29 June 2023 **ASX RELEASE**

DroneShield Releases DroneLocator

- **Release of major firmware update globally across DroneShield devices.**
- **Remote ID legislation requirements driving global requirement for drones to broadcast critical information.**
- **DroneShield systems now accommodate both Remote ID-compliant drones, and rogue drones for detection, tracking and ID.**

DroneShield Ltd (ASX:DRO) (**DroneShield** or the **Company**) is pleased to announce it has commenced the release of a major firmware update applied to its global fleet of counterdrone (C-UAS) devices.

The introduction of Remote ID legislation globally has seen drone manufacturers develop proprietary remote identification approaches. Remote ID is designed to broadcast critical information about the aircraft, location data, flight information and pilot details. This technology is becoming increasingly important in the management of the low altitude airspace.

DroneShield devices are now capable of detecting a variety of Remote ID signals via the Company's proprietary **DroneLocator** technology. These enhancements apply to its man-portable, vehicle/ship and fixed-site products. Most notably DroneLocator can display DJI Remote ID signals previously only available via the DJI AeroScope product.

DroneLocator can display critical information such as:

- Drone location (latitude, longitude & altitude)
- Pilot location (latitude & longitude)
- Drone home location (latitude & longitude)
- Drone serial number (unique identifier)

Image: RfPatrol body-worn drone detection device, with DroneLocator enabled for drone and pilot positioning in real time

In addition to DroneLocator, enrolled devices receive a quarterly update to the proprietary DroneShield RFAI Artificial Intelligence engine. While DroneLocator provides a solution for detecting and tracking compliant and legal aircraft, DroneShield RFAI technology continues to provide a solution for unlawful, unregistered, and hostile drones.

DroneShield RFAI and DroneLocator can be run simultaneously on a single DroneShield device, with DroneShield products running AI processing on edge. RFAI and DroneLocator can operate in a completely air-gapped (no internet connection) configuration.

DroneLocator technology greatly expands the use cases from DroneShield products including an expansion of C-UAS, Unmanned Aircraft System Traffic Management (UTM), Low Altitude Airspace Monitoring, Drone Security and Drone Fleet Management.

In addition, this major update includes:

- **Greater Performance in High Noise Environments:** Major improvements to the detection algorithms including an advanced convolutional neural network, enhances detection performance in complex, cluttered, high noise environments.
- **Maps Available on Embedded Devices:** DroneSentry-X devices can now load and display a map for added situational awareness.
- **Improve Graphic User Interface:** Device detection and logging information can now be expanded to provide end users with additional content.

Angus Bean, DroneShield Chief Technology Officer, commented, “The addition of DroneLocator to our detection technology suite is the continuation of our long-term strategy to offer major enhancements to the existing product range via our software subscription model. We are pleased the technology is available immediately for all our existing end user community. This technology has been heavily requested by the C-UAS and adjacent industries.”

Further Information

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About DroneShield Limited

DroneShield (ASX:DRO) provides Artificial Intelligence powered platforms for protection against advanced threats such as drones and autonomous systems. We offer customers custom counterdrone (or counter-UAS) solutions and off-the-shelf products, designed to deliver highly effective capabilities for multiple missions and use cases. Our customers include military, government, law enforcement, critical infrastructure, and airports globally.

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