

19 June 2025

News Release

DSTA AND ICARUS SWARMS COLLABORATE TO ADVANCE AUTONOMOUS CONTROL OF MULTIPLE UNMANNED SYSTEMS

Singapore's Defence Science and Technology Agency (DSTA) and France's Icarus Swarms have signed a Collaboration Agreement to co-develop capabilities in autonomous control of multiple Unmanned Systems (UxV). Through this partnership, DSTA aims to harness Icarus Swarms' expertise in autonomous swarming to enhance the Singapore Armed Forces' (SAF) unmanned capabilities.

Announced during the Paris Air Show, the collaboration will focus on the development of smart algorithms for autonomous control of multiple UxVs, and integration of these algorithms onto different UxVs. Both parties will jointly explore solutions to enhance communications resiliency. They will also co-develop and test how UxVs can autonomously detect and respond to objects of interest, enabling warfighters to make informed decisions swiftly.

DSTA's Director Land Systems, Mr Alex Lee said, "As the security landscape continues to evolve, the ability to harness autonomous technologies is cardinal. This partnership will allow DSTA to develop innovative solutions that will help the SAF achieve mission success."

Icarus Swarms' Chief Research Officer Serge Chaumette said, "We believe that tomorrow's defence capabilities will be shaped by autonomous, adaptable, and mission-specific systems. That's why we are committed to developing drone swarms that are not only intelligent, but also modular, capable of carrying the right sensors and payloads for each unique operation. We look forward to this partnership with DSTA."

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About Defence Science and Technology Agency

The Defence Science and Technology Agency (DSTA) is a top-notch 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 Icarus Swarms

Icarus Swarms is a French defense technology company pioneering the development of autonomous drone swarms for tactical operations. By combining real-time coordination, artificial intelligence, and modular architecture, we deliver smart, mission-adaptable UAV systems designed to meet the highest operational demands in complex and challenging environments (radio/gps transmission).

Leveraging deep expertise in robotics, embedded software, and swarm intelligence, our engineers design interoperable solutions that can integrate with existing defense ecosystems while enhancing strategic autonomy.

With a strong R&D backbone and a commitment to operational impact, Icarus Swarms empowers armed forces with scalable, collaborative aerial capabilities for ISR, support, and future autonomous missions. We are also actively engaged in international partnerships to extend the reach and relevance of defense innovation.

Visit <https://www.icarusswarms.ai/> for more information.