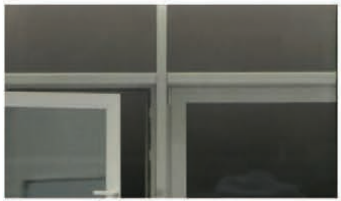
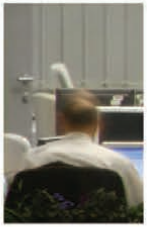
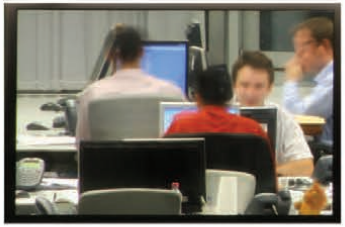
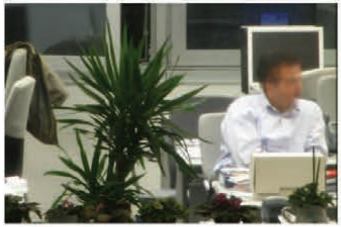
Are You Prepared?





EAGL

GUNSHOT DETECTION & LOCKDOWN SYSTEM

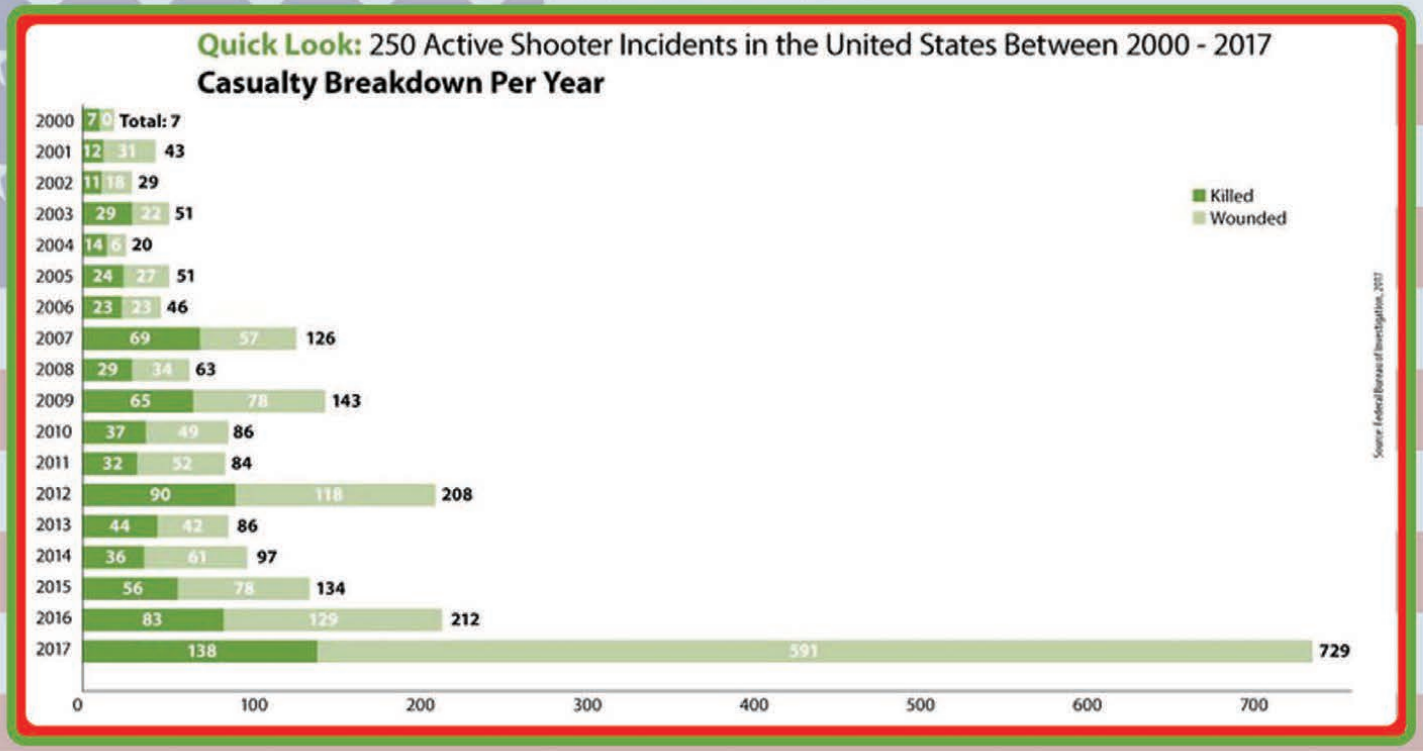
Toll Free 1(877) 566-1700 www.eagltechnology.com

Active Shooter Incidents Statistics

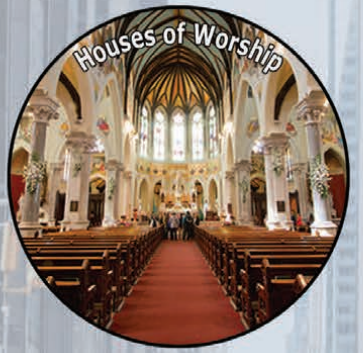
A cost-effective SOLUTION to counter a real-world REALITY!

Problem/Statistics

A New Normal!



Industries We Serve

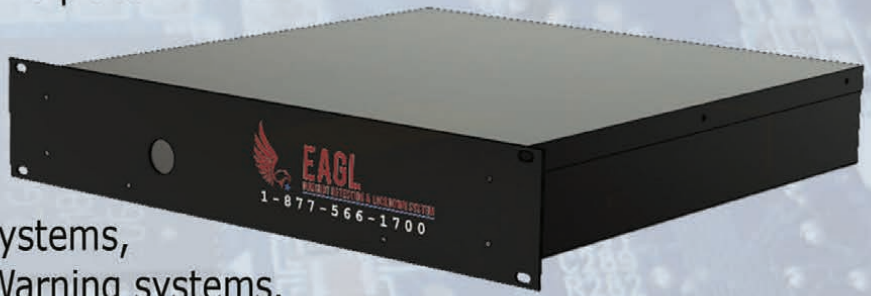


The EAGL System can also serve in other areas such as Telecommunications, Agriculture, Financial Services, Commerce, Open Space Public Areas, Schools (Pre-K to 12) and Institutions of Higher Education, Sports Complexes, Theaters, Casinos, Military, Law Enforcement, & Fire Services

The EAGL System

During an active shooter event, both the Emergency Automatic Gunshot Lockdown (EAGL) and CityWeb Systems use the latest FireFly® and DragonFly™ sensor technology to detect firearm discharges. The EAGL System validates discharge events & performs NOTIFICATION features to include providing law enforcement with real-time active shooter video and location information.

Validated Threat Assessment functions take place WITHIN SECONDS after gunshot detection!
Additionally, the EAGL System provides automatic, yet autonomous lockdown features of soft target areas by integrating with existing access control systems, video surveillance, and PA & Wide Area Warning systems.



Threat Detection and Validation, Access Control, and Notification Processes are all performed within seconds of a detected active shooter event by the EAGL System.

System Components Summary

EAGL System Control Unit

• IT rack • 2U drawer • Connects to existing LAN/WAN and ethernet ports • Integrates with existing access control, video surveillance, and visual/audible warning systems

FireFly® Energy Sensor

• Rated for INTERIOR applications • Capable of transmitting and receiving wireless data • Battery operated

Panic Button

• Allows manual intervention by the EAGL system to be treated as an actual threat detection input

Gateway

• Rated for interior AND exterior applications • Communicates wirelessly with FireFly® and DragonFly™ energy sensors • Connects to EAGL System via ethernet connection

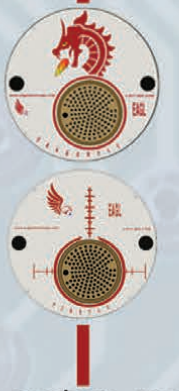
DragonFly™ Energy Sensor

• Rated for EXTERIOR applications • Capable of transmitting and receiving wireless data • Battery operated

EAGL System Operation Chart

The Energy Sensor validates captured energy when threat thresholds are met. The sensor then sends this captured threat waveform to the gateway unit via wireless RF transmission for additional processing by EAGL System.

The Energy Sensors detect energy and performs threat vs. non-threat analysis.



The EAGL system uses two types of sensors based on application environment, interior or exterior.

RF

Gateway sends validated Energy Sensor data to the EAGL System Control Unit via direct Ethernet connection for further analysis.

Ethernet

EAGL System Operation Chart Cont.

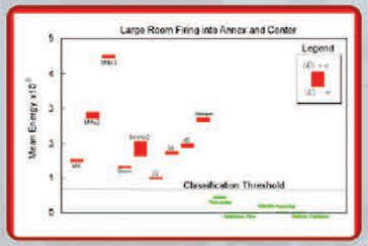
The EAGL System is customizable allowing the ability to send notifications (such as active shooter event info, email/text, and GPS location) to assigned individuals.

EAGL System Notification features include providing Law Enforcement with active shooter event info, live stream video, email/text, and GPS location information.

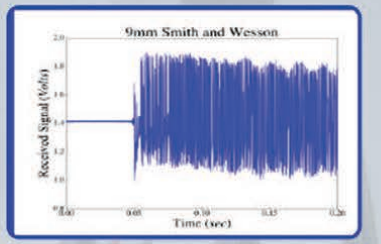
The EAGL System performs additional waveform analysis to determine weapon type & initiates preprogrammed adaptive responses for Access Control & Notifications with real-time video streaming features when the "Dual Validation" process is completed.

The EAGL system can also be integrated with aural, strobe, or other lighting systems to increase situational awareness.

FireFly® Indoor Energy Sensor



EAGL Technology LLC produces equipment using the latest gunshot detection science pioneered by the Department of Energy. EAGL Technology took this science a step further by developing the Emergency Automatic Gunshot Lockdown (EAGL) System, the FireFly® and DragonFly™ Energy Sensors, and Cityweb systems.



This equipment is designed to work automatically and autonomously in both interior and exterior environments.

All equipment uses zero false read "Dual-Validation" Technology for threat assessment verification preventing false alarm conditions!

The patented FireFly® Energy Sensor first detects the energy level generated during a weapon discharge and begins performing the first validation step determining detected energy as being a threat condition using proprietary algorithms. The second validation step is performing additional processing of the captured waveform. The third validation is performed by the EAGL System Control Unit.

DragonFly™ Outdoor Energy Sensor

The DragonFly™ does not require any infrastructure and can be mounted almost anywhere. Equipped with a powerful battery that can last 7 years, this device has a very large detection range and uses advanced algorithms to eliminate false alarms.

The DragonFly™ Energy Sensor offers a paradigm shift in exterior gunshot detection technology. It is the only gunshot sensor operating on the Industrial IoT LTE platform!

A TRANSFORMATIVE BREAKTHROUGH IN EXTERIOR GUNSHOT DETECTION TECHNOLOGY!!!

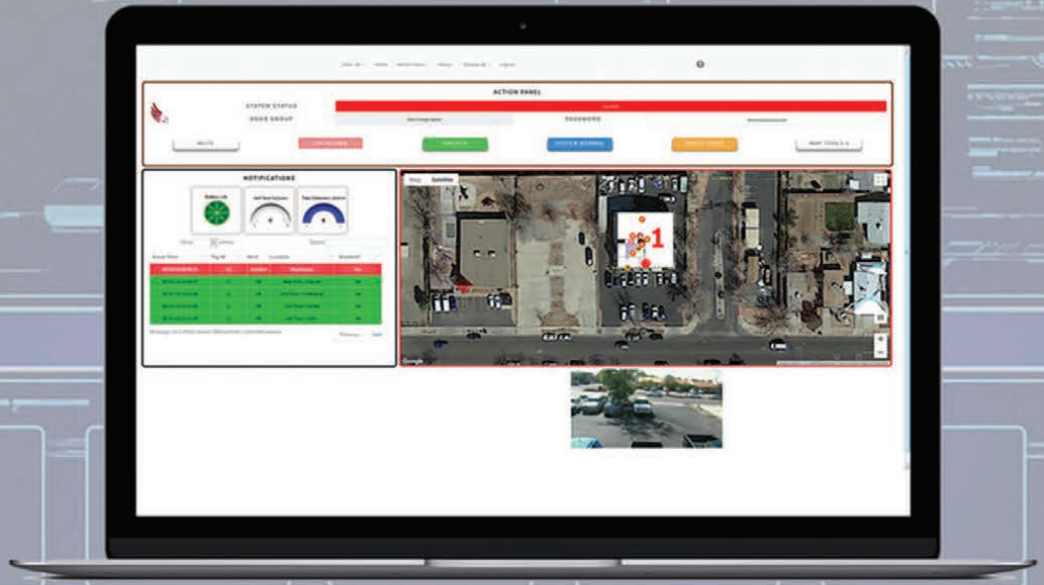
Panic Button

The panic button is a completely wireless feature that can be placed anywhere allowing manual intervention by the EAGL system and treated as an actual threat detection input. The system can differentiate between a sensor gunshot alarm and a manual panic button using the EAGL's adaptive response technology. It will also allow the user the ability to create a customizable system response using the panic button alarm.

Key Features

- Full facility lockdown capability fully automated if gunfire is detected (Preprogrammed adaptive response actions) Exit/Egress is always possible.
- Provide real time ballistic analysis.
- Easy to install with capability to integrate the entire building security under one umbrella that includes: fire, burglar, CCTV, access control, chemical and biological sensors.
- Able to control multiple buildings utilizing the adaptive response model.
- Live video streaming is accessible via EAGL interface at all times.
- Mostly wireless, scalable and easy to install.
- Provides facility card access control to deny access to those who do not belong.
- Integrates with most public address systems and wide area warning systems to alert building occupants of threats.
- Real time data dissemination.
- Provides critical information to law enforcement and building officials enabling immediate and appropriate actions for optimal outcomes.

Web Base User Interface



- Browser Based
- Access Control Door Status (Locked, Unlocked, etc.)
- Google Map Satellite Views
- Building Map Overlays
- No Standalone Software
- Markers for All Assets (Sensors, Cameras, Locks, etc.)
- Adaptive Response for All Sensors
- Recent Events

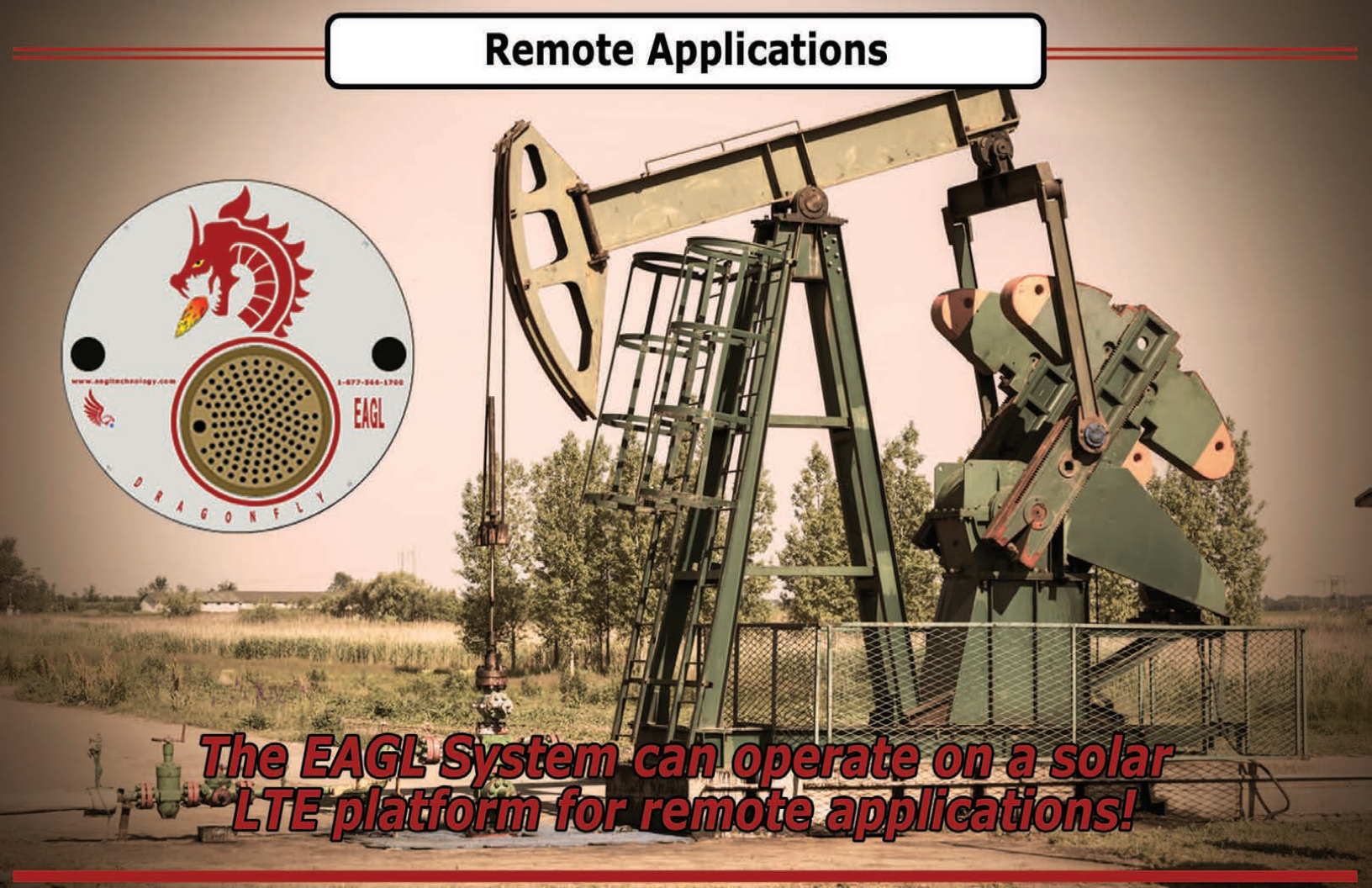
CityWeb

The Firefly® Energy Sensor can be programmed into most existing privately owned burglar alarm systems to autonomously monitor firearm discharges in densely populated areas, delivering 24/7 realtime Gunshot Reporting to Local Law Enforcement.

The CityWeb concept is based on a public/private partnership, in which local Law Enforcement and Private Companies cooperate to champion public safety in their neighborhoods.

DESIGNED TO MONITOR DENSELY POPULATED AREAS AND TIES INTO EXISTING BUILDING ALARM SYSTEMS

Remote Applications



The EAGL System can operate on a solar LTE platform for remote applications!

Price Model Summary

EAGL Technology manufactures equipment offering cost-effective solutions to counter active shooter events. Pricing will vary based on equipment deployment strategy and installation costs. The system is easily scalable to allow for future growth and expansion.

The basic EAGL System is bundled to include 4 free energy sensors, 1 free gateway, and EAGL server

Call 1-877-566-1700 or email info@eagltechnology.com today for a FREE estimate!

Additional sensors and gateways can be purchased separately

EAGL Technology LLC
5801 MCLEOD RD, NE
ALBUQUERQUE, NM 87109
1-877-566-1700

WWW.EAGLTECHNOLOGY.COM