

Department 13 successfully completes demonstrations of Mesmer™ at *Black Dart* Exercise

Highlights:

- D13 successfully completes multiple demonstrations of Mesmer at rigorous US Government “Black Dart” Exercise
- D13’s Mesmer™ system exceeds demonstration objectives with Non-Kinetic Counter Drone Solution for U.S. Department of Defense (DoD) and International agencies
- D13 will release the first commercial version of Mesmer in January 2017

Perth, WA and Columbia, Maryland USA: Department 13, (ASX: D13)

Department 13 International Limited (D13) successfully demonstrated Mesmer, its counter-drone solution, surpassing all expectations at Black Dart, the United States Department of Defense (DoD) premier counter-drone testing and evaluation exercise. The event was held at Eglin Air Force Base from 11th September to 23rd September with over 1,200 participants and observers in attendance. During this time, Mesmer was evaluated against its competitors by stakeholders from a variety of US government agencies and international organizations; all charged with procuring Counter-Unmanned Aircraft Systems (UAS) solutions.

Over the course of the exercise, Mesmer deployed mitigations (interdictions that are done safely and under clear control) in excess of one kilometre and within FCC guidelines for RF transmission, while taking control of the drone set tested. Mesmer mitigated its targets well within the test objectives, a key operational requirement, and well under the acceptable threshold for defense organizations. In addition, D13 showcased Mesmer’s field flexibility by deploying “on-the-fly” detection capabilities against unknown drones, furthering operational readiness.

“Black Dart enabled D13 to introduce Mesmer to the world, and the system surpassed all expectations. We were able to highlight the end-to-end capabilities of Mesmer, from detection and identification to complete mitigation of the drones.” said Jonathan Hunter, CEO of Department 13. “This opportunity was the perfect venue to demonstrate Mesmer’s capabilities to a global audience that has an immediate need for our counter-drone solution. We will now focus on commercialization of Mesmer for its January 2017 general release,” said Mr Hunter.

Mr Hunter went on to say, “I’d like to thank our outstanding team of scientists and engineers for their exceptional work, making this Black Dart exercise such a successful and important milestone in the development of D13. This is an exciting time for our business, partners, employees and investors. It’s clear that we have a very capable solution to take to the market in the coming months.”

department 13

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About Department 13

Department 13 (D13) was founded in Virginia in 2010 by a team of former military operators, scientists and engineers who apply proprietary innovative advanced technology to emerging requirements.

D13 is developing cutting edge software and communication systems that have the potential to transform the networking and communication fields as well as current applications in drone defense, mobile phone IT security and secure enhanced android phone systems.

D13 is engaged with multiple counter UAS projects to provide strategic solutions for civil, military and commercial security requirements.

D13 has 11 patents and 14 patent applications in the development of wireless protocol manipulation and communication networking software with applications in:

- Drone defense;
- Local area and wide area cellular communications and networking;
- Enhanced data bandwidth for all digital communications;
- Cyber security for mobile devices;
- Sophisticated RF technology applications (Radiometrics).

For more information about D13, follow us on Twitter (@D13ASX), LinkedIn and YouTube.