MEDIA FACTSHEET

Industry-led partnership between Singapore Industrial Automation Association and OPC Hub ASEAN to boost SMEs' capabilities in Industry 4.0

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1. The Singapore Industrial Automation Association (SIAA) signed an MOU with OPC Hub ASEAN, witnessed by Enterprise Singapore and the Singapore Standards Council, to expand the Industry 4.0 connectivity capabilities of SIAA members based on the Singapore Standard (SS) IEC 62541. SS IEC 626541 is the nationally adopted standard of the widely accepted IEC 62541 series of international communication standards, commonly known as the Open Platform Communications Unified Architecture (OPC UA). Under the MOU, OPC Hub ASEAN will provide SIAA member companies with technical advisory services using SS IEC 62541, as well as training to build system integrators' capabilities in industrial control systems.

2. Enterprise Singapore and the Singapore Standards Council facilitated this partnership to drive the growth of industry-led initiatives in leading standards promotion efforts. Enterprise Singapore will support this initiative by providing SIAA members with affordable access to a library of Industry 4.0 standards that can be referenced and utilised in their solutions. Through this initiative, local SMEs deploying Industry 4.0 solutions can expect lower integration costs in the future and fewer challenges when deploying more advanced automation systems in their processes. In addition, this helps Singapore's automation, robotics and system integration companies develop interoperable, secure, and scalable products that meet local and international requirements.

3. **Mr Terence Teo, President, SIAA**, said, "Manufacturers demand new Industry 4.0 solutions that are cost effective, safe from cyber-attacks and compatible with existing systems. Standards contain industry best practices that help businesses build up their

capabilities to develop innovative products and services. This will in turn earn the trust and confidence of their customers that they are providing solutions that meet their requirements for today and tomorrow. In addition, using standards will help improve the branding of their products and services so that they can capture new opportunities in overseas markets."

4. **Mr David Chia, Head, OPC Hub ASEAN**, said, "A key obstacle in realising the full benefit of Industry 4.0 technologies is the challenge of integrating equipment such as machines, robots and control systems from different vendors. SS IEC 62541 or OPC UA helps to bridge the gap for secure, reliable and interoperable industrial communication protocols. Using common standards will reduce integration costs for both system integrators and businesses, and ensure the Industry 4.0 solutions are future-ready and scalable. This also enables companies to focus more on their core business of developing innovative products and solutions to serve their clients."

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