Noise is the first sign of danger!
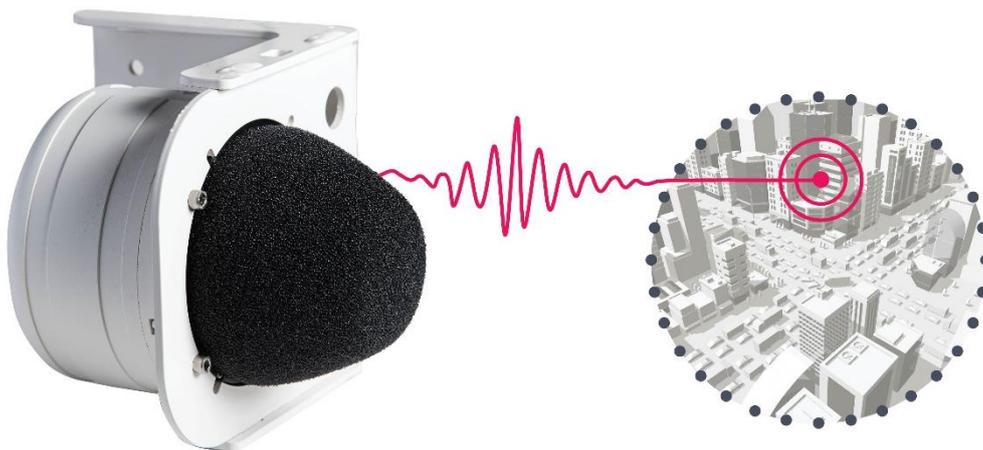
Secure and protect your community with ACOEM
Gunshot & Acoustic Threat Detection

Caption: ACOEM Gunshot & Acoustic Threat Detection, detects, localizes, raises an alarm and communicates with security cameras, automatically directing them to the precise location of the threat.

Richmond, VA, USA, 25 March 2020… **ISC West 2020 will be the first time that the global security industry will have the opportunity to view and experience ACOEM's latest threat detection solution – using military grade acoustic monitoring technology to safeguard communities in civilian applications.**

Today's urban centers, venues and events face unprecedented security challenges. Until now, the management of those challenges has largely depended on prevention, via on-the-ground police and security forces, and visual surveying though closed-circuit cameras and live video feeds. With multiple screens to scrutinize at any one time, decision making and reaction times have often been impeded. The integration of acoustic detection technology is a game changer.

Combat-proven technology

ACOEM pioneered acoustic gunshot detection technology 25 years ago and it has been successfully deployed in military operations ever since, trusted by soldiers around the world including US Special Forces in Iraq and Afghanistan.

Building on that foundation, we are now in the position to partner with civilian security operators and surveillance equipment manufacturers to help law enforcement and security professionals make faster, more informed tactical response decisions to emergency situations – creating safer cities and venues.

Compact and lightweight, [ACOEM Gunshot & Acoustic Threat Detection](#) modules are easy to install and integrate with existing or new visual monitoring equipment in public spaces. Within a matter of hours, individual monitoring devices or a network of modules can be installed and connected to a communication network. Wireless and battery / solar panel powering options are also available.

By integrating sound with sight, our threat detection monitor automatically pinpoints acoustic incident zones within a matter of seconds, significantly increasing detection, identification and visualization of the threat in real time. It also speeds up the process of investigating post-incident.

Module data is processed and transmitted to a command center or individual enabled devices immediately. A single interface provides precise mapping coordinates, incident event logs, correlated video and detailed descriptions of the anomaly. Using recognized acoustic signatures, it will identify the risk and distinguish the source and type of disturbance – gunshot, breaking glass, screaming, drone incursion, crowd stampedes, etc.

Portability, affordability and flexibility of design mean that Acoustic Threat Detection modules can be installed indoors or out, wherever surveillance is critical – from stadiums and educational institutions to airports and houses of worship. They are also an ideal solution for special events and one-off security projects.

ACOEM is an approved security solution provider endorsed by France's Strategic Security Committee (CSF) for major events including the 2024 Paris Olympic and Paralympic Games.

Caption: Compact and lightweight, ACOEM Gunshot & Acoustic Threat Detection modules are easy to install and integrate seamlessly with visual monitoring equipment in public spaces. AI powered smart sensors identify potential danger and hazards; distinguish the source and type – including gunshots, explosions and drone incursions; and immediately transmit critical data to command centres and first responders via any web-enabled device.

Come visit the ACOEM team at ISC West 2020 booth #2052 and chat with us about how our Acoustic Threat Detection technology would complement your current equipment and give your surveillance system the power of hearing.

ACOEM is committed to creating a safer and more secure world by pioneering technology that combines IoT and small sensors. Our environmental monitoring and civil protection solutions cast a safety net over cities, detecting visible and non-visible threats in real time. AI powered smart sensors identify potential danger and community hazards including gunshots, vehicle incidents, changes in air quality and noise pollutants. Data is immediately transferred to the cloud giving command centres and first responders instant access via any web-enabled device.

Find out more at acoem.com

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