

Department 13 Launches MESMER-EX Drone Forensic and Exploitation Service Enables Law Enforcement to Better Understand Adversaries Who Utilize Drones for Criminal Activity

Highlights:

- D13 launches new Drone Forensics and Exploitation Service to meet customer demand
- Enables customers to acquire holistic counter UAS Solutions through the Mesmer product portfolio
- Currently assisting various law enforcement organizations
- Expanded capability to law enforcement and public sector clients
- D13 now has 11 granted patents and 14 patent applications in its IP portfolio in advanced networking and communications.

Perth, WA and Columbia, Maryland USA: Department 13 (D13) (ASX:D13) is pleased to introduce MESMER-EX, a new Drone Intelligence and Forensic Service for law enforcement to examine drones suspected of illegal activity. Analyzing drones used in criminal activity is a critical first step in building a stronger counter drone posture for border patrol operations, prison security and other law enforcement activity. To that end, MESMER-EX provides the following drone data exploitation capability:

- Telemetry and Pattern of Life Analysis including speed, altitude, direction, range and more.
- Geo-Spatial Data (such as GOS data, launch point, stop, time and date, and the like.
- Power and Battery analysis.
- Sensor data analysis such as video feed or image capture from the drone or controllers.
- Payload modification analysis such as efforts to increase mission pay-load or modifications for specific cargo.
- Discovery of technical expertise and signatures of those modifying the drone.
- And more all while preserving legal chain of custody.

Speaking to law enforcement officials today in Washington, DC, Department 13 CEO Jonathan Hunter discussed the importance of a holistic approach to drone defense, "it's critical that we understand the complete lifecycle of how adversaries fulfill their illicit missions using drones. Until we understand all of the available data about drones used for these illicit purposes we will be at a distinct disadvantage to our criminal adversaries."

Department 13's flagship product **MESMER™** provides a complete C-UAS solution that includes integrated detection, alerting, and mitigation capability for perimeter security and force protection. Department 13 is engaged with multiple projects to provide strategic solutions for civil, military and commercial security requirements. Department 13 was selected in the final 8 from 42 companies to compete in the MITRE C-UAS Challenge at Marine Corps Base Quantico in August 2016 and Black Dart, the DoD's invitation only premier Counter UAS Test Range at Eglin Air Force Base, in Florida this September.

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ABOUT Department 13 International Ltd

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 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 applications in the RF environment (Radiometrics).

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