



Silynxcom Unveils Innovative Headset to Enhance Drone Detection for Armored Vehicle Crews

Netanya, Israel, Dec. 19, 2024 (GLOBE NEWSWIRE) -- Silynxcom Ltd. (NYSE American: SYNX) ("Silynxcom" or the "Company"), a manufacturer and developer of ruggedized tactical communication headset devices, earlier this month announced its latest innovative product aimed at boosting situational awareness and safety for artillery operators, armored personnel carrier ("APC") crews and other heavy military vehicles. This technology addresses a critical challenge on the modern battlefield: detecting the distinct and potentially life-threatening drone humming while simultaneously maintaining hearing protection in high-noise environments.

With modern battlefields evolving, artillery operators and APC crews face the triple challenge of hearing protection from the high-decibel sounds of vehicle engines and weaponry, being connected to the crew intercom system and radio communication, and simultaneous alertness to vital sounds such as the faint hum of an approaching drone or UAV - a sound that could signal a life-threatening threat. Silynxcom's newest headset rises to meet this challenge, combining advanced auditory technology with reliable durability.

Revolutionizing Sound Awareness and Hearing Protection

The new headset integrates cutting-edge technology that:

- **Protects Hearing:** Offers protection from continuous and sudden loud noises.
- **Selective Amplification:** Amplifies critical environmental sounds, like drone noise, without blocking essential auditory cues.
- **Enhanced Compatibility:** Seamlessly connects with variety of leading military intercom and radio systems for easy upgrades.

Developed for the Battlefield of Tomorrow

Silynxcom's innovative crew headset was developed in partnership with a global industry leader and has undergone rigorous field testing with one of the world's most advanced military forces to meet high standards for performance, reliability and adaptability.

"Our mission is to redefine how military forces handle modern threats," said Nir Klein, Chief Executive Officer of Silynxcom. "This innovative headset protects hearing and sharpens awareness of critical sounds on the battlefield, ensuring that military crews can respond faster and more effectively. We believe it's a game-changer for tactical communication and battlefield safety."

Shaping the Future of Tactical Communication

This latest innovation reinforces Silynxcom's commitment to addressing the evolving needs of modern military forces. By enhancing sound awareness and protection, the Company continues to design solutions that empower soldiers and safeguard lives in the most demanding environments.

About Silynxcom Ltd.

Silynxcom Ltd. develops, manufactures, markets, and sells ruggedized tactical communication headset devices as well as other communication accessories, all of which have been field-tested and combat-proven. The Company's in-ear headset devices, or In-Ear Headsets, are used in combat, the battlefield, riot control, demonstrations, weapons training

courses, and on the factory floor. The In-Ear Headsets seamlessly integrate with third party manufacturers of professional-grade ruggedized radios that are used by soldiers in combat or by police officers in leading military and law enforcements units. The Company's In-Ear Headsets also fit tightly into the protective gear to enable users to speak and hear clearly and precisely while they are protected from the hazardous sounds of combat, riots or dangerous situations. The sleek, lightweight, In-Ear Headsets include active sound protection to eliminate unsafe sounds, while maintaining ambient environmental awareness, giving their customers 360° situational awareness. The Company works closely with its customers and seek to improve the functionality and quality of the Company's products based on actual feedback from soldiers and police officers "in the field." The Company sells its In-Ear Headsets and communication accessories directly to military forces, police and other law enforcement units. The Company also deals with specialized networks of local distributors in each locale in which it operates and has developed key strategic partnerships with radio equipment manufacturers.

Forward-Looking Statements

This press release contains "forward-looking statements" within the meaning of the "safe harbor" provisions of the Private Securities Litigation Reform Act of 1995 and other federal securities laws and are subject to substantial risks and uncertainties. Forward-looking statements contained in this press release may be identified by the use of words such as "anticipate," "believe," "contemplate," "could," "estimate," "expect," "intend," "seek," "may," "might," "plan," "potential," "predict," "project," "target," "aim," "should," "will" "would," or the negative of these words or other similar expressions, although not all forward-looking statements contain these words. For example, the Company uses forward-looking statements when it discusses: the belief that this technology addresses a triple challenge on the battlefield; the belief that this headset ensures that military crews can respond faster and more effectively; the belief that this headset is a game-changer for tactical communication and battlefield safety; and the belief that this innovation reinforces Silynxcom's commitment to addressing the evolving needs of modern military forces, showing that the Company continues to design solutions that empower soldiers and safeguard lives in the most demanding environments. Further, certain forward-looking statements are based on assumptions as to future events that may not prove to be accurate. These and other risks and uncertainties are described more fully in the section titled "Risk Factors" in the Company's Annual Report on Form 20-F for the year ended December 31, 2023 filed with the U.S. Securities and Exchange Commission (the "SEC") on April 30, 2024, and other documents filed with or furnished to the SEC which are available on the SEC's website, www.sec.gov. The Company cautions you not to place undue reliance on any forward-looking statements, which speak only as of the date they are made. The Company undertakes no obligation to update these statements for revisions or changes after the date of this release, except as required by law.

INVESTOR RELATIONS CONTACT:

Michal Efraty
IR Manager
ir@silynxcom.com



12/19/2024 7:40:00 AM