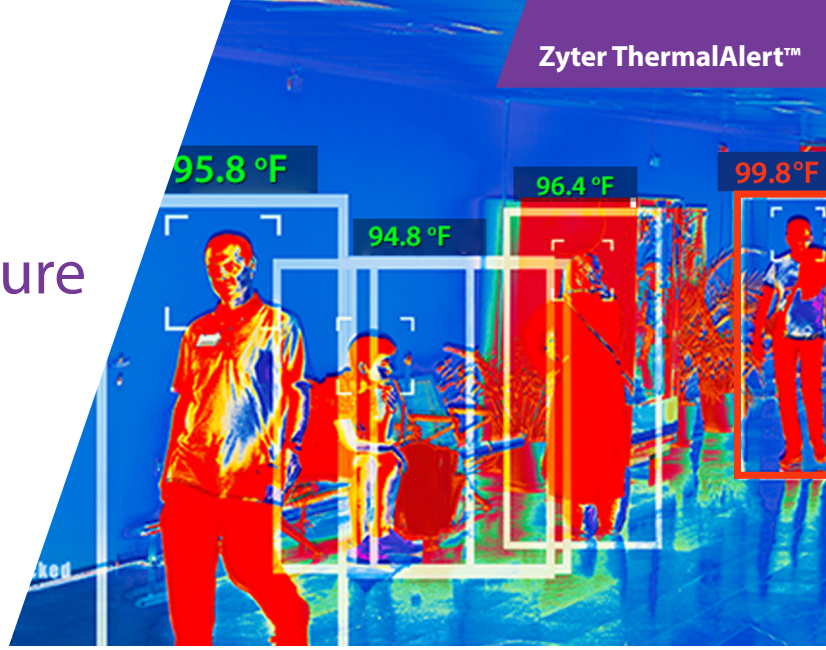
Automated Mass Temperature Screening for COVID-19

Keep Your Workplace Open and Safe



Proven. Secure. Compliant.

- Zyter ThermalAlert is currently deployed at retail, commercial healthcare, and transportation facilities nationwide, as well as events and entertainment sites
- The system is currently live at a Military Treatment Facility (MTF) and is being deployed to 16 additional U.S. military hospitals due to its superior performance
- Security is assured with device-to-device 256 bit AES encryption as standard
- The system has Authority to Operate (ATO) at U.S. Department of Defense and Department of Veterans Affairs (VA) facilities
- Defense Health Agency (DHA) approval has been secured for governmental cloud deployment enabling prescreening and virtual care for COVID-19
- The Zyter platform is HIPAA, FedRAMP, FISMA, GDPR, PHIPA, and PIPEDA compliant

Zyter ThermalAlert is a dual spectrum thermal imaging solution that delivers continuous, real-time, no-contact temperature monitoring.

As businesses and organizations transition to a new normal due to COVID-19, safety has become paramount. Where there are high concentrations of people – hospitals, office buildings, schools, shopping malls, airports and train stations, for example – new steps must be put in place like temperature monitoring to keep people safe. Identifying those with elevated body temperatures before they enter a building enables them to be redirected to a different entrance or removed from the general population.

Unfortunately, most available temperature monitoring solutions require manual intervention and are typically limited to one person being checked at a time. Not only does this create long lines and delays, the close contact that occurs during human-to-human temperature screening increases the risk of exposure for both parties. What's more, many thermal imaging solutions take time to implement or integrate into existing networks, causing further delay and frustration.

Fortunately, there's Zyter ThermalAlert – a smart imaging system that supports automated, accurate mass temperature screening. Setup options include stand-alone, central or drive-through detection modes and include the ability to connect to an existing network. Best of all, Zyter ThermalAlert can be up and running as a stand-alone solution in just 48 hours.

Identify Individuals with Fevers Prior to Building Entry

Zyter ThermalAlert is a dual spectrum thermal imaging solution that delivers continuous, real-time, no-contact temperature monitoring. It is able to measure human body temperature (between 86°F to 113°F) of up to six people simultaneously within the temperature detection zone from a distance of up to 20 feet. This far surpasses other available solutions which typically can only detect human temperatures from a distance of 1-6 feet.

CarePoint Health

Case Study: CarePoint Health

Client

A New Jersey-based healthcare provider operating three facilities: Bayonne Medical Center, Christ Hospital in Jersey City, and Hoboken University Medical Center.

Approach

Deploy 12 Zyter ThermalAlert imaging cameras in a stand-alone configuration, divided equally among the three facilities.

Results

Zyter ThermalAlert has created a safer environment for employees and visitors, enabling the hospitals to resume scheduling elective surgeries.

"Temperature scanning systems provide fast and reliable results on easy-to-read digital screens and allow us to triage every visitor and employee who enters our facilities, creating another layer of safety for our patients and staff."

Vijay Singh
Chief Hospital Executive,
Bayonne Medical Center

If a high temperature is detected, SMS, email and/or single/multi-camera smart alerts are sent to individuals and care teams via monitors, mobile devices or the Internet. With a detection time of less than one second and accuracy of ≤ ± 0.5°F, it's now possible to identify individuals with a fever before they enter your facility so you can keep your workplace open while protecting both employees and visitors.

Flexible Deployment Options

Zyter ThermalAlert can be deployed as a stand-alone system or upgraded for enterprise-wide or multi-site integration as an IoT platform with secure messaging and secure collaboration. Common deployments include:

- Primary access monitoring to manage the flow of people at the primary entrance door of a facility (typical order is two units per main door)
- Secondary access monitoring to monitor the flow within a facility (4-8 units to monitor single, low volume entryways or with a single control room monitoring all cameras)
- Drive-through clinics and tents using four cameras; images can be managed on a single iPad or tablet

Advanced Thermal Camera

Zyter could not source a suitable, rugged, high performance camera so we developed our own. ThermalAlert includes a high-resolution (1920 x1080 pixels) thermal camera and visual light. Our proprietary camera calibration software ensures accuracy and helps identify people at higher risk for infection based on a configurable range of temperature readings. Cameras can be integrated with Zyter's AI and automation-based platform if desired.

Customizable Dashboard for Real-Time Monitoring

Zyter ThermalAlert includes a customizable dashboard that displays optical and thermal images, as well as body temperatures. From the dashboard, users can monitor images and send alerts to care teams. In addition, an infection control module can be applied to identified cases for additional analysis and reporting.

Zyter

For More Information

To learn more about Zyter's ThermalAlert solution or to arrange a product demonstration, please contact **+1 (301) 355 7760**, **sales@zyter.com** or visit **www.zyter.com**.

About Zyter

Zyter, founded in 2017 by serial entrepreneur Sanjay Govil, provides a cloud-based, 5G-ready platform that enables better outcomes in telehealth, home health, and remote patient monitoring, while also supporting IoT/smart technology and thermal imaging solutions. The platform's open architecture, military-grade security, and compliance with multiple industry standards enables organizations in healthcare, education, entertainment, government, and transportation to easily and effectively connect, communicate, collaborate and engage. The privately-held company is based in Rockville, Md. For more information, please visit **www.zyter.com**.