

Plymouth Rock Technologies Launches Threat Detection Drone

Plymouth, Massachusetts--(Newsfile Corp. - October 15, 2019) - **Plymouth Rock Technologies Inc. (CSE: PRT) (OTCQB: PLRTF) (FSE: 4XA) (WKN: A2N8RH) ("Plymouth Rock", "PRT", or the "Company")** is pleased to announce the launch of PRT-X1, a next level Unmanned Aerial System (UAS) drone. The PRT-X1 has been designed with the direct input of law enforcement, intelligence agencies, military, and rescue services to address the global requirement for a multi-role, state-of-the-art aerial platform.

"What started out as a simple drone platform to test our threat detection sensors has evolved into a state-of-the-art UAS from a performance, operational and safety perspective," stated Dana Wheeler, President and CEO of Plymouth Rock Technologies. "Intelligent drones with advanced sensor and detection technologies have long been confined to billion-dollar military programs that require tremendous logistics and inter-agency collaboration."

Built entirely from NATO-coalition sourced components, the PRT-X1 UAS platform will enable airborne visual weapon and object detection, facial recognition, with thermal and ultra-high-resolution capabilities. Combined with intuitive point and click flight planning and automatic anti-collision systems managed by artificial intelligence, allows the remote operator to concentrate on the mission at hand. Reimagining sensor capabilities found in military technologies has enabled PRT to deliver a truly unique and highly capable UAS drone for mission-critical operations. This overall capability will greatly enhance the efficiency of law enforcement, intelligence agencies, military, and rescue services.

"The prototype of the PRT-X1 was recently used by law enforcement and security agencies in the United Kingdom (UK) for a presidential protection detail over a five-day period," stated Carl Cagliarini, Vice President Business Development. "The UAS successfully completed key assigned tasks over five days, including night operations in inclement weather conditions."

PRT-X1 features include:

- Made in Plymouth MA, USA commencing Q1 2020 - USA developed software
- Integrated sensor packages to support law enforcement, military, and rescue services
- Thermal detection combined with 4K HD real-time air-to-ground streaming
- Artificial intelligence (AI) powered autonomous capability in support of manned and remote unmanned 'swarm' UAS missions
- Adverse weather flight capable
- Auto-avoid for all airspace environments
- Genetec Mission Control® AI compliant

PRT is in consultation with several agencies in Washington D.C. to enable law enforcement and rescue service agencies to acquire the PRT-X1 via the GSA (General Services Administration) and other associated US Government approved operational lease and purchase programs.

The production PRT-X1 will be unveiled live from the East 2019 International Security Conference (ISC), at the Javits Center in New York City on November 20-21.

Following ISC East, the PRT-X1 UAS will be submitted to the U.S Army's Unique Mission Cell Program, TSOA, for war-fighter evaluations in 2020.

About Plymouth Rock Technologies Inc.

The Company is developing the next generation of threat detection solutions, with state-of-the-art technological advancements. Our advanced threat detection methods fuse artificial intelligence with augmented reality interfaces to eliminate human operating error. Plymouth Rock products, both airborne and land-based, will scan for threat items at greater "stand-off" distances than current existing technologies. Our unique radar imaging and signal processing technology creates new opportunities for remotely operated, non-intrusive screening of crowds in real time.

Plymouth Rock's core technologies include: (1) A Millimeter Remote Imaging from Airborne Drone ("**MIRIAD**"); (2) A compact microwave radar system for scanning shoes ("**Shoe-Scanner**"); and (3) Wi-Fi radar techniques for threat detection screening in Wi-Fi enabled zones in buildings and places, such as airports, shopping malls, schools and sports venues ("**Wi-Ti**").

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