



28 January 2026

News Release

DSTA PARTNERS WITH EPIRUS TO ADVANCE COUNTER UNMANNED AERIAL SYSTEMS CAPABILITIES

Los Angeles, Calif and Singapore, 28 January 2026 – Singapore’s Defence Science and Technology Agency (DSTA) and U.S.-based defence technology company, Epirus have signed a Memorandum of Understanding (MOU) to explore high-power microwave (HPM) defence technology against unmanned aerial systems (UAS). HPM generates electromagnetic interference to disrupt and disable electronics. Amid the growing prevalence of “dark drones” such as fibre-optic or AI-controlled drones, HPM can neutralise these and other advanced UAS threats simultaneously.

The partnership expects to see both organisations engage in technical knowledge exchange, as well as joint testing and evaluation of the HPM system performance and effectiveness against various types of UAS threats under different deployment scenarios. This includes trials of HPM solutions against single and swarm threats in different environments to strengthen Singapore’s capabilities in counter-electronics and critical asset protection.

DSTA’s Chief Executive Mr Ng Chad-Son said, “As asymmetric threats continue to grow in scale and sophistication, DSTA is committed to exploring novel solutions and ensure that we are prepared for the threats of tomorrow. We look forward to working with innovative partners like Epirus, tapping on their expertise to provide a decisive advantage for the Singapore Armed Forces.”

Epirus CEO Mr Andy Lowery said, “Asymmetric threats are transforming warfare across the globe. The threat posed by these mass produceable unmanned systems demands a highly coordinated global response underpinned by advanced one-to-many

defence solutions. This partnership with Singapore marks a significant milestone in Epirus' international expansion into the Indo-Pacific region.”

- END -

About Defence Science and Technology Agency

The Defence Science and Technology Agency (DSTA) is a leading technology organisation that drives innovation and delivers state-of-the-art capabilities to make the Singapore Armed Forces a formidable fighting force. Harnessing and exploiting science and technology, our engineers and IT professionals leverage multidisciplinary expertise to equip our soldiers with advanced systems to defend Singapore. DSTA also contributes its technological expertise to support national-level developments. To achieve our mission, DSTA excels in systems engineering, digitalised platforms, cyber, software development and more.

Visit www.dsta.gov.sg for more information.

About Epirus

Epirus is a high-growth technology company dedicated to overcoming the asymmetric challenges inherent to the future of national security. Epirus' flagship technology platform, Leonidas™, is a software-defined, high-energy, high-power microwave platform, built using intelligent power management techniques which allow power-hungry systems to do more with less. For more information on Epirus' solutions or to request an interview with subject matter experts, please contact media@epirusinc.com.