



# IoT ASIA | 30–31 March 2016

SINGAPORE EXPO

INTERNATIONAL EXHIBITION & CONFERENCE ON INTERNET OF THINGS  
TRANSFORMING BUSINESSES, GOVERNMENT AND SOCIETIES



## CLOSING THE GAP: FROM VISION TO REALITY

[www.internetofthingsasia.com](http://www.internetofthingsasia.com)

#iotasia

# VISITOR GUIDE





















































































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Founding Partners



# LIST OF SPONSORS AND EXHIBITORS

Sponsors & Exhibitors	Product/Solution Specialty	Pavilion	Institution Zone / Start-Up Exchange	Booth No.
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BLUE WIRELESS	 			D37
BLUGRAPH TECHNOLOGIES PTE LTD	 		Start-Up Exchange	S06
BOSCH SOFTWARE INNOVATIONS				NA
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CAMLIN PTE LTD	 	Singapore		A16
CC-LINK PARTNER ASSOCIATION	 			C37
CEA TECH	 			E08
COI ELECTRONICS & IOT	 			B33
CONTINEO MEDIA PTE LTD	 			E05
DATAEXPERT BV		Holland		C12
DELFT UNIVERSITY OF TECHNOLOGY – 3TU	 	Holland		C12
EMBASSY OF THE KINGDOM OF THE NETHERLANDS	-	Holland		C12
ESPERT PTE LTD	 		Start-Up Exchange	S12
EXOSITE ASIA	 			NA
FTD SOLUTIONS PTE LTD	 		Start-Up Exchange	S01
G ELEMENT PTE LTD	 	Singapore		B13
GAMMA – TECHNOLOGY CO., LTD	 	Taiwan		D12
GRIDCOMM PTE LTD	 	Singapore		A17
H3 DYNAMICS HOLDINGS PTE LTD	 	Singapore		A15
IBM SINGAPORE PTE LTD	 			NA
I IOT CO., LTD	 	Taiwan		D12
INNOVATIVE DIGITECH – ENABLED APPLICATIONS & SERVICE INSTITUTE (II)	 	Taiwan		D12
INSTITUTE FOR INFOCOMM RESEARCH, IFR	 			A01
INSTITUTE FOR INFORMATION INDUSTRY (DIGITAL EDUCATION INSTITUTE)	 	Taiwan		D12
INTEL TECHNOLOGY ASIA PTE LTD	 			C02 & D02
INTERNET OF EVERYTHING PTE LTD				B06
IOT BILLING (INTERNATIONAL) PTE LTD	 	Singapore		A07
ISKN	 			E08
THE JAPAN ELECTRICAL MANUFACTURERS' ASSOCIATION (JEMA)	 	Japan		D06
KORE WIRELESS ASIA PACIFIC PTY LTD	 			C38
LA FRESH INFORMATION CO., LTD		Taiwan		D12

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Sponsors & Exhibitors	Product/Solution Specialty	Pavilion	Institution Zone / Start-Up Exchange	Booth No.
LIBELIUM				B16
LINEAR DMS SOLUTION SDN BHD			Start-Up Exchange	S09
LINKWISE TECHNOLOGY PTE LTD				C15
LUX PHOTONICS CONSORTIUM				E04
MEDIATEK INC.				D05
MICROSOFT OPERATIONS PTE LTD				A22
MITAC INFORMATION TECHNOLOGY CORP.		Taiwan		D12
MOBODEXTER TECHNOLOGY SOLUTIONS PTE. LTD.			Start-Up Exchange	S10
NATIONAL INSTRUMENTS				A34
NIETZSCHE ENTERPRISE CO., LTD.		Taiwan		D12
NORDIC SEMICONDUCTOR ASA				C06
NOWI ENERGY		Holland		C12
NXP SEMICONDUCTORS				C18
ORACLE CORPORATION				A25
PEBBLEROAD PTE LTD		Singapore		A08
PTC				D30
REDSOCKS MALICIOUS THREAT DETECTION		Holland		C12
REDTONE IOT SDN BHD				A21
REMEDIAL PERFORMANCE PTE LTD			Start-Up Exchange	S11
REMOTEGRID PTE LTD			Start-Up Exchange	S08
REPUBLIC POLYTECHNIC			Institution Zone	Z04
ROLA SECURITY SOLUTIONS GMBH		Holland		C12
SAGAMI TELECOMMUNICATIONS INDUSTRY CO., LTD.		Japan		E07
SECURITY ACADEMY		Holland		C12
SINGAPORE INDUSTRIAL AUTOMATION ASSOCIATION (SIAA)	-	Singapore		A14
SINGAPORE MANAGEMENT UNIVERSITY, LIVELABS			Institution Zone	Z01
SINGAPORE WORKFORCE DEVELOPMENT AGENCY (WDA)	-			E06
SINGAPORE-ISRAEL INDUSTRIAL R&D FOUNDATION (SIIRD)	-			A23
SINGAPORE-MIT ALLIANCE FOR RESEARCH & TECHNOLOGY			Start-Up Exchange	S02
SMART BRIDGE INFORMATION, INC.		Taiwan		D12
SMU-TCS ICITY LAB			Institution Zone	Z02 & Z03
SOLACE SYSTEMS				B38
STMICROELECTRONICS ASIA PACIFIC PTE LTD				B12
SUBEX				E33
TAIWAN EXTERNAL TRADE DEVELOPMENT COUNCIL	-	Taiwan		D12
TCAM TECHNOLOGY PTE LTD		Singapore		B17
TELEENA NEDERLAND BV.				D39
TELIT WIRELESS SOLUTIONS				D34
TNO		Holland		C12
UTIMACO IS GMBH - OFFICE APAC				C40
VOLTRIUUM SYSTEMS PTE LTD		Singapore		A12
WE ARE PERSPECTIVE PTE LTD		Holland		C12
WILLOWMORE PTE LTD		Singapore		A13
WISTRON CORPORATION		Taiwan		D12
XPED GLOBAL PTE LTD		Singapore		A09

# EVENT HALL FLOOR PLAN



ENTRANCE / EXIT

## Day 1 • 30 March 2016 (Wednesday)

11:00 am – 11:30 am	<p><b>Maze of Standards</b> Given the wide range IoT related standards from standard bodies and industry alliances, ITSC IoT Technical Committee attempts to make sense of all these standards and identify suitable set of related standards for the different needs of Smart Nation.</p> <p><b>Wilson Ang, Chairman, IoT Technical Committee of IT Standards Committee; Director, Infocomm Development Authority of Singapore (IDA)</b></p>
11:30 am – 12:00 pm	<p><b>Unravelling Legal Pitfalls in the IoT Space</b> As the Internet of Things and the possibilities created by billions of interconnected internet-enabled devices increasingly become a part of our lives, what are some of the legal issues and challenges that arise and what should businesses do to deal with these legal issues and challenges?</p> <p><b>Daniel Chan, Partner, RHTLaw Taylor Wessing LLP</b></p>
12:00 pm – 1:00 pm	<p><b>A Guide to Taiwan IoT Products and Services</b> Smart Retail 4.0 – Fashionable High Street Coffee Shop / Light Meal Restaurant, Smart Campus 4.0 – A Secure, green and intelligent school, Smart Home 4.0 – A Scenario at a Secure, green and intelligent home.</p> <p><b>Dr Eva Yueh, Deputy Director General of Innovative Digi-Tech Enabled Applications &amp; Services, IDEAS Institute, Taiwan</b></p>
1:00 pm – 2:00 pm	<p><b>The Use of IoT in Education</b> Students in five Singapore schools are given access to new technology as part of a pilot programme by the Infocomm Development Authority of Singapore (IDA) to define how the Internet of Things (IoT) can enhance the learning of Science, Geography and Technology. This project is co-developed with industry partners from the UK and Singapore.</p> <p><b>Adrian Lim, Director (Education Sector), Infocomm Development Authority of Singapore (IDA), Singapore</b></p> <p><b>David Crellin, Managing Director, ScienceScope Ltd, United Kingdom</b></p> <p><b>Akmal bin Abdul Rahman, Co-Founder and Director, Tinkertanker, Singapore</b></p>
2:00 pm – 2:30 pm	<p><b>Microsoft Azure IoT Suite</b> Azure IoT Suite is a cloud-based offering with preconfigured solutions that address common Internet of Things scenarios, so you can capture and analyse untapped data to transform your business.</p> <p><b>Vasily Malanin, IoT and Advanced Analytics Lead, Microsoft, APAC</b></p>
2:30 pm – 3:00 pm	<p><b>Challenges and Solutions for Industry 4.0</b> Winmate Inc., together with Anevtech provide a leading-edge intelligent systems that connect to the Internet of Things to create a fully digital supply chain. Learn how the smart, connected systems transform the world's most challenging industries to achieve operational excellence, maximise efficiencies, safety and security.</p> <p><b>Wono Sardono, Senior Marketing Manager, WinMate Inc., Taiwan (SIAA Member)</b></p>
3:00 pm – 3:30 pm	<p><b>IoT &amp; Digital Transformation Leading to Digital Economy</b> How we got to the point of digital industrialism? We must re-think the value of economy and how to bring humans back into the fabric of digital age? IoT &amp; Digital Transformation can re-ignite the purpose of economy.</p> <p><b>Ramesh Venkatraman, Founder &amp; CEO, AAGNAA - an IoT &amp; Digital Transformation Company, India</b></p>
3:30 pm – 4:00 pm	<p><b>Enabling a Lean and Future Ready Workforce</b> Sharing of WDA's programmes which include Lean Enterprise Development Scheme, SkillsFuture initiatives and other funding support for a lean and future ready workforce.</p> <p><b>Clovis Chew, Manager, Singapore Workforce Development Agency (WDA), Manufacturing Division, Singapore</b></p>
4:00pm – 5:00 pm	<p><b>Building a Global IoT Community</b> A community workshop and presentation by The Things Network</p> <p><b>Wienke Giezeman and Johan Stokking, The Things Network, The Netherlands</b></p>
5:00 pm – 6:30 pm	<p><b>IoT: Collaboration for Ideation to Creation</b></p> <p><b>Ideation</b> Having visited the exhibition and conference for the first day, the visitors and delegates will participate in this engaging session, where they will learn and apply the approach of designing an IoT Solution. How different elements of IoT exhibited in the show can be out together to solve a problem.</p> <p><b>IoTSG MeetUp</b></p>

## Day 2 • 31 March 2016 (Thursday)

10:30 am – 12:30 pm	<p><b>IoT – The Answer to Your Problem Statements</b> <b>Mirza Saad, Senior Manager, SPRING Singapore (speaking on HDB's Call for Proposal)</b></p> <p><b>Goh Kim Yam, Senior Manager, ST Electronics</b></p> <p><b>Lee Soon Kiat, Director for Government Relations, Global Foundries</b></p>
12:30 pm – 1:00 pm	<p><b>Microsoft Azure IoT Suite</b> Azure IoT Suite is a cloud-based offering with preconfigured solutions that address common Internet of Things scenarios, so you can capture and analyse untapped data to transform your business.</p> <p><b>Ujjwal Kumar, Senior Technical Evangelist, Microsoft, Singapore</b></p> <p><b>Patrick Shim, Senior Technical Evangelist / APAC TE Lead / DX, Microsoft, Singapore</b></p>
1:00 pm – 2:00 pm	<p><b>Quantified Self; A Threat or A Challenge?</b> Recent advances in sensor technology make it possible to analyze health related signals on a non-obtrusive 24/7 basis. Although the acquisition and use of these signals requires considerable precautions with respect to privacy well designed smart systems can have a huge impact on public health and wellbeing.</p> <p>This lecture shares experiences in the Eindhoven region in the design and use of these smart systems focusing on the field of recreational sports/ vitality and in the field of rehabilitation of patients when recovering after a medical trauma.</p> <p><b>Prof Arnout Brombacher, Vice Rector International Relations / Dean, Department of Industrial Design, Eindhoven University of Technology, The Netherlands</b></p>
2:00 pm – 2:30 pm	<p><b>The City of Eindhoven as a Living Lab</b> The Smart Society will not happen by itself. We in the city of Eindhoven believe it is our responsibility to facilitate collaboration of municipalities, institutions, companies and citizens. This requires smart systems that meet people's need (humanised technology).</p> <p>Public interest needs to be safeguarded. A design approach is a good way to explore the desired future which enables us to constantly adapt to new and changing insights all with the ultimate goal to improve the quality of life of our society.</p> <p><b>Roy Beijnsberger, Director, Urban and Economic Development and Strategy Department, Municipality of Eindhoven, The Netherlands</b></p>
2:30 pm – 3:00 pm	<p><b>Smarter Nations</b> Find out how IBM is helping cities around the world exploit analytics, cognitive computing and new sources of data to become truly smarter and produce meaningful outcomes in terms of better citizen engagement, improved agency coordination and resource optimization, and improved services in areas such as transportation, water, safety and health.</p> <p><b>Tim Greisinger, Managing Director, IBM Singapore Pte Ltd</b></p>
2:30 pm – 3:00 pm	<p><b>Ignite Methodology for the Industrial Internet</b> This session provides an overview of current methodologies and best practices for building solutions in the Industrial Internet, leveraging the RAM/4.0 reference architecture model of the Platform Industry 4.0, as well as the Industrial Internet Reference Architecture (IIRA) of the IIC. Building on the popular Ignite project methodology used in IIC's IoT test beds, this session explains how RAM/4.0 and IIRA provide project managers with more flexibility and control in order to deliver their IIoT projects on time and on budget.</p> <p><b>Dirk Slama, Director of Business Development, Bosch Software Innovations, Germany (SIAA Member)</b></p> <p><b>Christian Thiemich, Senior Solution Architect, Bosch Software Innovations, Germany (SIAA Member)</b></p>
3:00 pm – 3:30 pm	<p><b>IoT and Industry 4.0 – The Same or Different?</b> IoT has been the topic coming from the US while Industry 4.0 is the buzzword now in Germany and Japan. Specifically in the industrial space, what are we looking at and where are we heading? What are exactly the goals in mind? Or are we caught in a bubble of jargons?</p> <p><b>David Chia, Managing Director, Beckhoff Automation, Singapore (SIAA Member)</b></p>
3:30 pm – 4:00 pm	<p><b>Enabling a Lean and Future Ready Workforce</b> Sharing of WDA's programmes which includes Lean Enterprise Development Scheme, SkillsFuture initiatives and other funding support for a lean and future ready workforce.</p> <p><b>Clovis Chew, Manager, Singapore Workforce Development Agency (WDA), Manufacturing Division, Singapore</b></p>
4:00 pm – 5:30 pm	<p><b>IoT: Collaboration for Ideation to Creation</b></p> <p><b>Creation</b> Following up the ideation on first day, and opportunity of getting further clarifications from the exhibitors during the second day, in this Creation session the teams will further fine-tune the idea, and present the workflow to the judges and the teams.</p> <p><b>IoTSG MeetUp</b></p>

TechSpace is only for pre-registered attendees who have indicated their interests online for the individual sessions before the show. Registered attendees: Please be punctual. Your seat will be released to walk-in attendees 5 minutes after each session starts.

# GENERAL INFORMATION

## Show Opening Hours

- **Exhibition in Hall 1, Singapore EXPO**  
10:00 am – 6:00 pm daily
- **Conference in Level 2, MAX Atria @ Singapore EXPO\***  
9:00 am – 6:30 pm (Day 1, 30 March 2016)  
9:00 am – 5:30 pm (Day 2, 31 March 2016)
- **Registration Counters**  
MAX Atria Gallery @ Singapore EXPO

\*Only for conference delegates. All lunch and networking breaks for conference delegates and speakers will be within the Exhibition Area located in Hall 1, Singapore EXPO.

## Registration Opening Hours

- Day 1, 30 March 2016: 7:30 am – 5:30 pm
- Day 2, 31 March 2016: 8:00 am – 5:30 pm

## Opening Ceremony

All visitors and delegates are invited to attend the Opening Ceremony on 30 March 2016, Garnet 215, Level 2, MAX Atria @ Singapore EXPO. As seats are limited, you are advised to be seated 15 minutes before the start of the Opening Ceremony.

## Admission Criteria

- Admission is restricted to trade professionals only. The Organisers reserve the right to decline both online and on-site registrations that are deemed inappropriate. Minors below the age of 16 will not be admitted.
- By submitting the registration form to attend the Event, you allow the Organiser, the Event Manager, their affiliates,

sponsors and/or authorised agents to use and/or disclose your information for the purposes of processing your registration for the Event and for sending you information regarding the Event and future promotional/marketing collaterals and offers. If you do not wish to receive any future promotional/marketing collaterals and offers, kindly inform the staff at the Registration Counters.

## Dress Code

All attendees have to be in business attire. The Organisers reserve the rights to refuse entry to those deemed inappropriately dressed eg in bermudas, shorts, sandals or slippers.

## Security Regulation

Passes are non-transferable and have to be worn at all times. All participants are advised to bring along personal identification as security checks may be carried out at the Organisers' discretion.

## Disclaimers

The Organisers will not be liable for any claims, damages, costs and expenses arising from delay of event, threat of terrorism, war, labour trouble, strikes, fire, risk of infection, epidemic, casualties or any causes beyond the reasonable control of the Organisers.

Photographs/recordings of the Event (including delegates' and visitors') will be taken for marketing and promotional purposes. By entering this session or taking part in this Event, you agree to the collection of your registration details.

## EVENT AT A GLANCE

30 March 2016, Wednesday		31 March 2016, Thursday			1 April 2016, Friday
10:00 am - 6:00 pm Hall 1, Singapore EXPO					
<b>EXHIBITION (INCLUDING TECHSPACE)</b>					
9:00 am - 11:25 am Garnet 215, Level 2, MAX Atria @ Singapore EXPO		9:00 am – 9:35 am and 4:55 pm – 5:30 pm Garnet 215, Level 2, MAX Atria @ Singapore EXPO			
<b>OPENING CEREMONY AND OPENING KEYNOTE SESSIONS (All tracks)</b>		<b>OPENING AND CLOSING KEYNOTE SESSIONS (All tracks)</b>			
30 March 2016: 11:25 am – 6:30 pm • 31 March 2016: 9:35 am – 5:30 pm					
<b>CONFERENCE (ALL TRACKS FOR BOTH DAYS)</b>					9:00 am – 5:00 pm
Garnet 215, Level 2, MAX Atria @ Singapore EXPO	Topaz 223, Level 2, MAX Atria @ Singapore EXPO	Peridot 205, Level 2, MAX Atria @ Singapore EXPO	Peridot 202, Level 2, MAX Atria @ Singapore EXPO	Topaz Concourse, Level 2, MAX Atria @ Singapore EXPO	<b>POST-EVENT SITE TOUR</b>
<b>SMART CITIES CONFERENCE TRACK</b>	<b>IoT DATA ANALYTICS CONFERENCE TRACK</b>	<b>DESIGN APPLICATIONS CONFERENCE TRACK</b>	<b>WEARABLES CONFERENCE TRACK</b>	<b>INDUSTRIAL IoT CONFERENCE TRACK</b>	<i>For registered participants only</i>
6:30 pm – 9:00 pm Garnet Foyer, Level 2, MAX Atria @ Singapore EXPO					
<b>EVENING NETWORKING RECEPTION</b>					
<i>For reception ticket-holders only</i>					