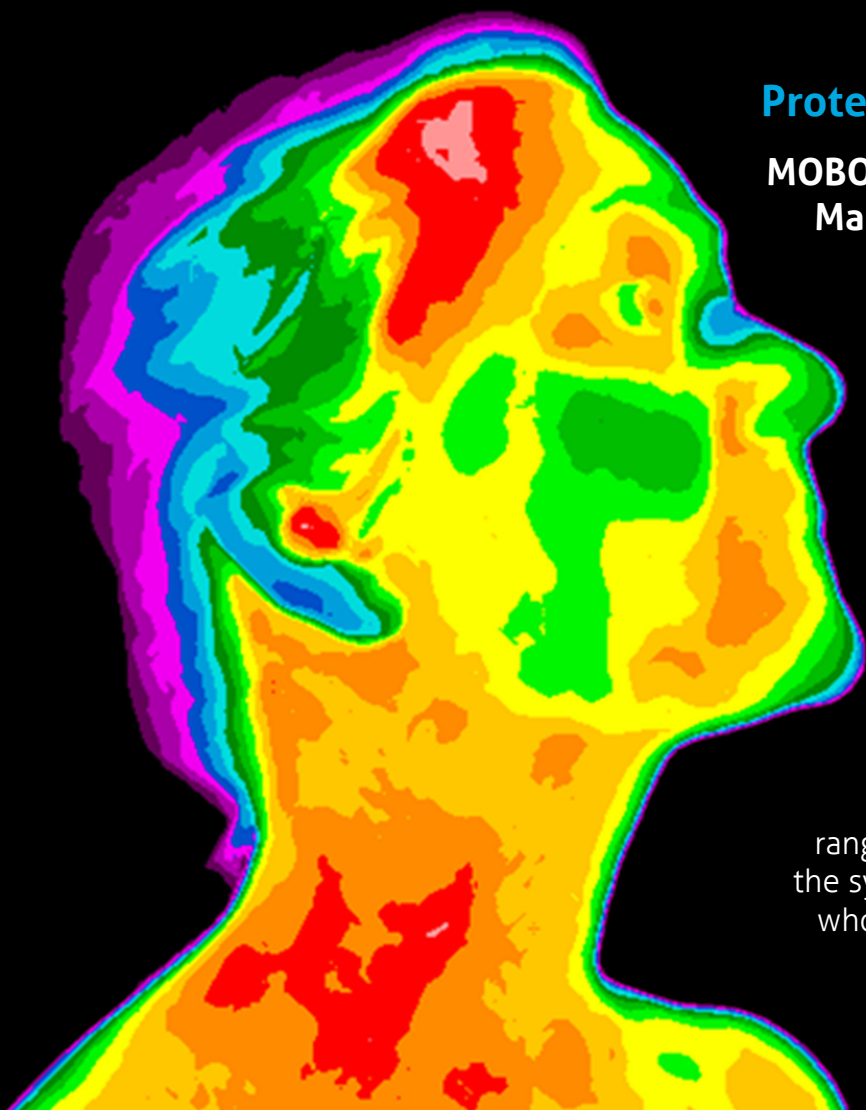




# THERMAL IMAGING SOLUTIONS

Detecting Temperature Anomalies with MOBOTIX M16 Thermal Imaging



**Protect. Prevent. Analyze.**

## MOBOTIX Thermal Solutions Making the Invisible Visible

Thermal imaging has evolved beyond simply seeing in the dark. Thermal imagery technology can now also be applied as a first line of defense for screening individuals for an elevated temperature as they enter your facility.

MOBOTIX cameras analyze moving individuals and objects and screen for temperatures which vary from a configured temperature range. When anomalies are detected, the system can alert you to individuals who may require further screening.

[Learn More on Page Two](#)

# Thermal Imaging Solutions

## TEMPERATURE SCREENING TECHNOLOGY FOR FACILITY ENTRY POINTS

MOBOTIX cameras have specialized lens options enabling thermal radiation measurement across an entire field of view, down to the pixel level. Installed in a fixed location such as a facility entrypoint, this MOBOTIX thermal technology can be used as part of a proactive warning system by identifying individuals with skin temperature varying from a configurable normal range to within 0.1°C.\* Installed in the right location and properly configured, MOBOTIX cameras can provide a first line of defense by identifying individuals with an elevated temperature before they pass the entryway field of view. With two directly adjacent lenses, a traditional security lens can provide a high-resolution video feed, or work in concert with the thermal sensor to provide thermal and optical overlay functionality, [as seen in this demonstration video](#).



### Features

- Detection of persons/objects
- Event Triggers (alarm, network message, activation of a switching output) for identified objects above or below specified temperature ranges
- Screening via special TR windows or the complete sensor image
- Measure Temperature range from -40 to +550 °C

## INS INDUSTRIAL IT SERVICES CAN HELP

INS Services specialize in designing, deploying and providing ongoing support for critical OT and IIoT networks, and has significant experience implementing MOBOTIX technology. If you're interested in deploying a thermal camera system, contact our experienced engineers to discuss your particular application.

### Services

- Video Monitoring
- Data Management & Visualization
- System Kitting
- Site Auditing
- Installation Services
- Remote Monitoring & Access
- Wired/Wireless Network Design



\* - The accuracy of surface temperature readings is dependent on deployment of this solution in a controlled environment and can be optimized with the use of a reference temperature device in the camera's field of view.

**Contact INS today to Discuss Your Thermal Imaging and Security Camera Needs.**

Industrial Networking Solutions | 800-889-1461 | [www.industrialnetworking.com](http://www.industrialnetworking.com)