

# Active Shooter Detection Al-assisted Surveillance Monitoring



## **About Us**

Founded in 2004, Omnilert was the first company to establish the emergency mass notification market. It continues to be the innovation leader and most trusted partner to over 2,500 customers across diverse industries, including education, healthcare, manufacturing, private and public sector organizations.

Nearly half of Omnilert customers reported their emergency response plan is now 75 - 100% more effective











**92**% agree that Omnilert is the innovation leader and the most trusted partner in the emergency mass notification market



## **Outcomes Focused Capabilities**

#### **Beyond Notifications**

With the broadest array of solutions, Omnilert matches the needs of organizations of all sizes, and goes beyond notification into prevention, engagement with the user community, and management of critical incidents.

#### **Prevention & Response**

Proactive solutions, such as Omnilert Active Shooter Solution, provide early warnings and automated alerts using our emergency notification app, leverage artificial intelligence to detect and integrated alerting to prevent critical events before they occur.

#### **Management & Automation**

Critical event automation and visualization with pre-defined actions and workflows.



## **Communication & Engagement**

Small teams can engage with large audiences by easily and iteratively dividing users into smaller groups to provide and receive timely, targeted and relevant information & intelligence.

#### **Notification Broadcast**

Send emergency alerts through the most comprehensive multi-channel emergency communications channels—beyond mass text, email, and voice to mobile safety apps, social media, signage, alarms, and access control systems.

## 350+ Mass Shootings so Far in 2022 (07/18/22







## **Gun Violence is the New Reality in America**











Communities, Organizations Feel Powerless to Protect their People



## **Technology Gives New Hope in Layered Security**

#### **Human Detection**

Manual surveillance monitoring looks for potential threats



#### **Metal Detection**

Traditional walkthrough metal-sensing screening devices



#### **Audible Detection**

Detects gun shots and like-sounds though microphones



### **Visual Detection**

A.I. detects potential active shooters through live video feeds





## The Truth About Video Surveillance

There are 70 Million security/surveillance cameras deployed in the U.S.

## Fewer than 1%...

of all surveillance video is watched live.1

## 45% of activity...

is missed after 12 minutes of continuous video monitoring.<sup>2</sup>

## 95% of activity...

can be overlooked by monitors after just 22 minutes.<sup>2</sup>





## Before, During, and After

Coverage, Detection, Alert and Response Can Save Lives

1 min. 2 min. 3 min 4 min 5 min 6 min 7 min 8 min 9 min 10 min 11 min

# Split-Second Detection



# **Situational Awareness**



# Post-Incident Support





## **Early Detection Can Make a Difference**

# **Sandy Hook** 12/14/2012

- Elementary school mass shooting with 28 dead and 2 injured.
- 15 min delay between the first shot and officers entering the building.

# **Parkland** 2/14/2018

- High school mass shooting with 17 killed.
- 1:20 delay between first sight and first 911 call.
- 5+ mins before active shooter code red called on campus

## **FedEx**

4/15/2021

- FedEx ground facility mass shooting with 9 killed and 7 injured.
- Shooting began in parking lot before entering the building.

# **Tops Market** 5/14/2022

- Grocery store mass shooting with 10 killed
- Shooting began in parking lot before entering the building.

and 3 injured.

Each case had the opportunity for early detection & a much earlier response



## **Transforming Surveillance into Active Prevention**

#### **Active Shooter Detection**

- Early warning system before shots are fired
- On premise integration into existing IP camera installations with standard computer hardware
- Fast, reliable, and continuous monitoring through artificial intelligence
- Detects handguns and long guns independently
- Improves response through accurate reporting of type of gun, location, number of shooters

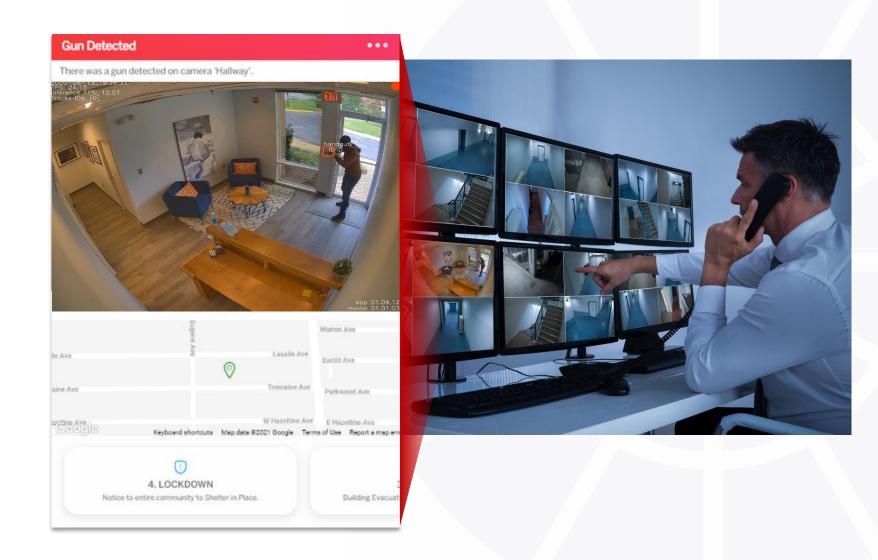




## **Certified Human Validation within Seconds**

#### **Omnilert Threat Validation**

- Active shooter detections automatically alert Omnilert certified monitors
- Geographically disparate monitoring centers provide around-the-clock prevention services
- Confirmed detections shared with client security teams and response plans are automatically initiated





## **Omnilert Active Shooter Solution Overview**

## **Detection**

 A.I. detects on-site using existing video sources and publishes alert

#### **Validation**

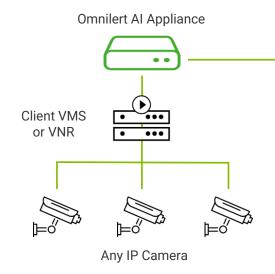
 Threat detections pushed to Omnilert certified monitors for validation

### **Automation**

 Confirmed threat triggers pre-scripted automations from ENS to endpoints

## Response

 Police called & response plans execute in seconds to prevent, minimize harm









## Rich Ecosystem Supports Your Workflows

#### **Detection**

 A.I. detects on-site using existing video sources and publishes alert

#### **Validation**

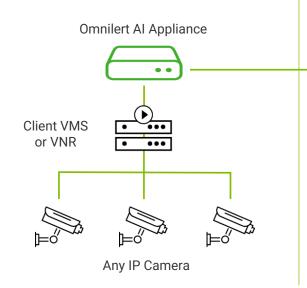
 Threat detections pushed to security personnel or client VMS for validation

#### **Automation**

 Confirmed threat triggers pushed to client ENS & other systems for workflow execution

## Response

 Police called & response plans execute in seconds to prevent, minimize harm















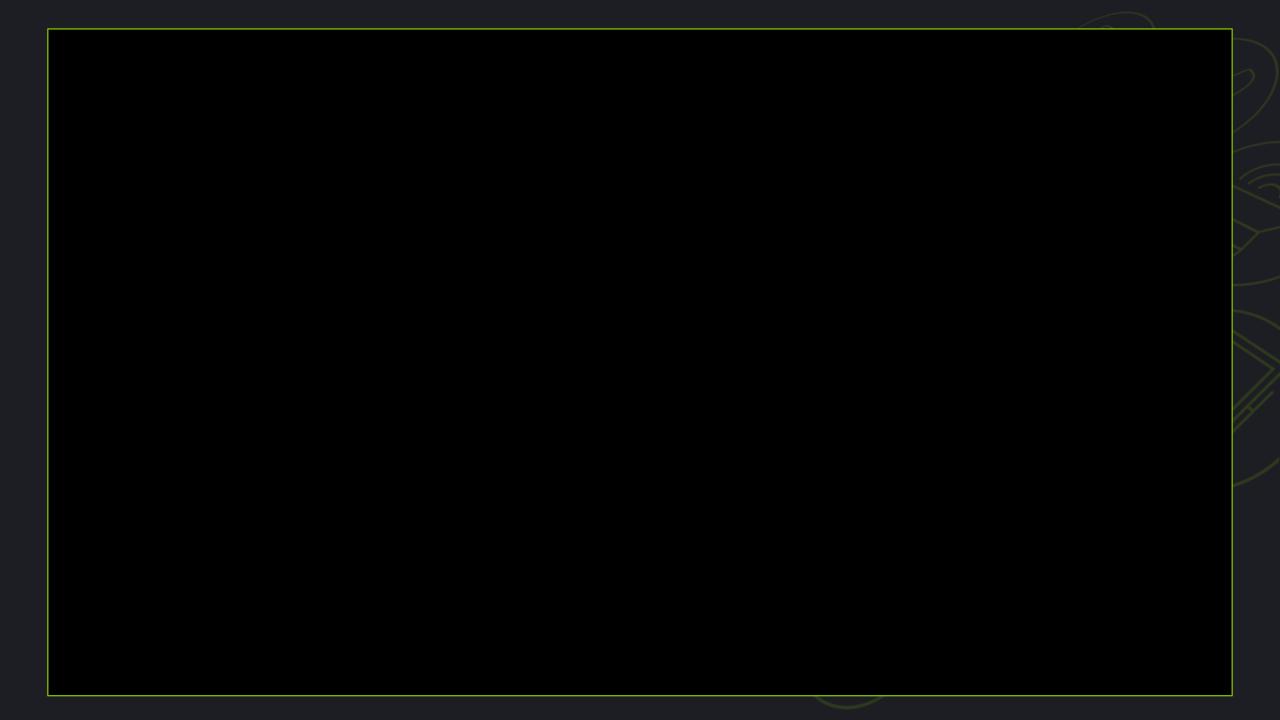












Omnilert continues to invest in unique capabilities that ease administrative burdens, remove barriers to constituent engagement and focus on prevention, intelligence & helpful automations.