Thermal Scanning System (Fever Detection)

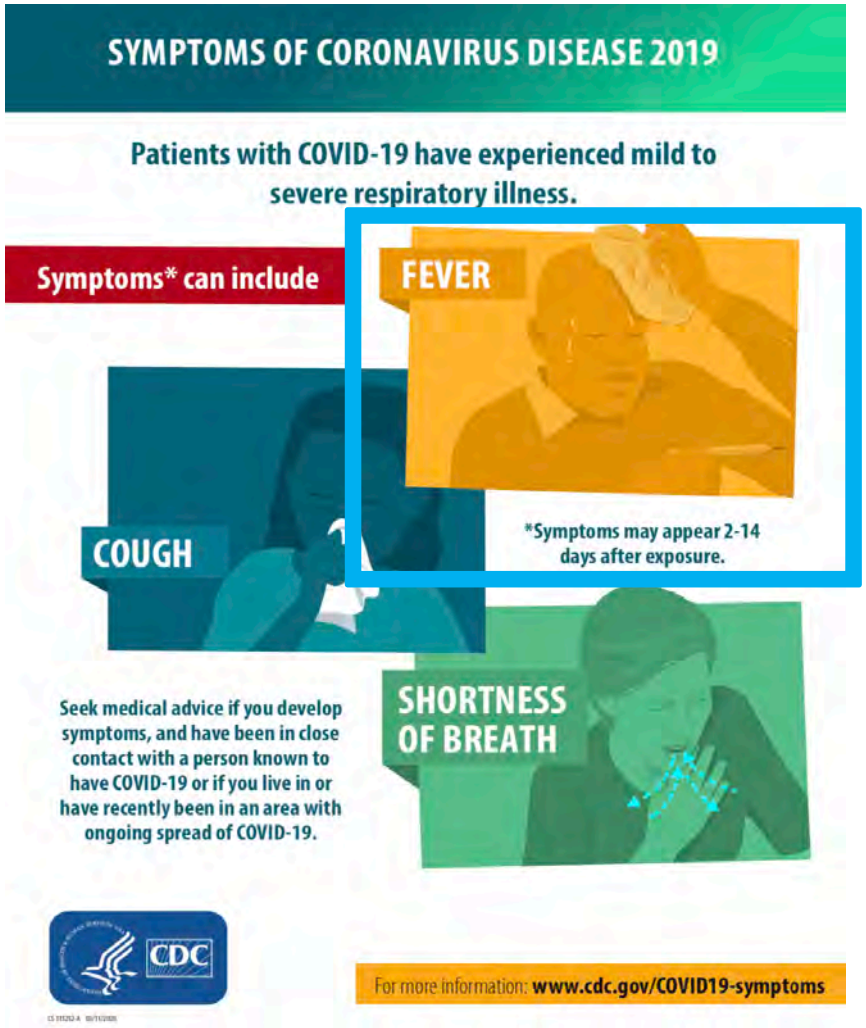
COVID-19 Pandemic

” Virus is the new enemy: Health screens will be more accessible for the safety of all.”

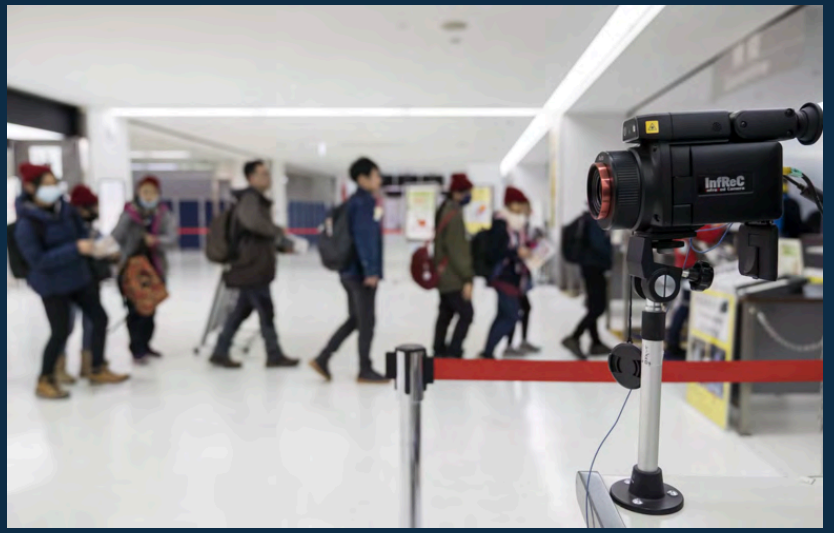
“How to keep your facility open?

The New Normal To Protect Your Employees, Customers, And Community: Monitor For Symptoms

Screen For Fever Symptom To Prevent The Spread



Multiple Problems With Current Methods



Introducing Athena's Fever Detection System

Improved Rapid Screening

Fast and Frictionless

Built for pedestrian traffic, non-contact

Highly Accurate

Blackbody continuously calibrates

Don't Need An Operator

System finds the face, forehead, and eye and sends alert, or display on screen.

Automated And Easy

Turn-key solution, Enterprise Management

Not Just Hardware

An Enterprise Software Platform

Alerts, Centrally Manage

Enterprise User Management

Integration to Security Video Management System

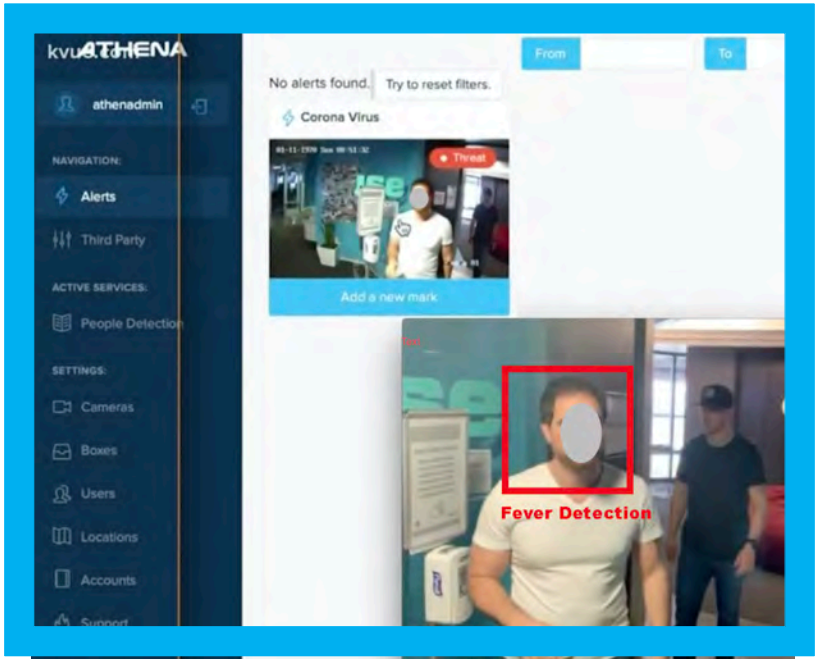
Data Management, Reporting

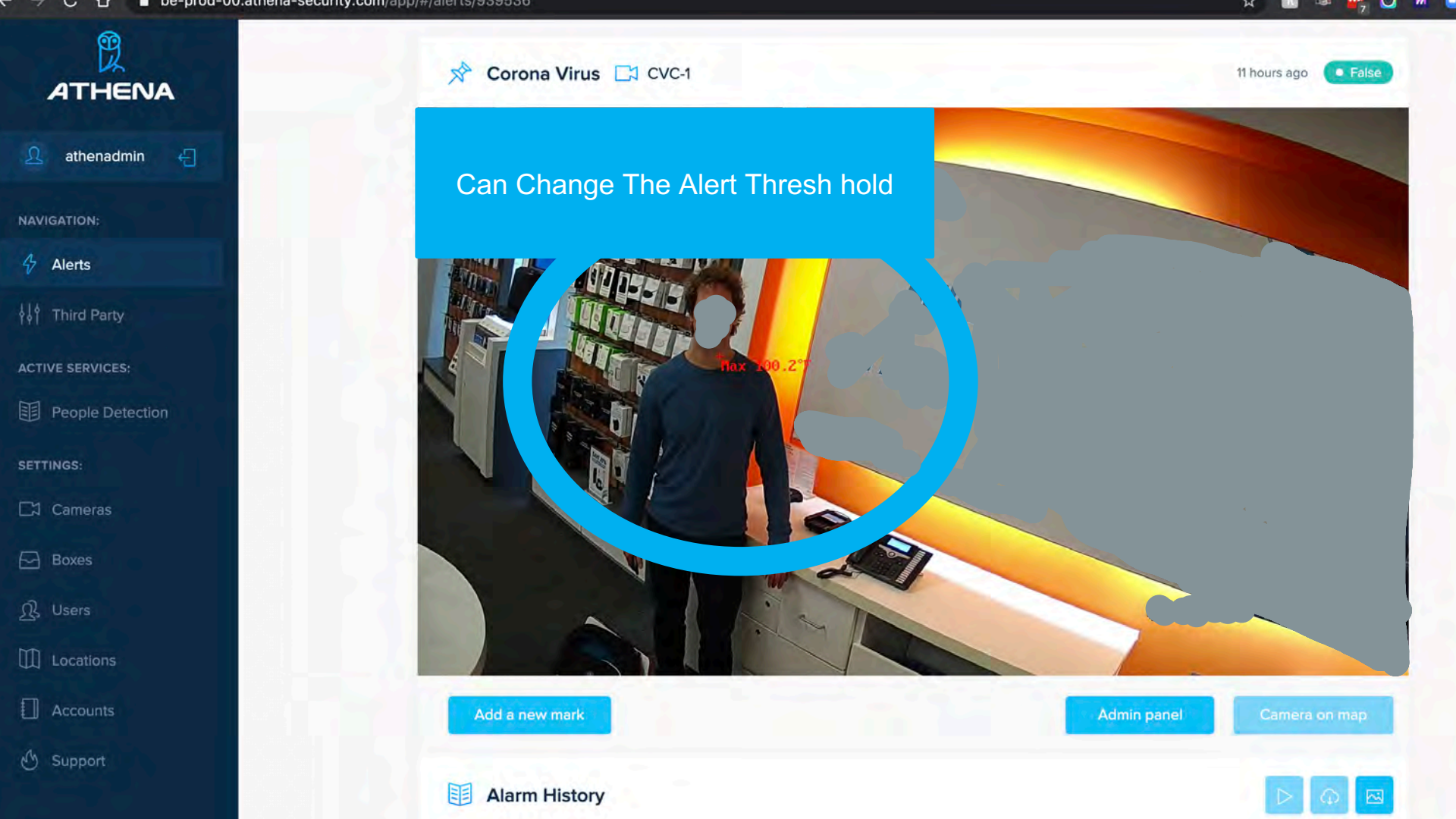
Auto-Monitor that device is working.

Solutions For Every Environment

KVUE TV In Austin, on March 22nd

Austin-based Company Promoting Turn-Key Fever Detection System [link to news]

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ATHENA
athenadmin
NAVIGATION:
Alerts
Third Party
ACTIVE SERVICES:
People Detection
SETTINGS:
Cameras
Boxes
Users
Locations
Accounts
Support
Corona Virus
CVC-1
11 hours ago
False
Can Change The Alert Thresh hold
Add a new mark
Admin panel
Camera on map
Alarm History

ATHENA

Top Features

Enterprise Platform
Easy to deploy, scale devices, maintain, manage users, manage alerts, reporting, and integration options.

Thermal and Visual Camera Options
Highly accurate infrared thermal cameras with blackbody device for consistent results.

Fast, Frictionless, Automated Screening
System is “always on”, and auto-reboots. Staff less exposed to sick people than handheld thermometer method.

Fever Alarm and Enterprise Notification System
Temperatures above the notification threshold are automatically sent to the web application and mobile application. The same username and password are used to login via either a secure web browser for the web application or mobile app.

Fever Detection System Features

Athena Fever Detection System

Easy to setup and operate
50 mk Sensitivity, .8 F Accuracy
Integrated Visual Camera
Turn-Key System
Alerts to Web Browser
Alerts to Mobile App
Black body version is recommend to help maintain accuracy.

Athena Fever Detection Screening Interface

Simple user interface
Operator-free automated screen
Audible alarm notifications
Alarm notification via secure web app
Alarm notifications via mobile app
Ambient temperature compensation
Distance compensation
Verifies subject
Automatic alerts log
Historical archive, with retention or delete capability
Integrates with Security Management Systems
Integrates with Video Management Systems

Infrared Thermal Camera Specifications, and Operating Parameters

Athena Fever Detection Camera
Model ATH-AMDGF-14

Specifications
Style: Bullet Camera
+ or - 0.8 F Accuracy, Infrared Thermal
Alarm in Under 1 Second
High precision temperature sensor
Under 0.2 F temperature drift
Frame Rate 30/50 Hz
384 x 288 Resolution
Working Band 8 – 14 um
Measuring Range 0 – 50 C
Output H.264 RTSP stream
Power Supply is DC9 ~ 15V
Networking: 100/1000Base Ethernet, POE

Operating Parameters
Operating Temp 0 F to 130 F
Storage -32 F to 170 C
Humidity: Non Condensing 10 – 95%
Shell Protection IP54
Impact Resistance 25G
Vibration Resistance 2G
Installation 4 M3 thread mount holes, ¼ UNC-20
Designed for use inside, enclosed areas.

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Product Characteristics

Typically, with this type of sensor, the larger the operating temperature range, the less the accuracy is. This model's accuracy is maintained between operating temperature of 0 to 130 degrees F and should cover typical indoor use.

The camera will self adjust according to ambient temperature. When setting up or moving the camera from one environment to another, allow ten minutes for the internal components of the camera to reach the new environments temperature.

This model's accuracy of 0.8 F is much higher and better than industrial purposed infrared cameras that typically are no better than a + or – of 4.0 degrees F.

Configurable alarm temperature threshold, recommended for 38 C, which is 100.4 F.

Appropriate Scenarios

Create a choke point, and have instructions for persons coming through this pre-screening zone to remove head ware and eyewear. Hats and glasses can cause inaccurate measurements. Hundreds can be scanned per hour, per unit, with a max of a 1,500 per hour, per unit.

Hospital
Surgery Center
Pharmacy
Grocery
Critical Infrastructure
Bank
Metro
Private Company
Airport
Transit Centers
Borders
Schools
Critical Government Buildings
Bars
Venues
Restaurants

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The World Has Changed

We need to act now to protect the most vulnerable.

Early detection and quarantining people will save lives.

We have a duty to use cutting edge technology to save lives.

Start Screening Now

COVID-19 Pandemic Guidance

[Guidance on preparing your workplace]

OSHA® www.osha.gov

[Guidance on COVID-19 Symptoms]

CDC

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