NOBLE

EAGL
RESPONSE INTEGRATION

POWERED BY SCYLLA.AI

SCYLLA

SMART, LAYERED THREAT DETECTION SOLUTIONS

WEAPONS - BEHAVIORS - OBJECTS - & MUCH MORE

EAGL RESPONSE INTEGRATION

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EAGL
RESPONSE INTEGRATION

INTEGRATED THREAT DETECTION SOLUTIONS

EAGL Technology is a pioneer in advanced gunshot detection and automated security response solutions. EAGL and Scylla are known for developing one of the most accurate and responsive gunshot and weapons detection systems in the world. EAGL offers an integrated platform combining real-time detection with automated lockdown capabilities, emergency notifications, and situational awareness tools. EAGL's technologies are engineered for a broad range of critical infrastructure applications, including schools, airports, commercial, government, and military facilities, public venues, hospitals, stadiums, and arenas, enhancing both preventative and responsive security measures.

AI AND COMPUTER VISION ENABLED SOLUTIONS

- Gun, Gunshot, & Weapons Detection
- Object Detection & Tracking
- Perimeter Intrusion Detection
- Anomaly Detection & Behavior Recognition
- Smoke & Fire Detection
- Drone Security
- False Alarm Filtering System
- Traffic & People Flow Analysis
- Access Control
- Face Recognition
- License Plate Recognition

U.S. DEPARTMENT OF HOMELAND SECURITY
DESIGNATED
SAFETY ACT
www.safetyact.gov
SCIENCE AND TECHNOLOGY
TM

EAGL's AI-powered physical threat detection solutions include advanced video analytics and real-time threat detection capabilities, providing a comprehensive security solution that enhances situational awareness and response times across various sectors. Our integrated technologies bolster security infrastructure, ensuring a proactive approach to threat detection and management.

EAGL Technology equipment carries the SAFETY Act Designation approved mark. This credential affords legal and liability protections and resources for users, integrators, and the OEM for claims arising from acts of terrorism where the equipment is deployed.

EAGL THREAT DETECTION SOLUTIONS

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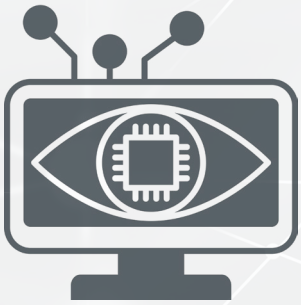
NEXT-GEN THREAT DETECTION TECHNOLOGY

AI-enabled technology for critical infrastructure protection.

Integrated technologies bolster security infrastructure, providing a proactive approach to threat detection and management. Our technology utilizes AI and computer vision to detect objects, actions, and behavior anomalies. With every new product, we strive to make safety more accessible to those who could not afford it otherwise.

- GUN, GUNSHOT, & WEAPONS DETECTION
- OBJECT DETECTION & TRACKING
- PERIMETER INTRUSION DETECTION
- ANOMALY DETECTION & BEHAVIOR RECOGNITION
- SMOKE & FIRE DETECTION
- DRONE SECURITY
- FALSE ALARM FILTERING
- TRAFFIC FLOW ANALYSIS
- ACCESS CONTROL
- FACE RECOGNITION
- LICENSE PLATE RECOGNITION



EAGL TECHNOLOGY USES AI AND COMPUTER VISION

MISSION-READY SYSTEM CONFIGURATION

NOBLE and EAGL work with you to customize your system.

NOBLE and EAGL's innovative partnership introduces AI-enhanced weapons, gunshot detection and response systems into public spaces. This groundbreaking collaboration merges EAGL's autonomous threat detection innovation with NOBLE's extensive experience supporting law enforcement, military, and homeland security customers. NOBLE's track record includes providing cutting-edge physical security technologies, along with the necessary training and operational support.

NOBLE's team includes security experts with field experience in threat response and infrastructure protection. We guarantee that all deployments meet operational, regulatory, and mission-specific requirements. NOBLE's strengths in federal contracting, logistics, and tactical procurement comine with EAGL's advanced sensor technology and AI capabilities to offer an end-to-end mission-ready solution. Our combined capabilities support rapid implementation, robust incident response, and scalable protection—addressing the modern security challenges faced by government agencies and critical infrastructure operators with precision, compliance, and reliability.

EAGL Technology's systems are used in various settings, including educational institutions, healthcare facilities, and public venues. Notably, Dayton Children's Hospital in Ohio has implemented over 400 FireFly and DragonFly sensors across its multiple locations, enabling the pinpointing of gunshots with almost instantaneous accuracy and alerting public safety within seconds. Additionally, Martinsville City Schools in Virginia have integrated EAGL's sensors with the Honeywell WIN-PAK access control system, enabling automatic lockdown protocols and real-time notifications to staff and parents.

AI-powered gunshot detection systems have been deployed in various high-security environments, including military installations and critical infrastructure sites. Additional EAGL clients include Door Dash, Honeywell Aerospace, the NFL, the Jewish Federation of Chicago, the City of Houston, El Paso Electric, and many more.

AFFORDABLE, SCALABLE SYSTEMS

Our systems are cost-effective and scalable with minimal impact to existing structures.

The wireless nature of EAGL sensors reduces installation costs associated with wiring and labor. The integration capabilities with existing security systems further enhance the cost-effectiveness by leveraging the current infrastructure. This scalability ensures that our systems can adapt to the changing needs of our clients, making them a sound investment in the long run.

MINIMAL IMPACT TO EXISTING INFRASTRUCTURE

EAGL's wireless acoustic gunshot detection system integrates seamlessly with building security systems, including access control, video surveillance, intercom, and public-address systems. This integration allows for rapid lockdown protocols and immediate notifications to law enforcement and other emergency responders. The system's open architecture ensures compatibility with various existing infrastructures, minimizing the need for extensive modifications.

Our systems integrate seamlessly with existing security infrastructures, including CCTV cameras, UAVs, and bodycams. The AI-driven platform processes video streams in real-time to detect and analyze threats, providing actionable insights to security personnel. Integration with platforms like IVISEC and Intrepid Networks further enhances situational awareness and response capabilities, enabling a comprehensive approach to threat detection and management.

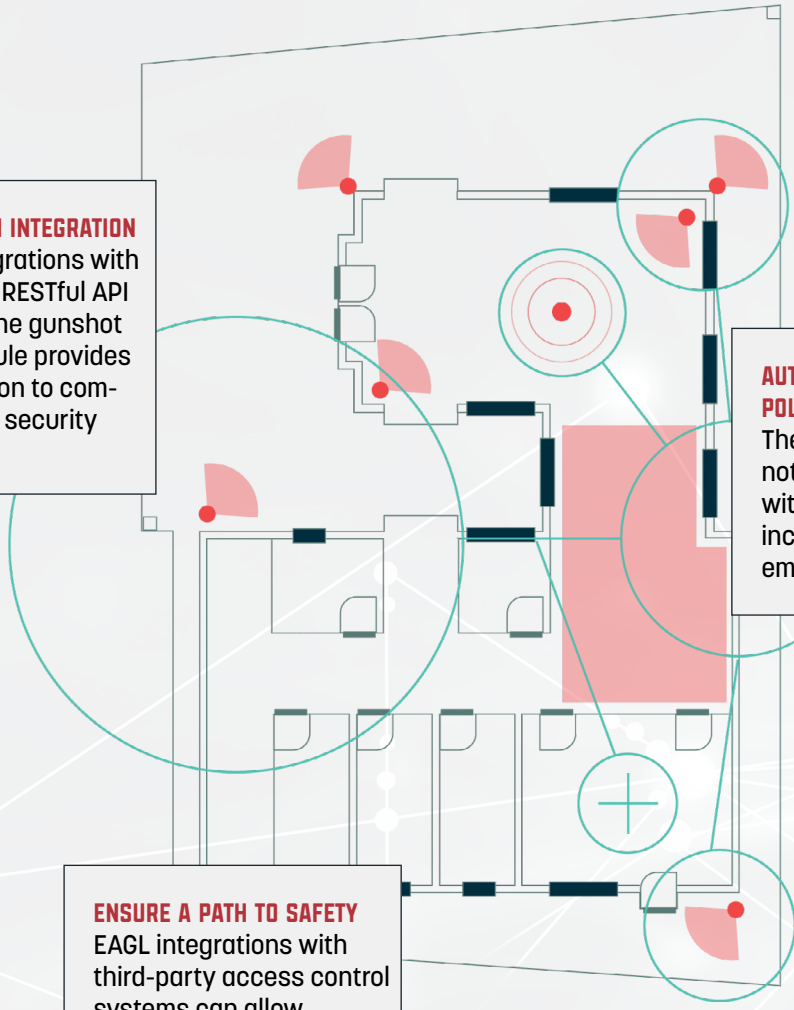
MATURITY OF THE TECHNOLOGY

EAGL Technology was established in 2015 after acquiring gunshot ballistic science developed by the U.S. Department of Energy's Pacific Northwest National Laboratory (PNNL). The company has advanced this technology, creating a state-of-the-art security system that includes the EAGL Gunshot Detection & Lockdown System and CityWeb. These systems utilize patented FireFly Ballistic Sensor technology, which integrates with existing access control systems, video surveillance systems, intercom systems, and public-address systems.

THREAT RESPONSE INTEGRATION IN ACTION

EAGL's response automation does it all.

Real-time threat detection and identification capabilities include gun detection, behavioral analytics, facial recognition, and anomaly detection.



EXISTING SYSTEM INTEGRATION
Seamless integrations with systems using RESTful API are possible! The gunshot detection module provides a scalable option to complete most site security plans.

AUTOMATED NOTIFICATIONS TO POLICE & FIRST RESPONDERS
The EAGL System can notify law enforcement within seconds of a threat incident via e-911, text, email, or VoIP call.

ENSURE A PATH TO SAFETY
EAGL integrations with third-party access control systems can allow separation between the "Innocent(s)" and the "Perpetrator(s)" during threat situations by limiting access.

PANIC STATION

Pull Station Device

APPLICATION: A wireless, manually operated, pull station device allowing direct input of a signal representing and processed as a threat by the Emergency Automatic Gunshot Detection & Lockdown (EAGL) System, a Gunshot Detection System (GDS).

DESCRIPTION: EAGL Panic Station is a self-contained, battery operated, wireless pull station, using a dual action switch when activated, transmits a signal to the EAGL System representing a threat condition and initiating a pre-programmed Adaptive Response.

The operator activates station by pushing the "EMERGENCY" bar inward, grasping the "PULL" bar underneath and pulling in a downward motion placing the bar in a latched position.

This action locks the bar and engages the internal switch initiating device signal transmission. The panic station displays initiated action when the bar is in the locked down position. Device reset is only available via a key during reset process. All device transmissions are encrypted operating via LoRa, 433 MHz.

TYPICAL CHARACTERISTICS

Power	Internal - Direct Input, Lithium Battery, 3.6VDC
Battery Life	Approximately 6 years
Function	Allows operator to manually input a threat condition signal by activating the "PULL" bar initiating a wireless, encrypted transmission to the EAGL System.
Communication	Encrypted, Wireless RF, 1 Channel LoRa, 433 MHz
Communication Range	Approximately 400 FT, (152.4m) Spherical2
Pull Station Dimensions	4.925"L x 3.557"W x 3.194"D (125.1mm L x 90.349mm W x 81.128 mm D)
Device Weight	12 OZ., (0.34kg)
Operating Temperature	-40°F to 150°F (-40°C to 65.56°C)
Mounting	Mounting Application Specific, please request details

[1] Dependent on number of manual activations
[2] Optimum Range

CERTIFICATIONS, COMPLIANCE, & CONFORMANCE:

Device and/or components have the following credentials are listed or meet the following certifications, compliances, ratings, regulations, standards, specifications, or rules:

- ETSI: EN 330 220-1 v3.1.1
- FCC: CFR 47, Part 15, Subpart B:2017, Class B; ID: 2ALPH-E19
- EMC: ICES-003, Issue 6:2016, Class B IT Equipment; 2014/30/EU
- ROHS: Directives 2015/863/EU; 2011/65/EU
- UN / DOT 38.3

TALON

Indoor Ballistic Sensor

APPLICATION: An indoor wireless gunshot sensor performing energy capture, waveform analysis, and transmitting resultant data to the Emergency Automatic Gunshot Detection & Lockdown (EAGL) System, a Gunshot Detection System (GDS).

DESCRIPTION: Compact, wireless, self-contained, battery operated gunshot sensor executing threat versus non-threat validation analysis using energy level and waveform analysis algorithms.

Optimal sensor coverage when mounted to horizontal ceiling substrates and providing a spherical detection coverage area of -31,415 FT2. Sensor can be mounted to vertical surfaces although this method presents a decreased coverage area.

Threat validation data is wirelessly transmitted by sensor to the EAGL System Server via the EAGL Gateway. Data received by the Server is processed further initiating the appropriate preprogrammed automatic and autonomous Adaptive Response feature and process.

Sensors also receive calibration data from the EAGL Server using similar communication process and methods. All transmitted data is encrypted operating on LoRa, 433 MHz.

TYPICAL CHARACTERISTICS

Power	Internal - Direct Input, Lithium Battery, 3.6VDC
Battery Life	Approximately 6 years
Function	On-board Firmware, Energy Level and Waveform Analysis
Communication	Encrypted, Wireless RF, 1 of 10 Channels, 433 MHz
Detection Range	Indoor, -100 FT Radius < -31,41s FT2 Spherical Area
Dimensions	4"OD x 2.25"T 101.6 mm OD x 57.15 mm T
Device Weight	l2 OZ., (0.34kg)
Operating Temperature	-40°F to 185°F
Weight	7.7 oz (0.481 lbs) 0.218 kg
Mounting	Horizontal and Vertical surfaces

CERTIFICATIONS, COMPLIANCE, & CONFORMANCE:

Device and/or components have the following credentials are listed or meet the following certifications, compliances, ratings, regulations, standards, specifications, or rules:

- ETSI: EN 330 220-1 V3.1.1
- FCC: CFR 47, Part 15, Subpart B:2017, Class B; ID: 2ALPH-E19
- EMC: ICES-003, Issue 6:2016, Class B IT Equipment; 2014/30/EU
- ROHS: Directives 2015/863/EU; 2011/65/EU
- UL: UL Yellow Card2: E67171-248322; BBCV2.MH12193 (Listing);
- UL94-HB (Flammability Rating)
- CAN/CSA-CISPR 22-10
- CE: RED 2014/53/EU
- UN / DOT 38.3

DRAGONFLY™ IOT

Outdoor Ballistic Sensor

Encapsulated Sensor within Resonance Chamber and Pole Mount shown

APPLICATION: An outdoor wireless gunshot sensor performing energy capture, waveform analysis and transmitting resultant data to the Emergency Automatic Gunshot Detection & Lockdown (EAGL) System, a Gunshot Detection System (GDS) via IoT.

DESCRIPTION: Compact, wireless, self-contained, battery operated gunshot sensor executing threat versus non-threat validation determinations using energy waveform analysis algorithms.

Sensor is encapsulated within resonance chamber allowing flat wall, corner or pole mounting capability while providing an optimum spherical detection coverage area up to 70,685 FT2.

Threat validation data is wirelessly transmitted by sensor to the EAGL System Server via internal Quectel IoT. Data received by the EAGL System Server is processed further while initiating the appropriate preprogrammed automatic and autonomous Adaptive Response feature and process.

Sensor also receives calibration data from the EAGL Server using similar communication process and methods. All transmitted data is encrypted.

TYPICAL CHARACTERISTICS

Power	Internal - Direct Input, Inorganic Lithium Battery, 3.6VDC
Battery Life	6 years, optimally
Function	On-board Firmware, Energy Waveform Analysis
Communication	IoT, secure internet connection and data exchange (Quectel, LTE-M)
Detection Range	Outdoor, -150 FT Radius ‘S70,685 FT^2 Spherical Area
Detection Response Time	‘S4-8 Seconds
Sensor Dimensions	4”OD x 2.25”T (101.6 mm OD x 57.15 mm T)
Resonance Chamber	7.623”OD X 5.69”H (Chamber Only)
Operating Temperature	-20°C to 60°C
Sensor Weight	7.7 oz. or 0.481 lbs., (0.218 kg.)
Resonance Chamber Weight	4.9 oz. or 0.303 lbs., (0.139 kg.)
Mounting	Mounting Application Specific, please request details

CERTIFICATIONS, COMPLIANCE, & CONFORMANCE:

Device and/or components have the following credentials are listed or meet the following certifications, compliances, ratings, regulations, standards, specifications, or rules:

- FCC: CFR 47, Part 15, Subpart B:2017, Class B
- EMC: ICES-003, Issue 6:2016, Class B IT Equipment; 2014/30/EU
- ROHS: Directives 2015/863/EU; 2011/65/EU
- UL: UL Yellow Card2: E67171-248322; BBCV2.MH12193 (Listing);
- UL94-HB (Flammability Rating)
- CAN/CSA-CISPR 22-10 CE: RED 2014/53/EU
- UN / DOT 38.3

EAGL EMERGENCY AUTOMATION

Saving time saves lives!

By using EAGL's Emergency Automation, your call arrives at the 911 center in seconds, not minutes, without user delay. Saving time and lives.

The EAGL Automation platform can automate your emergency response plans, for any emergency, allowing vital information to be delivered in seconds not only to law enforcement, but to everyone who needs it, in any format of your choosing: Text, Email, or Voice Call. The platform allows you to lock down doors and has the capability to activate other "obstacles" to slow down the "bad" and afford everyone more time to get safe, or to confront the issue.

The system can deliver, to any browser-based device, the tools needed by those who arrive to help. Giving simple, ad-hock, access to satellite imagery and live visual alarms, along with real-time camera access, detailed floor maps, door lock access, and real-time situational awareness.

THE EAGL ADAPTIVE RESPONSE

At the core of the EAGL Automation Platform is our patented Adaptive Response, which allows you to create custom automations very quickly and easily within the EAGL system.

Our simple-to-navigate web-based platform allows an authorized user to set up anything from a simple response automation such as locking a door to a more complex one such as locking doors, turning off fire alarm bells, sending multiple notifications, making announcements, E911, etc. Any user can intuitively use this interface to simply click and select within its options on the Adaptive Response webpage, greatly reducing their time and effort to create Automation Scenarios while being assured they will function as intended.

ADAPTIVE RESPONSE AUTOMATIONS

For every input/activation point configured into the EAGL Automation Platform, multiple options can be automated within the Adaptive Response.

- Multiple Email and Text groups
- Custom Message Additions
- Automated Network Controlled Relays

EAGL EMERGENCY AUTOMATION

Customized automation of your emergency response plans

ADAPTIVE RESPONSE AUTOMATIONS (CONTINUED)

- Local Server Address
- Public address or phone system-based audio announcements using the included text-to- speech engine or pre-recorded messages.
- Voice calls to multiple users with custom message
- Alarm Post to multiple endpoints (API Based)
- VMS/EMS Direct Integration
- E911 Option
- Multi-user conference calling
- Lockdowns (one or many doors)
- Digital Floor Map Delivery
- Satellite Map with live alarms
- Multiple camera live access

INPUTS & SENSOR OPTIONS

The EAGL platform can use multiple devices and choices to activate emergency automation. These choices can include, but are not limited to, hard connections such as a relay contact, EAGL Sensors, and soft or "Snap-in" connections. Any of these options can be used alone, or alongside others, in an Adaptive Response automation scenario. This allows highly e ective and targeted automations for any situation. Sensor can include any of our wireless sensors:

- Indoor Talon Gunshot Sensor
- Outdoor DragonFly or DragonFly Extreme Sensors
- Body Worn BlueFly Gunshot and Man-Down Sensor
- Panic/Duress/Safe Buttons
- Panic/Pull Stations
- Vape Sensor
- In-Vehicle TransitFly sensor
- EAGL Smart Phone Safe App Soft Connection and "Snap-Ins"
- Weapons Detection
- Fight Detection
- Intruder Detection
- Suspicious behavior
- Facial Recognition
- License Plate Recognition
- Smoke/Fire
- Slip and Fall
- As well as hardwired/contact based inputs from any other system or solution

EAGL EMERGENCY AUTOMATION

Choose your deployment option.

ON-PREMISE APPLIANCE

The Emergency Automatic Gunshot Detection and Lockdown (EAGL) System is a Gunshot Detection System (GDS) capable of providing both automatic and autonomous responses upon threat detection and validation.

The system's configuration uses standard HTTP/HTTPS protocol over TCP/IP operating on a Linux platform allowing integration flexibility and interoperability with third party APIs, analog outputs, access control, video and mass notification messaging systems. EAGL Server presents system status by allowing credentialled operator interface via its web-based Graphical User Interface (GUI). Server also offers notification features to include: Email, Text (Text-to-Speech), VoIP and POTS phone dial functions.

The EAGL Server connects via Power-Over-Ethernet (POE) to EAGL Gateways allowing encrypted, two-way, wireless RF communication to FireFly and DragonFly1‴ Energy Detectors.

TYPICAL CHARACTERISTICS

Power	External, 120VAC, Single Phase Input (NEMA 5-ISP)
Server	Embedded Host Firmware, Web Server
Dialer	Analog/ Digital (POTS/ VoIP)
Relay Board	IP Controlled Relay Board (8 IP Relays, 8 Operational Modes)
Dimensions	(2U) 19″LX 17.S″W X 3.S″H 482.6 mm x 444.5 mm x 88.9 mm
Operating Environment	Typical IT Room, Controlled Environment
Operating System	Linux
Integration	Access Control, Video Surveillance, Wide Area Notification, Aural/Emergency Light & Strobe, PA systems and VoIP
Architecture	Allows interoperability with third party APIs

CLOUD SERVICE

The Emergency Automatic Gunshot Detection and Lockdown EAGL Cloud Server provides administrators with flexible and cost-effective options for system management. The device also supports EAGL system operation and reporting functions while allowing deep workflow integration with building security systems.

The system configuration allows flexible integration and interoperability with 3rd-party equipment using an open API structure. These include access control, video, and mass notification systems. The EAGL Cloud Server presents the system status by allowing credentialled operator interface via its web-based Graphical User Interface (GUI). The Server also offers notification features, including email, text (text-to-speech), e911, and VoIP phone dial functions. Additionally, the server can provide analog outputs initiating 3rd-party equipment functionality while performing automatic yet autonomous Adaptive Responses to meet the immediate an emergency need.

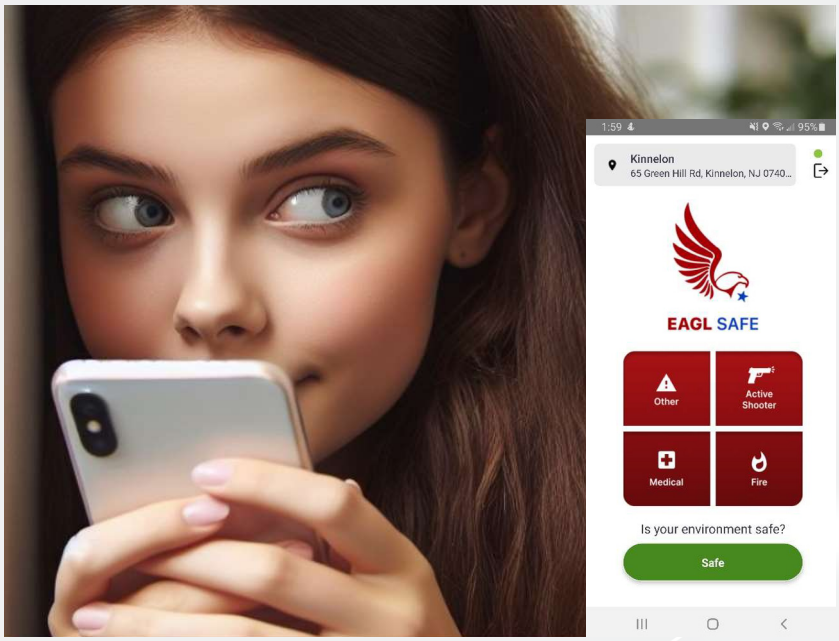
The EAGL Cloud Server can pair either with RF or IoT system devices and uses AES 256-bit encryption for wireless device communication.

TYPICAL CHARACTERISTICS

Server	Cloud-based
Dialer	Digital (VoIP)
Operating System	Linux
Integration	Access Control, Video Surveillance, Wide Area Notification, Aural/Emergency Light and Strobe, PA systems, VoIP, and e911
Architecture	Allows interoperability with third party APIs

EAGL SAFE APP

The smartest thing on a smart phone



Nothing is more likely to be close at hand during an emergency than your smart phone. With EAGL's Safe App you have the tools at your fingertips to send help – FAST!

CALL US. TOGETHER WE CAN SAVE LIVES.

Safe App uses EAGL's patented Adaptive Response Technology and Emergency Automation to silently deliver text, email, voice notifications, and push data directly to 911, within seconds of pressing the key within the Safe App. This delivers the user's name and specific location data along with the type of emergency; active shooter, fire, medical, or other, everywhere needed.

NOBLE

YOUR TRUSTED PARTNER IN READINESS

MISSION POSSIBLE

NOBLE provides the protective blueprint and readiness resources to thwart threats and threat capabilities. We deliver the equipment, technology, training, expertise, responsiveness, and services to safeguard the U.S. Critical Infrastructure, people, and overseas partners.

We provide protective and emergency services equipment and product integration ,with simplified procurement, global logistical services, training, and support. With over four decades of U.S. Government-approved performance, and long-standing industry supplier partnerships, we provide on-time, mission-ready delivery of security and emergency service products, and training.

WHO WE ARE

- HQ in Boston, MA, & 50 Global Locations
- 15,000 Suppliers
- Millions of Products
- 150+ Contract Vehicles
- Certified Small Business
- ISO Certifications: 9001:2015, 14001:2015
- NOBLE provides global sustainment and operations support for the U.S. Government and its allies.

WHAT WE DO

- Global Supply Chain Management
- Expeditionary Logistics
- Mission Support
- Cutting-Edge Technology
- Training & Technical Solutions
- Life Cycle Sustainment

TO PLACE AN ORDER

- Call us: 1-877-999-1911
- Submit an RFQ: noble.com/request-for-quote
- Find out more: noble.com/ci

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