

SIAA QUARTERLY NEWSLETTER

JAN
2020
EDITION



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MEET OUR NEW CORPORATE MEMBERS

Welcome to the SIAA community !



[HOST Pte Ltd](#)



[Oriental Motor Asia Pacific Pte Ltd](#)



[SEW-Eurodrive Pte Ltd](#)



[Soda Vision Pte Ltd](#)



[Stratus Technologies \(S\) Pte Ltd](#)

SIAA WISHES ALL A



What's happening?

TOP 5 EDB INSIGHTS ARTICLES OF 2019

We are 2 weeks into 2020, but it's never too late to look back at the learnings in 2019. Here are last year's most read EDB insights on what's changing and shaping the Asian business landscape, with analysis and views from global thought-leaders and the region's brightest success stories.

#1

[Why the world's software engineers are moving to Singapore](#)

#2

[Factory forward: Advanced manufacturing takes root in Singapore](#)

#3

[The Biggest E-commerce Websites and Apps in Southeast Asia](#)

#4

[Strong FDI flows to Singapore and rest of S-E Asia despite US tax reforms](#)

#5

[The changing face of the logistics industry](#)

UPGRADED AGREEMENT BETWEEN NEW ZEALAND AND SINGAPORE ON A CLOSER ECONOMIC PARTNERSHIP

The upgraded Agreement between New Zealand and Singapore on a Closer Economic Partnership (ANZSCEP) will enter into force on 1 January 2020. It has improved trade rules and provisions that are in line with newer Free Trade Agreements (FTAs) which Singapore and New Zealand are parties to. It incorporates some of the most flexible and trade facilitative rules of origin among Singapore's FTAs and the shortest release times for goods and expedited shipments. Also, the agreement addresses modern trade issues and includes two new chapters on E-Commerce and Regulatory Cooperation.

AGREEMENT BETWEEN NEW ZEALAND AND SINGAPORE ON A CLOSER ECONOMIC PARTNERSHIP (ANZSCEP) UPGRADE

2001
1 JAN
Entry-into-force of ANZSCEP. It was Singapore's 1st bilateral FTA and New Zealand's 2nd FTA.

2020
1 JAN
Entry-into-force of Upgraded ANZSCEP.

Goods trade between Singapore and New Zealand have enjoyed tariff-free access since the ANZSCEP entered into force.

KEY BENEFITS

Flexible Rules of Origin

Companies can qualify more easily for duty-free treatment in sectors such as:

Electronics

Chemicals

Pharmaceuticals

Processed food

These are some of the most flexible and trade facilitative rules of origin among Singapore's FTAs.

Enhanced Customs Procedures and Trade Facilitation

Businesses will benefit from streamlined administrative procedures which will lower transaction time and costs.

24h
Goods that reach our respective borders will be released **within 24 hours** of arrival.

4h
Express consignments will be released **within 4 hours** of submission of customs documentation to respective customs authorities.

These are the shortest release times for goods and expedited shipments among Singapore's existing FTAs.

Sanitary and Phytosanitary Measures

Food imports are held to stringent and robust food safety requirements, while trade barriers that could impede our food exports are reduced.

Singapore and New Zealand have also concluded three Implementing Arrangements (IAs) under the SPS Chapter. With the IAs, our food exporters will benefit from **improved market access** and **expedited clearance** of their exports. The IAs will also **enhance transparency of regulations**, allowing Singapore exporters to better comply with New Zealand's requirements.

Reduction of Technical Barriers to Trade

A new framework for **Mutual Recognition Agreements (MRAs)** will provide the basis for negotiating MRAs on a variety of sectors.

Singapore and New Zealand have agreed to a **MRA on Good Manufacturing Practice** of medicinal products. This will allow manufacturers of medical products to be **exempted from duplicative testing** and certification procedures, thus saving time and resources.

NEW CHAPTERS

Regulatory Cooperation

The chapter establishes a mechanism which **will enable companies to raise and resolve trade-related issues more quickly**. Regulators also agreed to closer cooperation and to promote good regulatory practices.

E-Commerce

Companies will be able to **access data freely** and **will not be required to locate computing facilities in a market as a pre-requisite to doing business there**.

Consumer data will also be protected through commitments to ensure **personal information protection**, development of mechanisms to facilitate trusted data flows and online consumer protection.

Forward-looking provisions on cooperation in **Logistics** and **E-Invoicing**.

WHAT IS OPC UA?

OPC Unified Architecture

Interoperability for Industrie 4.0 and the Internet of Things

Version 10 // November 2019



The OPC Unified Architecture (UA), released in 2008, is a platform independent service-oriented architecture that integrates all the functionality of the individual OPC Classic specifications into one extensible framework. This multi-layered approach accomplishes the original design specification goals of:

- Functional equivalence: all COM OPC Classic specifications are mapped to UA
- Platform independence: from an embedded micro-controller to cloud-based infrastructure
- Secure: encryption, authentication, and auditing
- Extensible: ability to add new features without affecting existing application
- Comprehensive information modelling : for defining complex information

Watch this on YouTube

<https://www.youtube.com/watch?v=-tDGzwsBokY>

Beckhoff Singapore is officially appointed by OPC Foundation as OPC Hub ASEAN to serve as the primary point of contact in the region. Beckhoff will also be the facilitator between collaborative institutions, Ngee Ann Polytechnic and Singapore Polytechnic to form a local community for OPC Foundation in Singapore. "OPC Hub ASEAN" appointment MoU has been signed between Beckhoff and OPC Foundation in tandem with "Tri-party Collaboration for OPC UA Promotion in Singapore". SIAA is heartening to know members are collaborating for win-win outcome and each is contributing where their strength lies!

SIAA JOINS ROS-INDUSTRIAL CONSORTIUM ASIA PACIFIC

A Memorandum of Understanding (MOU) was signed between National Robotics R&D Programme Office (NR2PO), ROS-Industrial Consortium Asia Pacific (ROS-I) and SIAA; this was witnessed by Dr Koh Poh Koon, Senior Minister of State, Ministry of Trade & Industry who is also the Patron of SIAA. This MOU binds the organizations in a strategic alliance to offer co-operation to advance the push on awareness of ROS and its adoption in the industry. SIAA is now a member of ROS-I and we will be sharing more in this year on ROS as well as the libraries of packages which would be useful to our members to drive awareness and adoption of ROS for automation & robotics solutions. Stay tune!



STANDARDS ROADMAP FOR INDUSTRIAL AND SERVICE ROBOTS

SIAA, Singapore Standards Council, Enterprise Singapore and Singapore Manufacturing Federation – Standards Development Organisation showcased 2 Standards Roadmap for Service Robots & Industrial Robots. An easy to understand roadmap developed for key standards required for the successful deployment of industrial and service robots. These standards address the critical issues of safety, cybersecurity, interoperability and performance of robotics solutions.

For more information of the standards for I4.0 as well as details of these roadmaps, please visit <http://www.standardsi40.sg/industry-solution/automation-and-robotics>



THE MARKET IN SINGAPORE FOR SERVICE ROBOTIC

Within just a few short years, robots are expected to begin appearing in many areas of everyday life in Singapore, whether patrolling our shopping malls or MRT stations, delivering parcels to our front door, or sweeping up in our workplaces. Singapore, along with South Korea, is already a world leader in industrial robot density; it will not be too long before we also start seeing personal robots in our homes, offices and leisure spaces as well.

Indeed, the Singapore government has earmarked robotics as an area for attention with the government continuing to support the development and deployment of robotics solutions across different industries to enhance productivity and for businesses to remain competitive.

Read full article here:
<https://mirobotic.sg/op-ed/>

Credit: Article contributed by MI Robotic Pte Ltd





22 - 25 Apr 2020

MALAYSIA

METAL TECHNOLOGY EXPO 2020



10 - 12 Jun 2020

VIETNAM

VIETNAM INDUSTRIAL AND
MANUFACTURING FAIR 2020



16 - 18 Jun 2020

Philippines

PHILMARINE 2020



8 - 10 Jul 2020

CAMBODIA

OIL, GAS & POWER CAMBODIA 2020



28 - 30 Jul 2020

MALAYSIA

PENANG MANUFACTURING EXPO 2020



15 - 17 Oct 2020

BANGLADESH

BANGLADESH INTERNATIONAL MARINE
& OFFSHORE EXPO 2020



23 - 25 Sep 2020

VIETNAM

VIETNAM INDUSTRIAL AUTOMATION
FIESTA 2020



SINGAPORE PAVILION 2020/2021

<https://siaa.org/events/singapore-pavilion>

SIAA has applied for the LEAD IFM grant scheme from Enterprise Singapore to support trade exhibitions in FY2020, grant results is expected to be released in Feb 2020. LEAD International Fairs & Missions (LEAD IFM) replaces International Marketing Activities Programme (iMAP) from 1 October 2019 onwards **with funding up to 70% of participation costs for eligible companies.**

Join our Singapore Pavilions if you are looking for new markets or to update your overseas customers with your latest products and services.

Get in touch with us at secretariat@siaa.org for more information!

SEW EURODRIVE OPEN HOUSE

20 FEB 2020

SEW EURODRIVE
SINGAPORE OPEN HOUSE



Since 1981, SEW-EURODRIVE has been the leading specialist in drive technology in Singapore! Their products set the world in motion – offering solutions that are tailored specifically to industry's requirements and expectations with over eight decades of global SEW-EURODRIVE Expertise. To find out more about the innovative drive solutions from a range of comprehensive modular concept of motors, drives and controls, SIAA encourages our members to visit SEW-EURODRIVE Open House on 20 February 2020, 8.45am – 5.00pm to mingle with their domain experts and other industry players.

[Register now](#) before the limited slots are snapped up!

FUNCTIONAL SAFETY TRAINING COURSE

4 – 7 FEB 2020

TÜV SÜD PSB
Functional Safety IEC 61508 Training



Based on their diverse practical experience in the field of Functional Safety and active membership of the relevant standard bodies, TÜV SÜD PSB supplies expertise in the cross-industry generic standard IEC 61508 2nd Edition. The training program is based on the first three parts of IEC 61508. Case studies and practical examples are used to demonstrate the procedures for dealing with individual topics and explain the work results and documents which must be delivered. Key processes from the safety life cycle are introduced, and the tasks and responsibilities associated with them are explained.

There's a 10% discount for members of the SIAA!

Click [here](#) for more information:

GET TO KNOW SOME OF OUR MEMBERS A LITTLE BIT MORE



HoST Pte Ltd is a market leader and reliable distributor in industrial automation hardware & software solutions. With three decades of experience, we are recognised as a leading company in Asia's Industrial Automation industry, offering quality services.

Holistic from start to end, we provide:

- Value-added technical consultancy
- Support Services
- Post-sales follow-up services for all aspects

We evaluate our clients' plant process and implement measures to reduce consumption and risks and increase productivity.

<http://host.sg/>



LionsBot International develops cleaning robots for commercial, industrial and public spaces. Proudly developed and manufactured in Singapore, every robot is fitted with a grain of sand from the city's shores. We build robots that look lovable, have friendly personalities and clean effectively.

A team of robots can be easily operated with the LionsClean mobile application. The robots are experts in their respective fields of cleaning. Yet, they are developed to fulfill the mission of supporting the human cleaning workforce with efficient technologies. We develop a wide range of specialised cleaning robots to cater for the various cleaning needs; these models include different capacity sizes, different cleaning mechanism and variants for indoor and outdoor.

Companies interested in LionsBot robots can reach the company at hello@lionsbot.com to schedule a consultation.

<https://www.lionsbot.com>



Oriental Motor began with handmade motors in 1885 and we aim to carry on working on all kinds of "Motion" in the world, such as AC Motors, Speed Control, Position Control, Mechanical Motion, and Thermal Management requirements. Oriental Motor globally has been providing the optimal motion systems as part of our total service, to meet the widest market demands. We are following through on our basic stance of "being able to not just deliver a hundred units to one company but deliver one unit to a hundred customers" by standardizing products.

This philosophy allows us to deliver what is needed, when it is needed, in just the quantity that is needed. This approach has also taught us what kinds of motion are required in every era such as high-efficiency motors to meet the demands for more energy saving, lower heat generation and more precise motion required in today's environment.

<https://www.orientalmotor.com.sg>



SODA VISION is a young and energetic technology company focus strongly in the field of machine vision and imaging technologies. At SODA VISION, we help our clients succeed in their vision applications through high quality vision components, technical advice, and professional engineering services at affordable price.

Our capability to solve complex and challenging vision applications derives from the benefits of our long term strategy - #VISIONLAB and CVP program. #VISIONLAB is our in-house testing lab housing the latest components and modules from vision technology leaders around the world, whilst CVP (Certified Vision Professional) program is the global standard for vision education program certified by AIA associations from USA.

<https://www.sodavision.com>

