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News Release

Schneider Electric, DSTA to collaborate on green technologies and cybersecurity

Schneider Electric Singapore and Defence Science and Technology Agency (DSTA) will be collaborating on the advancement of several green technologies through a Memorandum of Understanding (MOU). This includes exploring the deployment of a smart grid system which utilises a combination of energy resources, such as renewables to maintain power resiliency, as well as digital twins of the building systems that monitor, analyse and improve building energy performance to elevate operational situational awareness and sustainability. Additionally, the partnership will focus on strengthening cybersecurity for Operational Technology systems, which are used to control and monitor physical processes for facilities.

Under the MOU, both parties will also jointly exchange best practices in sustainability and cybersecurity as part of their shared commitment to resilient and future-ready operations.

“The collaboration aligns with DSTA’s commitment to sustainability. By working together with Schneider Electric to develop green technology, we are building smarter, more resilient infrastructure while sharpening our engineering expertise through knowledge sharing, joint solutioning, and exposure to emerging technologies. These efforts strengthen our ability to engineer sustainable solutions and address future challenges,” said DSTA’s Director Building and Infrastructure Mr Tan Tze Leng.

Mr Yoon Young Kim, Cluster President, Singapore and Brunei, Schneider Electric, said: “We have extensive data to show that digital technologies such as smart

microgrids and building digital twins can reduce energy consumption, cut emissions and lower costs. This collaboration is an encouraging demonstration of Singapore's commitment to its net zero goal and will enhance the country's reputation for embracing technological progress that improves the lives of its citizens."

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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 Schneider Electric

Schneider's purpose is to empower all to make the most of our energy and resources, bridging progress and sustainability for all. We call this Life Is On.

Our mission is to be your digital partner for Sustainability and Efficiency.

We drive digital transformation by integrating world-leading process and energy technologies, end-point to cloud connecting products, controls, software and services, across the entire lifecycle, enabling integrated company management, for homes, buildings, data centers, infrastructure and industries.

We are the most local of global companies. We are advocates of open standards and partnership ecosystems that are passionate about our shared Meaningful Purpose, Inclusive and Empowered values.

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