

MESMER™ Integration with Thales Bushmaster

Highlights:

- First mobile prototype version of MESMER™ integrated with globally recognized military vehicle, the Thales Bushmaster
- Thales Bushmaster and MESMER™ prototype integration currently being demonstrated at premier army equipment and technology exposition, Land Forces
- MOU with Thales Australia, EPE, and D13 to deliver a fully commercialized version of mobile MESMER™ mounted in the Bushmaster

SYDNEY, NSW and COLUMBIA, MD USA – Department 13 International Limited (ASX:D13) is pleased to advise that the first mobile prototype of MESMER™ was launched today at Land Forces, in conjunction with Thales Australia, and integrated into the Bushmaster vehicle.

D13 has been working with Thales Australia, a trusted partner of the Australian Defence Force to develop this capability. By integrating the prototype into the Bushmaster, MESMER™ can, for the first time, be operated from a mobile vehicle. This is in addition to its ability to act as a standalone fixed system.

MESMER™ software is operating on the Electronic Warfare Platform of a Bushmaster, utilizing a prototype hardware solution. This has eventuated in the first robust mobile MESMER™ unit, aimed at deployment by military forces.

D13, Thales Australia, and EPE (D13's Australian distributor) have entered a Memorandum of Understanding ("MOU") to enable the continued integration of the D13 MESMER™ counter-unmanned aerial system ("C-UAS") into the Thales Integral Computing System ("ICS") initially mounted in the Thales Bushmaster.

This will extend the work performed for the Land Forces Conference 2018, for which a limited version of this integration has been developed. Under this MOU, the parties will work towards the integration of a fully functioning version of MESMER™ operating through the Thales ICS.



Ctrl + Click to launch link

The integrated platform is being showcased in conjunction with Thales Australia and D13's Australian distribution partner, EPE, at the biennial Land Forces Event in Adelaide.

Land Forces is the premier Land Defence event in Australia and New Zealand, with several other defence events run concurrently at the Adelaide Convention Centre. This makes it a forum for Defence Officials internationally as well as Government representatives, including the Australian Chief of Army, Federal and State Defence Ministers, Emergency Services, Law Enforcement, and multiple other Government agencies.

Thales in Australia is a trusted partner of the Australian Defence Force; it is also present in commercial sectors ranging from air traffic management and ground transport systems to security systems and services. Employing around 3,600 people, Thales in Australia recorded revenues of more than A \$1.2 billion in 2017 and export revenue of over A\$1.6 billion in the past 10 years.

Thales Australia has a history of patient investment to build advanced in-country capability across manufacturing, critical systems, and services. Close collaborative relationships with local customers, Australian SME suppliers and research institutions combined with technology transfer from our global business enables Thales to tailor high quality solutions for Australian and export markets.

Department 13 CEO, Jonathan Hunter, commented, *"I am very pleased to be able to announce the integration of MESMER™ onto a mobile platform. This comes as the result of a collaborative effort, with D13, EPE, and Thales Australia and highlights the flexibility of the MESMER™ software and its ability to quickly integrate into existing software and hardware platforms. We continue to drive innovation within the MESMER™ product itself and will continue to work collaboratively with all stakeholders in the C-UAS market (both within Australia and abroad) to innovate and drive growth in capabilities and adoption of C-UAS technologies."*

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About Department 13

Based in Maryland, Department 13 (D13) was founded 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 a substantial intellectual property portfolio covering 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 and sophisticated RF technology applications (radiometrics). For more information about D13, please visit www.department13.com or follow us on Twitter (@D13ASX), LinkedIn and YouTube.