

## **D13 SELECTED AS A FINALIST TO THE EXCLUSIVE MITRE COUNTER DRONE CHALLENGE EVENT 8 FINALISTS FROM AROUND THE WORLD TO COMPETE IN AN SIMULATED URBAN ENVIRONMENT AT QUANTICO**

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### **Highlights:**

- D13 selected to participate in MITRE Countering Unmanned Aircraft Systems (C-UAS) Challenge
- Live Flight Testing in Simulated Urban Environment at US Marine Base, Quantico, Virginia
- D13 was selected as one of the eight finalists from a field of over 40 worldwide applicants
- D13 will show case its end to end solution: Safely Detect, Identify and Mitigate capability of its MESMER™ Counter Drone Solution
- MITRE Challenge adds to the US Department of Defense invitation for D13 to show case Mesmer at the exclusive 'Black Dart' Event in September, to whole of US Federal Government.

**Columbia, Maryland USA: Department 13 (D13) (ASX:D13)** is pleased to announce that it has been selected as a finalist to participate in the exclusive MITRE C-UAS challenge to be held at the Marine Corps Base, Quantico from August 12-19 2016. The MITRE Corporation is a not-for-profit organization that operates research and development centers sponsored by the US Federal Government.

The MITRE C-UAS Challenge attracted worldwide entries from a variety of innovators with counter drone technologies ranging from 'detect only' to 'detect, identify, and interdict' suspicious small drones (under 5 lbs.) that present a safety or security threat. MITRE received 42 submissions from around the world with the final 8 Finalists ranging across French, German, English and Danish companies to large US prime defense contractors such as Lockheed Martin (NYSE:LMT).

More than 35 domain and technical experts from MITRE and a number of U.S. Federal Government agencies reviewed submissions on technical approach to detecting and/or neutralizing unauthorized drones in an urban environment. Reviewers ranked entries based on the system's ability to detect, determine and interdict. This led to the selection of Department 13's Mesmer 'safe complete solution system' as one of the eight finalists.

The results of this challenge will help US Federal Government and International agencies better understand the range of possible solutions to the C-UAS problems of many different government organizations as highlighted in an article published by the Economist in the May 28 edition which also mentions D13's Mesmer system

Technical information will be shared about the trends and gaps observed for the benefit of MITRE's sponsors and many other stakeholders around the world to inform future policy, regulatory and requirement decisions.

<http://www.department13.com/department-13-is-selected-to-compete-in-the-mitre-challenge/>

Jonathan Hunter, Department 13 CEO commented: *"For D13, this challenge is an opportunity to showcase MESMER and how it provides a range of safe, rule based mitigation solutions to the C-UAS problems being raised by different commercial and government organizations around the world. D13 being selected as a finalist demonstrates that we are a leader in the C-UAS solution and MESMER provides a long-term solution for a fast evolving security requirement."*

In addition, Mr. Hunter stated, *"The MITRE Challenge is a great lead in for D13 ahead of the US DoD invitation only "Black Dart" C- UAS event, scheduled for September 2016. The challenge format will allow D13 to fine tune*

*its Mesmer Counter Drone Solution in a field environment and display the safe and complete solution capability offered via the RF mitigation technology that is unique to D13.”*

**For more information, contact**

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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).