Human Based Monitoring - Detection Solution

Traditional temperature monitors use thermal cameras to compare the temperatures of objects within its field of view rather than a constant value spectrum. This creates a challenge of accurately measuring the temperature of humans as objects such as hot beverages or incandescent lights present false alerts.

Dell Technologies provides a comprehensive solution that combines Deep Vision AI technology – an exclusive advanced computer vision engine – with an all-in-one Human Based Monitoring (hBM) system. The result delivers a smarter application to detect elevated body temperatures in real-time to protect patients, customers, and employees.

Thermal Vision

Thermal vision utilizes thermal sensors to capture or detect thermal variance and compare against a known data set. By combining thermal cameras and artificial intelligence, thermal vision can recognize even the slightest change in temperatures to identify high-risk individuals and create actionable outcomes.

Key Features

ARTIFICIAL INTELLIGENCE
AI-based human targeting to enhance self-calibrated temperature measurements.

THERMAL IMAGING
Best-in-class thermographic cameras for temperature detection while people are moving.

MANAGED SERVICE
Managed service support and monitoring options for ongoing management and maintenance.

ENTERPRISE MANAGEMENT
Fleet management and enterprise interfaces available with advanced user privileges and IoT integrations.

Benefits

A single source for a designed and tested solution that can be deployed at any of your locations. With an option of continuous monitoring for targeted areas, alerts can be sent based on defined temperature criteria, providing a quick and appropriate response.

• Proven technology utilized in SARS, H5N1, and MERS outbreaks
• Compact mobile solution to meet entry point configuration needs
• Scaled options to support larger deployments in a cost-effective manner
• Wireless connectivity for standalone network connections
• Automatic system adjustments to ambient temperature

To learn more or to engage our specialists visit www.trace3.com