

ENHANCED SITUATIONAL AWARENESS SOLUTIONS FOR POLICE AND FIRST RESPONDERS

BRINGING MILITARY-GRADE SOLUTIONS TO THE PUBLIC SAFETY SECTOR



// MILITARY-GRADE TAK SOLUTIONS FOR POLICE AND FIRST RESPONDERS



Built on our experience with TAK development for North American militaries – DEFSEC Technologies is bringing cloud-based, intuitive, real-time situational awareness capabilities to the public safety sector. Our successes include the development and demonstrations of our Ground Search and Rescue (GSAR) tool for industry partnered law enforcement organizations through Public Safety Canada and a pilot of our cloud-based solution for use in wildfire recovery efforts with the Canadian Red Cross. In a world where seconds matter, our mission is to enhance situational awareness and advance technologies that improve the safety of public safety personnel.



KWESST LIGHTNING™ is a cloud-hosted TAK-based SaaS platform that enables rapid incident responses with instant onboarding for inter-agency collaboration and real-time encrypted communication (text, voice, photo, video). Its simplified and intuitive interface requires no hardware, software, or IT maintenance, ensuring fast scalability without straining resources. With no major capital investment needed, it delivers secure and efficient incident management for organizations of any size.



The **TAK-enabled Sniper and Surveillance (T-SAS) System** is a solution for tactical operators engaged in fast-paced front-line operations. It brings real-time situational awareness from the eye of the spotter across the chain-of-command. T-SAS combines the latest digital optics technology with the power of TAK to deliver live video from their scope to command posts or other team members with minimal setup. The system is device-independent, allowing sensor data to be transmitted via data radios, cellular networks, Wi-Fi, or ethernet and the T-SAS sensor can be customized and integrated with any situational awareness system.



The **Ground Search and Rescue (GSAR) toolkit** for KWESST Lightning™ transforms SAR operations by digitizing processes through the TAK ecosystem and aligning with industry-standard procedures. It provides detailed tracking of search area progress, showing completed zones and percentage coverage while enabling real-time updates for enhanced situational awareness. Search managers can assign teams to specific segments and streamline coordination, supported by seamless photo, text, video, and voice communication. GSAR ensures faster, smarter, and more efficient responses, empowering teams to save lives with precision and speed.



BOOK AN ENHANCED SITUATIONAL AWARENESS SOLUTIONS DEMO

Virtual or in-person demos available – contact Carolyn Harman | harman@defsectec.com to inquire.



The ARWEN® Less-Lethal System provides public safety officers with reliable, precision-engineered launchers and projectiles to subdue threats while minimizing risk. Designed for versatility, it ensures control in critical situations with less-lethal solutions tailored to modern demands.



The **ARWEN® ACE** is a lightweight, less-lethal weapon with durable components that perform in most environmental conditions and ensures reliability. Its rifled barrel delivers exceptional accuracy, while the open breech design enables rapid fire and quick ammunition changes. Affordable and easy to maintain, it's a versatile solution for law enforcement in critical scenarios.



The **ARWEN® 37 Mark III** is the first less-lethal weapon to combine light weight, high accuracy and the ability to fire up to five shots without reloading. It also has the option to quickly change the ammunition type. This offers the operator a choice of tactics and a level of response unmatched by any other system.



NEW // 40mm baton cartridge has the renowned precision and reliability of the ARWEN® 37mm cartridge and is compatible with most 40mm launchers.



PARA OPS™ is a breakthrough in less-lethal systems. It combines the reliability of a cartridge with a polymer projectile in a low-energy self-stabilizing configuration for accuracy.



PRO 1: Breakthrough low-energy cartridge-based system with a selection of less-lethal payloads (including pepper powder) for public order, subjugation of dangerous suspects, cell extractions, personal protection and animal control.



PRO 5: Five-shot quick reload device for self-defence and subjugation of dangerous suspects. Fires a selection of projectiles including pepper powder. Comes equipped with an internal high-lumen flashlight and laser sight for added deterrence.



LEC Ammo: This patented Low Energy Cartridge (LEC) provides tuned muzzle energy for optimal less-lethal effect. The unique helical design works with the launcher to spin stabilize your choice of rounds.



DO YOU REQUIRE ARWEN® TRAINING OR WOULD YOU LIKE TO HOST A RANGE DAY?

Contact Carolyn Harman | harman@defsectec.com to inquire.

ARWEN® products are strictly for use by qualified law enforcement and military personnel as determined by them in their sole discretion per their agency policies. Improper use can cause serious injury or death. ARWEN® products are never to be fired at the head or throat or at elderly, pregnant or infirm subjects. ARWEN® cartridges reloaded by users are suitable only for training. Operational use requires original factory loaded cartridges.

Any agency procuring and using ARWEN® products does so entirely at its own risk and assumes all liability arising from use. It is a condition of sale of ARWEN® products that the purchasing agency agrees to indemnify and hold harmless Police Ordnance Company Inc. and its related or associated companies, without limitation, from all actions of any kind whatsoever arising from the agency's use of ARWEN® products.

See ARWEN® product specifications before use (available at <https://www.arwenlesslethal.com/launchers/>). Test and evaluate ARWEN® products for suitability in accordance with your agency standards, policies and procedures.

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