Landmark 4Q25 AI Software Release

- Breakthrough drone disruption techniques, expanded AI detection, and new interoperability features highlight DroneShield's continued expansion as the end-to-end counter-drone solutions provider.
- Launch of an emitter-based disruption engine powered by RFAI-ATK, with the largest expansion of DroneShield's RFAI-2 detection and tracking database.
- DroneSentry-X Mk2 now delivers doubled processing power for faster performance, with SAPIENT protocol integration supported across all sensors.
- The release is a part of the strategy to substantially grow SaaS revenue over next 5 years.

DroneShield Limited (ASX:DRO) (DroneShield or the **Company)** is pleased to announce its most substantial sensor and effector software release to date in the history of the business. Critical developments of the software release include:

- New **Emitter-based (Protocol Aware) Disruption Engine** powered by DroneShield's **RFAI-ATK** technology.
- DroneShield's **RFAI-2** detection & tracking technology receives its **single largest expansion of the database of radio frequency emitters including drones.**
- **Hardware acceleration by doubling processing power** for the DroneSentry-X Mk2 platform enabling faster detection and tracking performance.
- Integration with **SAPIENT,** a leading CUAS **open integration protocol,** now supported across all DroneShield's sensors.

DroneShield's systems can now detect and respond to drones faster, more accurately, and across a wider range of threats, making them even more effective in protecting people and assets, and enabling broader deployment across allied defence networks through support for the widely adopted SAPIENT protocol.

These updates underscore the Company's rapid technology evolution and its leadership in AI-powered SaaS counter-drone solutions. Delivering smarter disruption, an expanded drone detection database, accelerated processing, and new interoperability features that elevate mission readiness for defence and security customers worldwide.

Central to this release is the introduction of **emitter-based disruption within the DroneSentry-X Mk2 platform**, enabling more precise targeting of hostile drones while minimising radio frequency (**RF**) collateral. The RFAI-ATK engine is protocol-aware, meaning it can tailor its disruption response based on the specific frequency usage and known vulnerabilities of the emitter.

This advancement not only strengthens performance in current fielded solutions but also establishes the foundation for future intelligent disruption capabilities utilising the RFAI-ATK engine. Subsequent quarterly software updates will continue to evolve this engine, delivered via the Company's SaaS packages, into multiple families of hardware.

DroneShield has also rolled out the **largest-ever expansion of its Radio Frequency Artificial Intelligence (RFAI-2) model and drone database**, built on half a decade of proprietary AI training data. This update improves recognition of the latest drone models and tactics, helping customers stay ahead of evolving threats.

Further enhancements include **hardware acceleration for DroneSentry-X Mk2**, which will offload processing to a dedicated high-performance chip, doubling the processing power of the DroneSentry-X Mk2. This means faster, near real-time detection and track management in dense

drone environments. The release further includes **persistent RF detection during active disruption**, allowing the DroneSentry-X Mk2 to sustain limited detection capability on non-disrupted bands—providing a critical fallback during jamming operations.

Finally, support for the SAPIENT protocol has been added to DroneSentry-X Mk2 and [RfPatrol Mk2](), ensuring seamless interoperability with NATO and allied defence networks. As the emerging standard for sensor-to-sensor and sensor-to-C2 communication, SAPIENT enables faster, more reliable data exchange across multi-vendor systems, strengthening joint force integration. This is complemented by a redesigned RFDM operator interface, providing quicker access to actionable intelligence.

"This release reflects DroneShield's ongoing growth as the world's most trusted end-to-end counter-drone provider," said **Oleg Vornik, Chief Executive Officer** of **DroneShield**. "In an era where drones are increasingly used to disrupt civil society and democracies, staying ahead of the threat is essential. Our vision is to see tens of thousands of devices deployed globally with end users receiving regular SaaS software updates that continuously strengthen their ability to detect, track, and neutralise emerging threats. RFAI-ATK joins our existing RFAI and C2 product families as another stream of intelligent updates, ensuring our customers are equipped with world-leading technology to stay ahead of today's urgent challenges and tomorrow's evolving threats."

"Five years ago, we recognised that counter-UAS is fundamentally a data-driven challenge," said **Angus Bean, Chief Product & Technology Officer** of **DroneShield**. "That is why we began building what we believe is now the world's largest proprietary drone signal database, which continues to grow every day. This foundation underpins our RFAI, RFAI-ATK, and SFAI product families, ensuring our customers benefit from continuous improvements delivered through regular software updates."
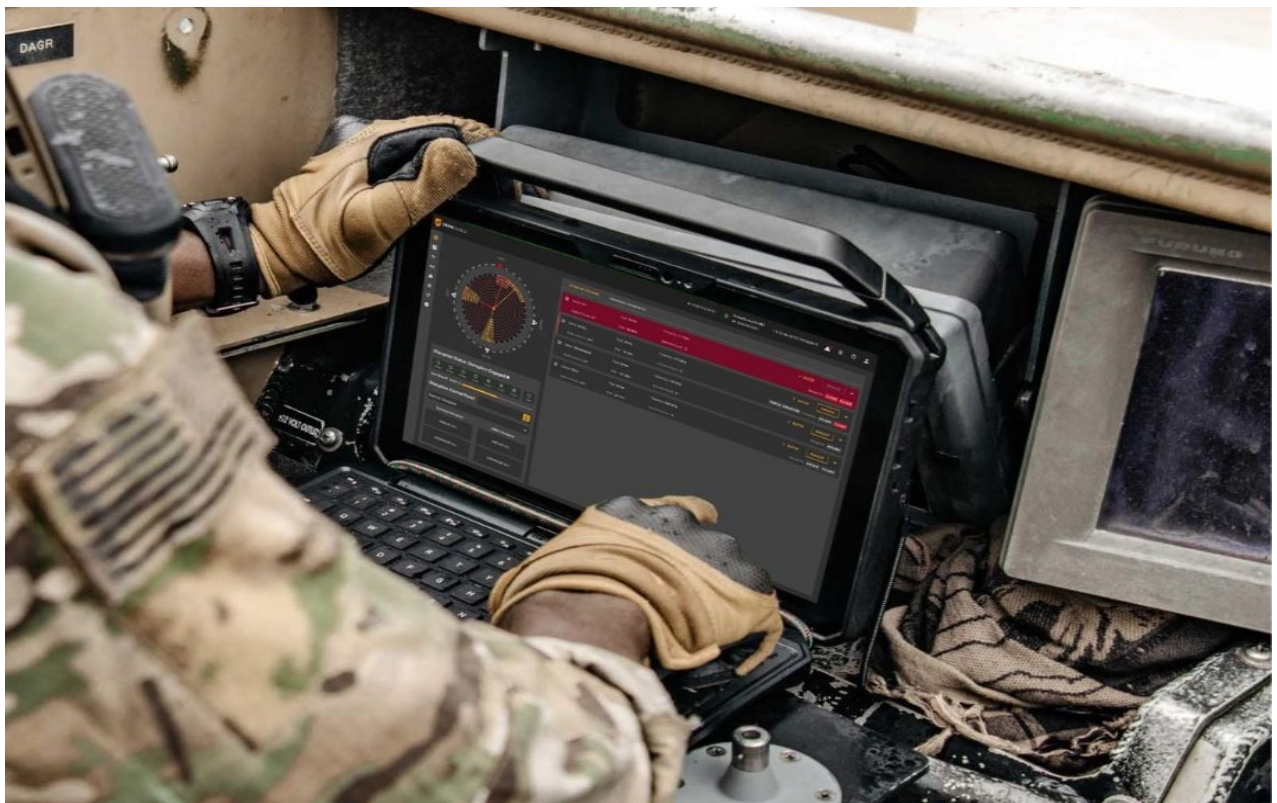

Image: DroneShield's *[DroneSentry-C2 Tactical]()*

While the dollar amount of expected sales associated with this software product cannot be quantified at this time, it is expected to be material over time as the demand for counter-drone solutions rises, and the Company will provide further guidance when available.

This announcement has been approved for release to the ASX by the Board.

For enquiries, please contact:

Oleg Vornik
CEO and Managing Director
E: oleg.vornik@droneshield.com
P: +61 2 9995 7280

About DroneShield Limited

DroneShield (ASX:DRO) provides Artificial Intelligence based platforms for protection against advanced threats such as drones and autonomous systems. We offer customers bespoke counterdrone (or counter-UAS) and electronic warfare solutions and off-the-shelf products designed to suit a variety of terrestrial, maritime or airborne platforms. Our customers include military, intelligence community, Government, law enforcement, critical infrastructure, and airports.

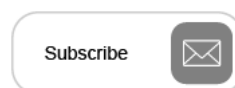To learn more about DroneShield click here: www.droneshield.com/about

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