

Business Group Delegation: Aerospace Industry

Industrial Transformation ASIA-PACIFIC 2018 – a Hannover Messe event
Asia-Pacific's Leading Trade Event for Industry 4.0

Dates: 16 – 18 October 2018

Time: 10am – 6pm daily

Venue: Singapore EXPO Hall 1 & 2

About the Event

Asia-Pacific's premiere trade event platform on Industry 4.0, [Industrial Transformation ASIA-PACIFIC](#) – a Hannover Messe event, is a high-level strategic platform shaped by industry leaders and experts to support the digitalisation journey of manufacturers and enterprises in the region. They include key industry sectors including aerospace, automotive, chemical & biomedical sciences, electrical/electronics and semiconductor, 3D printing, energy, food and beverage, infrastructure & facilities, logistics & supply chain management, oil & gas, pharmaceutical & biotechnology, urban solutions amongst others.

















Organised by **SingEx Exhibitions** and international partner **Deutsche Messe**, world renowned for the famous Hannover Messe, Industrial Transformation ASIA-PACIFIC will take place in Singapore from 16 to 18 October 2018. This event is specially curated to serve Asia-Pacific in the adoption of Industry 4.0 processes, technologies and solutions to help manufacturing, industries and businesses start, scale and sustain individual transformative efforts. It will bring together the ecosystem of players and stakeholders across the value chain to learn, share, collaborate, network and do business with each other through its unique **Learning Journey** approach.



Onsite Activities

- Learning Journey via Industry 4.0 Gallery
- Learning Labs
- Sandboxes
- Fairground Tour – Exhibition

Programmes

- 1/2 day activity on 17 October
- Tour routes are specially curated

½ Day Tour			
Type	Time	Description	Details/Locations
Arrival	1315-1330	Registration & Orientation	Welcome by the event ambassador at Hall 1, MAX Atria Gallery Area
Booth Visit	1330-1400	Gateway to i4.0 Gallery 	Curated gallery offering immersive experiences for attendees to better understand the value and benefits of Industry 4.0, powered by TÜV SÜD. Location: Hall 1
Booth Visit	1400-1430	Singapore WOG Booth	Participating agencies include Agency for Science, Technology & Research, Economic Development Board, Enterprise Singapore, Jurong Town Corporation and SkillsFuture Singapore. Location: Hall 1, M01
Booth Visit	1430-1445	Fairground Tour 1 	In the segment of Research and Quality Technology, ZEISS ensures standards of quality wherever maximum precision is a must: with coordinate measuring machines, metrology software and microscope systems for science, research and material inspection. ZEISS plays its part in ensuring that even the tiniest structures and processes become visible. Location: Hall 1, G06
Booth Visit	1445-1500	Fairground Tour 2 	Bosch is a complete solution provider for end-to-end product development for the aerospace industry. Our strategic focus on R&D in this space has helped clients bring innovative products and solutions quickly to the market. Location: Hall 1, D24
Learning Lab	1500-1530	Smart Warehouse Showcase	An engaging demonstration area curated to showcase the applications of innovative ready-to-market products and solutions. Key Demonstrations include: <div style="display: flex; justify-content: space-around; align-items: flex-start;"> <div style="text-align: center;">   1. Automated Guided Vehicle </div> <div style="text-align: center;">   2. Automated Packaging Machine </div> <div style="text-align: center;">   3. Automated Storage System </div> <div style="text-align: center;">   4. Autonomous Stacker </div> </div> <div style="display: flex; justify-content: space-around; align-items: flex-start; margin-top: 10px;"> <div style="text-align: center;">   5. Intelligent Mobile Robots </div> <div style="text-align: center;">   6. PBA – The Hanwha Cobot </div> </div> <p>The Hanwha Cobot performs pick and place activities with the help of a teaching pendant. Users with minimal programming skills can manipulate the system. These end-to-end custom solutions can bring about increased productivity and efficiency.</p>
Booth Visit	1530-1545	Fairground Tour 3 	Industry Software from Siemens helps manufacturers become Digital Enterprises by enabling them to digitalize and integrate their entire industrial value chain through PLM solutions, Manufacturing Operations Management (MOM) solutions, and TIA equipment – all supported by Teamcenter, the industry-leading Siemens Collaboration Platform and single data backbone. The integration of PLM, MOM and

			Automation is made possible with the comprehensive suite of Siemens Industry Software. Location: Hall 2, Q18
Booth Visit	1545-1600	Fairground Tour 4 	ST Engineering is a global technology, defence and engineering group specialising in the aerospace, electronics, land systems and marine sectors for defence, government and commercial customers. The Land Systems sector offers advanced, customised land systems and security solutions to meet the stringent operational requirements of its customers. We offer smart mobility and robotics solutions for various applications across industries including manufacturing, logistics, hospitality, airport, defence and security. We also design and develop training solutions using AR/MR, as well as deliver end-to-end engineering design and advanced manufacturing services including additive manufacturing. Location: Hall 2, S18
Booth Visit	1600-1615	Fairground Tour 5 	ASTech Pte Ltd is an Automation System Provider, Turnkey Design House & i4.0 Integrator to transform manufacturers' conventional factory to Smart Factory of Future in Precision Engineering Industry by streamlining their manufacturing processes, improve productivity and reduce their operations cost. ASTech specialize in CNC Machines and Die Mould Automation. ASTech collaborates with machine tools manufacturers - Mazak & Makino; robot makers - ABB, Universal Robot, Yaskawa; MES partner - MPDV, gateway & cloud platform partner – Skylab; clamping system partner – SCHUNK; metrology partner - BLUM to deploy robotic solutions for machine tending and secondary processes such as quality inspection, measurement, verification, deburring, polishing, cleaning, other related processes with IoT solutions and Manufacturing Execution System (MES). Location: Hall 2, P10 & Q10
Network Session	1615-1700	Beer Fest	Meet up with key industry leaders and decision makers from the industry for a networking session. <i>(to be confirmed)</i> Location: Hall 2

Selection of top 60 solution providers for fairground tour

Categories				
Recommended Solution Providers				
Brand Representation	France, Germany, Japan, Korea, Holland, India, Malaysia, Singapore, Sweden, Taiwan & USA	Austria, Germany, India, Japan, Singapore, Taiwan & USA	Germany, Japan, Singapore & USA	France, Germany, Italy, Japan, Malaysia & Singapore
Target Sectors	Aerospace, Automotive, Chemical, Electrical & Electronics, Energy, Food & Beverage, Infrastructure & Facilities, Logistics & SCM, Oil & Gas, Pharmaceutical & Biotechnology, Semiconductor and Urban Solutions	Aerospace, Automotive, Chemical, Energy, Food & Beverage, Infrastructure & Facilities, Oil & Gas, Pharmaceutical & Biotechnology and Urban Solutions	Aerospace, Automotive, Electrical & Electronics, Infrastructure & Facilities, Oil & Gas and Pharmaceutical & Biotechnology.	Aerospace, Automotive, Electrical & Electronics, Food & Beverage, Logistics & SCM, Pharmaceutical & Biotechnology and Semiconductor.
Booth Locations	Azbil R02, Beckhoff R14, Epson R10, Festo S02, Hiwin P14, Honeywell T02, ifm H26, Kawasaki U10, Mitsubishi S14, Optical Gaging V22, Pepperl+Fuchs N14, Rockwell Automation R06, Siemens Q18, ST Engineering S18, Yokogawa Q14	Advantech H20, Autodesk E26, Accenture E10, Bosch D24, Camline C17, Emerson H14, Epicor F10, Fraunhofer E24, Hitachi E20, IBM F26, In Mind Cloud D23, Litmus D25, NTT D14, Microsoft H10, SAP G14, Schneider Electric B13, TUV SUD F20	3D Metal Forge K08, Chemtron K26, Creatz3D L18, DKSH J08, EOS H07, Eye2Eye K24, HP J08, Mazak E06, Mitutoyo G06, NAMIC F06, Shonan Design L20, SpareParts F06, Trumpf J07, Zeiss H08	AEB A12, ALC L21, HopeTechnik M20, Innogreen L19, Jungheinrich A02, Konica Minolta D06, Modula D02, PBA D10, TYT B02, Streampeak F23, SESTO M22, Vallen D02, Werma C10, Witron B11