



IntelliSite

# Heuristic Based Monitoring (hBM)

IntelliSite's Advanced Solution.  
Temperature detection system.

SOLUTION BRIEF





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## SOLUTION BRIEF

## INDUSTRY CHALLENGES

The need to protect oneself and others from harmful viruses has never been greater. What's required today are accurate, fast and physically mobile solutions that:

- Protect patients, customers and employees
- Identify elevated body temperature in real-time
- Reduce virus spread from unknown carriers
- Implement autonomous screening systems and processes

## SOLUTION OVERVIEW

IntelliSite human temperature scanning and monitoring solutions enables calibration of the hBM system to a pre-set value or "Normal" (N) temperature, marking all human readings within a 0.1 Celsius range off this predetermined N.

### In short, IntelliSite's hBM helps:

**Identify High Risk Individuals** - Real-time identification of human temperatures with IntelliSite's hBM Solution is intended to help organizations reduce mass exposure to high-risk immune-compromised individuals.

**Ensure Accurate Outcomes** - IntelliSite's hBM Solution utilizes a unique AI and proprietary lot Condition-Based Monitoring platform to greatly reduce, if not eliminate false readings. Standard solutions can allow for temperature variances within the camera's depth of field giving a human temperature read that is often inaccurate, particularly with environmental changes throughout the day.

**Cloud-Based Remote Management** - IntelliSite's Heuristic Based Monitoring (hBM) combines our Deep Vision Artificial Intelligence (Facial Detection and Thermal Uniformity Confidence), Deep-Logic Rules Engine enabling multi-sensor and multi-system Integration, DeepInsights federated Visualization, **Alerting and Reporting with a third-party FDA Compliant Thermal/Optical Camera to deliver the most complete thermal monitoring solution available.**

**Enhanced Visualization IntelliSite** - hBM provides enhanced visualization and optimized outcomes for customer by taking the thermal assessment information from the third-party FDA Compliant Thermal/Optical Camera and delivering a more holistic perspective of the assessment provided from the third-party FDA Compliant Thermal/Optical Camera. hBM does this by ensuring the assessment was aligned to an individual (Facial Detection) and that the assessment is analyzed for uniformity (Thermal Uniformity Confidence Patent Pending) thereby filtering out thermal noise" and artifacts that could cause false positives.



## KEY FEATURES & BENEFITS

End-to-end solution from design, applications and installation to world-class monitoring, maintenance and support, enabling:

- Thermal temperature calibration that can detect elevated body temperature in real time, enabling immediate action if/when needed most.
- Powered with Deep Vision AI and IoT Monitoring Platform to enhance accuracy and reduce human error.
- Personalized portals where users can monitor activity and results, set alerts for real-time notification and responsiveness.
- Turnkey solution with pre-tested configuration and complete installation service
- Managed service support and monitoring for ongoing management and maintenance
- Additional modules can be added for Mask Detection and Adherence, People Counting, Demographic Details and more.\*
- hBM can also be integrated with our IntelliSense solution to enable such outcomes as Air Quality insights, Audible sensors input, Smart Building System Integration and much more.

\* Mask Detection is included in Advanced and Centralized hBM Bundles.



Detect elevated body temperature in real-time \*\*



DeepLogic® cloud-based software



Ability to run on customer premises

POWERED BY

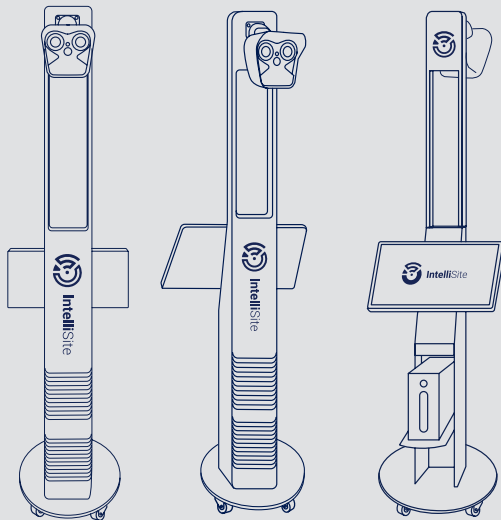
DeepVision AI

## SOLUTION OUTLINE AND COMPONENTS



### CONNECTIVITY

- 4G LTE Cradlepoint Router
- Verizon Wireless Service Plan (SIM card)
- Cloud-based Services



### HARDWARE

- Thermal Camera
- Small Form Factor Workstation
- Touchscreen Display
- Cart



### SOFTWARE

- IntelliSite's DeepLogic® - DeepVision AI (temp. measurement)
- IntelliSite IoT DeepLogic Platform (data metrics, people counting)
- IntelliSite Cloud Engine runs on any cloud or on-premise
- Easy Configuration and Deployment UI
- Alerts and Notification Panel
- Expandable AI-based software features on same platform
- Mobile Access and alarms (SMS, Video, Phone Call)

## INDUSTRY EXPERTISE SEE OUR INDUSTRY USE CASES



Cities & Public Venues



Healthcare



Education



Retail



Hospitality



Manufacturing



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YOU CAN  
COUNT ON



IntelliSite® is the industry's most complete AI-enabled Edge Computing solution provider. Their applied solutions of Heuristic-Based Monitoring (hBM) and Smart Communities as-a-Service (SCaaS) are utilized by mid-market and enterprise-class customers, partners, and federal, state, and local governments worldwide. IntelliSite's discovery and assessment methodology, combined with its blue-chip Partner Ecosystem and world-class IntelliCare service and support, delivers the very best outcome-based solutions and sets industry standards for the most reliable edge computing solution lifecycle health for each of their clients.

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