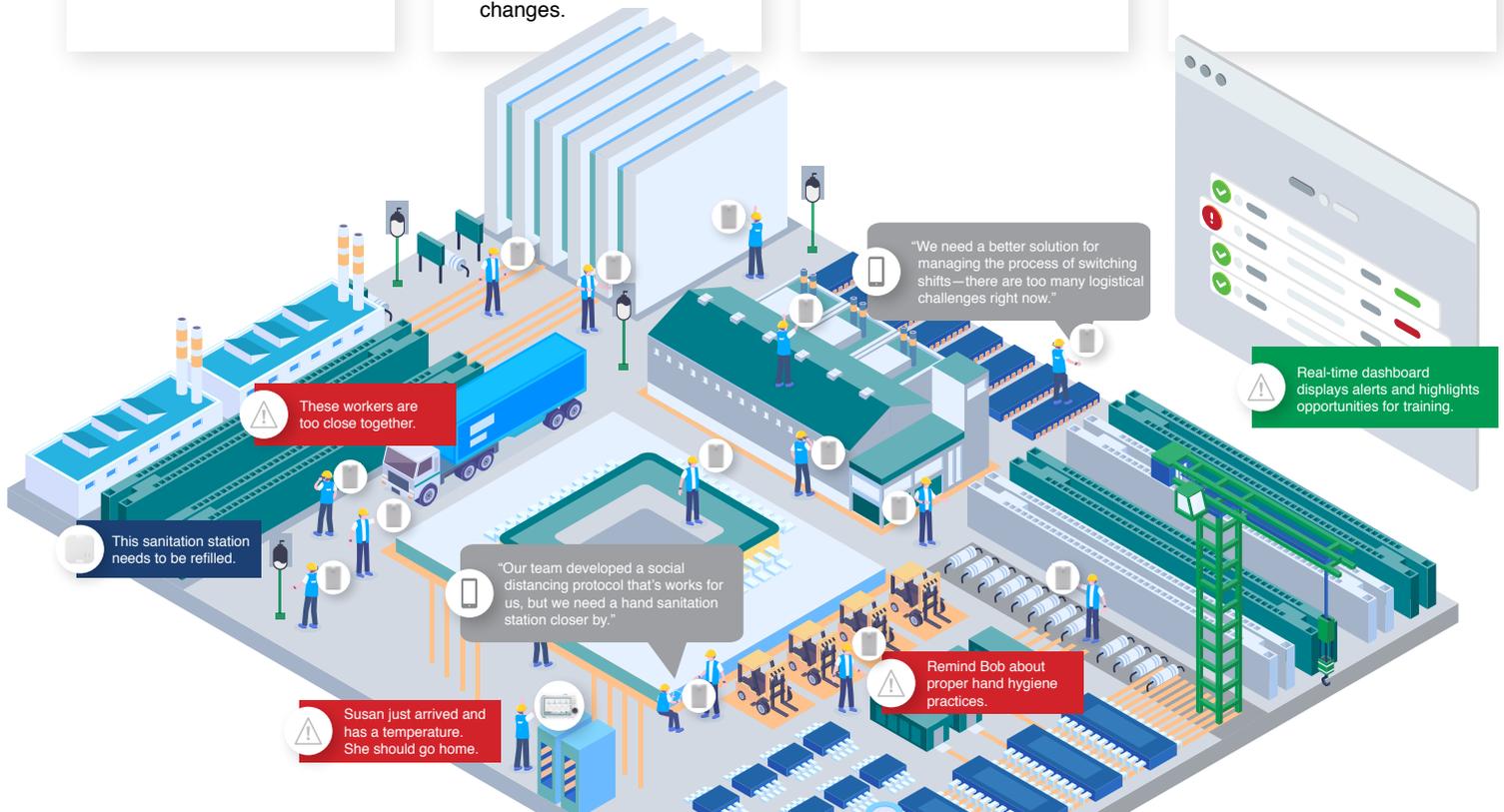
- Quickly identify and address barriers to healthy, safety, and efficiency.
- Evaluate feedback using the platform's advanced analytics capabilities.
- Coach positive behavior and drive needed behavior changes.

## Implement safe hand hygiene practices with our smart hand sanitizer pumps

- Monitor use of hand sanitizing stations.
- Receive notifications when stations are not working or are low on hand sanitizer.

## Quickly identify employees who are showing signs of illness

- Monitor employee temperatures with Thinaer's Checkme Pro health device.
- Create a culture that prioritizes employee health.



## Contact [info@thinaer.io](mailto:info@thinaer.io) to get started.

Thinaer solves complex organizational challenges with a holistic solution that leverages our proprietary data collection technology—integrating machine-data with human feedback—to develop a 360° view of the organization. We use these insights to inform our consulting approach, designing solutions that align with the organization's best opportunities and greatest needs. We partner with leaders from Fortune 500 firms, large healthcare organizations, and multi billion-dollar companies.

## Reduce operational costs by maximizing the life and value of your current assets

Thinaër's real-time, remote-condition monitoring platform saves employee time, reduces asset downtime, and minimizes repair costs by immediately alerting you to take action when needed.



### Increase Asset Utilization

Continuously determine the real-time location of any object and get insights into how those assets are used. Use this critical information to improve manufacturing efficiency by determining the optimal number of assets and inventory needed to complete a set of orders. Use this data to predict real maintenance needs.

### Extend the life of your assets

Extend the life of your assets by implementing an IoT-based vibration monitoring system. Thinaër enables you to monitor, maintain and optimize assets for better availability, utilization and performance. You can gain better visibility into assets via real-time monitoring, allowing you to predict machine failure and identify parts that need replacement. Get real-time notifications that enable you to take quick action, thereby extending the life of your assets.

### Reduce downtime and maintenance costs

Unplanned downtime due to equipment failure, production delays, and expensive maintenance drive down profitability. Thinaër enables more efficient use of existing assets by providing the ability to predict machine failures and reduce maintenance. Our platform, AI, and patented algorithms can help identify the causes of delay, whether they are internal or external, and help set up processes to address these causes.

### Swiftly address emerging worker safety concerns

Anticipate and address possible safety risks and predict potential issues before they impact workers. Quickly take appropriate action to mitigate safety risks by analyzing data from multiple sources – from engineers along with the data generated from Thinaër's sensors. By analyzing vibration and environmental data over long periods of time, you can identify potentially hazardous conditions and improve the safety of your staff.

Thinaër's smart sensor technology can now monitor essential performance metrics in real-time and send alerts the moment something starts to go wrong. Gain the ability to perform advanced vibration analysis for predictive analytics at 10,000 Hz and monitor the environmental factors affecting machine performance.

### Our world-class dashboard and Digital Universe Manager

Capture insights and use Thinaër's powerful platform, Sonar, to contextualize and discern the data. AI and patented algorithms are used to help users generate actionable insights and set alerts. Together with Thinaër's BLE Beacons, manufacturers are equipped to turn predictive maintenance into a responsive process.

The smartest way to implement a digital transformation strategy is to utilize smart sensors and a real-time monitoring and alarm solution using the equipment you already have in place.

For more information, please visit [www.thinaer.io/manufacturing](http://www.thinaer.io/manufacturing)

**Integrate smart technology with your currently owned assets in four easy steps to avoid downtime or process redesign.**

**Thinaer**

## ATTACH



### **Attach BLE Beacons to your existing assets.**

Thinaer's enterprise grade BLE Beacons are built to transform your existing assets into smart and connected devices. Monitor temperature, humidity, leakage, and location in real-time.

## CAPTURE



### **Gateways gather & collect asset data from Beacons.**

Built to work with virtually any BLE device or technology, Thinaer's gateways detect and collect data from your assets and contextualizes it to help you gain a deeper understanding of your organization.

## MONITOR



### **Monitor & view your asset data through our real-time application, Sonar.**

Uncover new information regarding your business processes to discover patterns, calculate future demands, and forecast production and logistics requirements. Manage your assets, set trigger alerts, access breadcrumb trails, and view real-time data to become a proactive organization. Thinaer Restful API connects to your own platform.

## ACT



Gain insights into usage patterns to accurately track equipment deterioration to extend asset life and improve asset utilization.



Know when to deploy the right resources for predictive maintenance to minimize equipment failures and reduce service costs.



Examine large data sets to find and exploit patterns contained within data in order to detect risks and opportunities.

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## Optimize workflows and production with real-time locationing and asset monitoring.

Thinaër's real-time locationing and asset monitoring platform helps you improve workflows, maximize production efficiency, and reduce production errors.

### Seamlessly integrate Thinaër's asset-monitoring platform with assets that you already own.

Thinaër provides manufacturers with a powerful, cost-effective real-time locationing & monitoring technology. Seamlessly integrate Thinaër's technology with your currently owned assets in four easy steps to avoid downtime or process redesign. Implement and get online within hours... all at a fraction of the cost of competing technology.



#### ATTACH



#### CAPTURE



#### MONITOR



#### ACT



#### Improve workflows and eliminate bottlenecks.

Thinaër's BLE beacons fit into your current infrastructure and workflows to give you real-time tracking of any assets. Improve processes by modeling the flow of your manufacturing assets and workers in just a few hours. Having real-time and accurate location data is key to eliminating bottlenecks and ensuring smooth operation at every stage of the production process.

#### Monitor asset utilization and increase performance.

Thinaër enables manufacturers to continuously determine the real-time location of any object and gives insight into how those assets are used. Use this critical information to improve manufacturing efficiency by determining the optimal number of assets and inventory needed to complete a set of orders. Moreover, combined with additional sensors, asset utilization can be used to predict real maintenance needs.

#### Take quality control to a new level.

Real time location system (RTLS) is a critical part in any modern manufacturing quality assurance solution. Reduce the amount of errors discovered late in the production process that drive up costs, cause delays or even product recalls. Monitor your assets and critical environments to prevent accidents or security breaches. By utilizing Thinaër, quality control can be taken to new levels.



#### Safe, affordable BLE technology

RTLS with BLE Beacons make your organization run more efficiently and improve personnel safety. Find assets and know their status whether they are stationary or on the move with pinpoint accuracy.

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## ACT



Have cross-channel visibility into inventories to optimize supply and reduce costs from lost or misplaced assets.



Know when to deploy the right resources for predictive maintenance to minimize equipment failures and reduce service costs.



Examine large data sets to find and exploit patterns contained within data in order to detect risks and opportunities. Gain insights into usage patterns to accurately track equipment deterioration.

The smartest way to implement a digital transformation strategy is to utilize smart sensors and a real-time monitoring and alarm solution using the equipment you already have in place.

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