

DroneShield and Epirus Complete Integration

DroneShield Ltd (ASX:DRO) (**DroneShield**) and Epirus, Inc (**Epirus**) have completed integration of DroneShield's multi-sensor [DroneSentry](#) system with Epirus' [Leonidas](#) high-power microwave (HPM) counter-electronics/counter-UAS effector.

The integration of these two systems allows for a fully integrated C-UAS system that can track multiple threats and then engage with high-powered microwave countermeasures that will provide critical defensive capabilities for our military, government and other customers.

DroneSentry incorporates radiofrequency, radar and electro-optic detection and tracking system as well as smart jamming UAS defeat module, powered by its cutting edge [DroneSentry-C2](#) command-and-control system.

Epirus' Leonidas is a counter-electronics system with the power and precision to neutralize a single threat in tight, crowded spaces or disable multiple threats across a wide area simultaneously. Epirus' revolutionary approach to directed energy allows for unmatched counter-electronics effects, dramatically reduces the size and weight of the system and enables greater operator control and safety. Mounted on a gimble to increase manoeuvrability, the system can be deployed as a fixed or mobile capability enabling wide-area rapid response.

Epirus was awarded a [US\\$66 million US Government contract](#) earlier this year for the stand-alone Leonidas systems.

In November 2022, Epirus made an investment of A\$3.7 million (corresponding to approximately US\$2.5 million) into DroneShield as it looks to expand its international partner ecosystem.



Image: DroneShield DroneSentry system

DroneShield CEO, Oleg Vornik, commented: “The combined system provides significantly expanded options for our US DoD, and in time, global customer base. Additionally, there are synergies on the business development front, which DroneShield and Epirus are already working on.”

Epirus CEO, Ken Bedingfield, added: “Epirus and DroneShield share common ethos of rapid pace, high tech innovation, to provide the warfighter with advanced technologies to protect against the rapidly rising threat of drones and other electronic threats. We are pleased to continue deepening the engagement over time.”



Image: Epirus Leonidas high-power microwave system

DroneShield has achieved a number of project wins in last 6 months, including two A\$11 million orders from Government agencies of two separate countries in December 2022 and January 2023, a \$2.2 million order in April, an initial UTM order in March as well as [releasing DroneGun Mk4](#) in April.

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

Further Information

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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 globally.

About Epirus Inc

Epirus is a high-growth U.S. technology company developing software-defined directed energy systems that enable unprecedented counter-electronics effects and power management solutions to optimize power efficiency in defense and commercial applications. This includes the Leonidas™ solid-state, software-defined high-power microwave (HPM) technology to enable unmatched counter-electronics effects for a range of use cases. Additional information about Epirus can be found at <https://www.epirusinc.com>. Epirus was founded in California in 2018 and has raised approximately US\$300 million (approximately A\$450 million) in funding since inception.

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