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News Release

DSTA PARTNERS SEADRONIX TO ADVANCE INNOVATION IN UNMANNED SURFACE VESSELS

Singapore's Defence Science and Technology Agency (DSTA) and the Republic of Korea's Seadronix Corp (Seadronix) have signed a Memorandum of Understanding (MOU) to jointly advance the capabilities of Unmanned Surface Vessels (USVs).

The partnership offers Seadronix the opportunity to advance its AI-powered maritime perception and autonomous navigation to augment USV capabilities and enable safer, smarter operations in complex maritime environments. The MOU will also support work exchanges between DSTA and Seadronix engineers to facilitate the deepening of technical expertise and exchange of knowledge in USV development. The collaboration was announced on the sidelines of IMDEX Asia 2025.

Chief Executive of DSTA, Mr Ng Chad-Son, said, "This collaboration with Seadronix is a prime example of how we are partnering with innovative companies across the world to accelerate our development of next-generation capabilities in AI and autonomy for the Republic of Singapore Navy in the ever-evolving landscape. It's not just about enhancing capabilities; we are reimagining what's possible and staying ahead of the curve."

CEO of Seadronix, Dr Byeolteo Park, said: "We've pioneered a path in maritime AI that no one had taken before, developing and deploying autonomous navigation and perception technologies that are now actively used in maritime operations. It is a great honour to collaborate with DSTA in shaping the future of unmanned surface vessels. Together, we aim to enhance the operational readiness of next-generation maritime

systems, contributing to the security and defence of Singapore and the broader global economy through trusted, AI-driven technologies."

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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 Seadronix Corp

Seadronix Corp is a deep-tech company pioneering AI-powered navigation and perception systems for maritime autonomy. Specializing in sensor fusion, real-time situational awareness, and autonomous vessel operation, Seadronix develops and deploys cutting-edge technologies that are actively enhancing safety and operational efficiency in maritime environments. With core expertise in artificial intelligence and robotics, Seadronix continues to lead innovation in smart maritime solutions for commercial shipping, ports, and defence applications.

Visit www.seadronix.com for more information.