

Australian Future Land Forces Conference  
Department 13 invited to present to Major Defence Leaders  
from Australia and New Zealand on 5<sup>th</sup> to 7<sup>th</sup> September

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**Highlights:**

- Presentation to Include Strategies to Defeat Weaponized and Modified Drones Used by Terrorists, Narcotics Traffickers and Those Seeking to Breach Prison Security to Deliver Contraband
- Robi Sen, Department 13 CTO to Discuss the Emerging Autonomous System Threat Landscape
- **Topics Include Emerging Threats and The Battle Field of Tomorrow**

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

Department 13 has been invited to present *MESMER COGNITIVE COUNTER-UAS -- Machine Learning Based Detection, Identification, Tracking, and Mitigation of Autonomous Systems* at the Australian Defense Forces Future Land Forces Conference taking place at the Adelaide Convention Center, Adelaide, Australia 5<sup>th</sup>-7<sup>th</sup> September 2016. While a wide range of topics will be discussed, front and center will be the exploration of emerging threats resulting from the exponential growth of autonomous systems (drones) utilized by threat actors for hostile action.

Robi Sen, CTO of Department 13 said, "This conference brings together a prestigious group of science and technology leaders focused on Electronic Warfare and Autonomy. As such we are very flattered and excited to present our work on Mesmer, Department 13's Counter UAS solution to such a prestigious group. Australia is a critical market for Department 13 and by speaking at this event we hope to expand awareness of the threat from autonomous systems, such as drones, and our unique approach to defeating these emerging issues. Having the opportunity to speak at the FLF Conference in September is also a great opportunity to make Australian and allied forces aware of Mesmer™ which becomes commercially available in December 2016. We feel that Mesmer's™ ability to detect, identify, track, and mitigate hostile drones is a critical capability need by future land forces. As such we plan to work closely through partners like EPE to meet the strong and growing demand from defense and national security organizations."

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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.

Department 13 is engaged with multiple counter UAS projects to provide strategic solutions for civil, military and commercial security requirements. Department 13 has recently competed in the MITRE CUAS Challenge with successful interdictions of drones at Marine Corps Base Quantico and is preparing for Blackdart -- the DoD's premier Counter Drone Test Range at Eglin AFB, Florida in September.

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).

For more information about department 13, follow us on Twitter (@D13ASX), LinkedIn, and YouTube.

## **About EPE**

EPE currently provides the largest range of Counter Improvised Explosive Device (CIED) technology into the ADF and Police bomb response with over 25 different systems in service. EPE is the largest provider of EOD and search force protection equipment, as well as CIED robotics to the ADF. EPE currently supplies 3 different fleets of fpecm to the CoA.

EPE provides a range of solutions that deliver comprehensive and sustainable capabilities against evolving threats such as Improvised Explosive Devices, Radio Controlled IEDs, CBRN, Counter Drone Solution and other hazardous threats in order to counter threats.