

# DELIVERING SOLUTIONS FOR AN EXPANDING ASIAN UAV ECOSYSTEM



## DRONES & UNCREWED

Asia 2024

Wednesday 6th & Thursday 7th March  
Sands Expo & Convention Centre, Singapore

### Show Opening Hours:

Wednesday 6th March 9:00 am - 7:00 pm (last admission 5:45 pm)  
Thursday 7th March 9:00 am - 5:00 pm (last admission 4:45 pm)



Geospatial driven impacts:  
underground, land & sea to sky



Delivering sustainable solutions  
for the built environment



Managing water resources with  
hydrosatial solutions

## SHOW PREVIEW

### Plan your visit now to Drones & Uncrewed Asia 2024 on the 6th & 7th March in Singapore

Come and join us to learn how the application of drone and UAV technologies are creating positive impacts on daily lives and helping businesses acquire critical data to make better informed decisions.

Maximise your 2-day visit to connect with 100 leading companies, attend more than 30 Tech Talks at the UAV Innovation Theatre and join the half day Mainstage Conference programme. With a focus on safety, interoperability and reliability the industry is preparing to move to another level.

**Register now to secure your admission to save S\$55, which also offers access to the Geo Connect Asia, Digital Construction Asia and Marine & Hydro Asia shows.**



### Inviting policy makers, operators and planners from government & leading industries

- Agriculture & Forestry
- Border Control
- Building & Construction
- Disaster & Emergency
- Defence & Intelligence
- Healthcare
- Infrastructure
- Mining
- Maritime & Ports
- Oil & Gas
- Smart Cities
- Road & Rail
- Utilities & Renewables
- Transportation & Logistics

### Who should attend?

- Agents & distributors
- Consulting
- Data & information technology
- Design & planning
- Drones services
- Education / training
- Engineering
- Facility & asset management
- Geospatial & GIS data
- Management services (legal, financial)
- Manufacturing & OEM
- Marketing, sales & media
- Operations
- Owners / senior management
- Project management
- Purchasing & procurement
- Quality control & assurance
- Regulatory & licensing

Organised by:



Platinum Sponsor:



Supporting Partner:



Knowledge Partner:



# EVENTS AT A GLANCE








## Conference Overview

**100+**   
Industry Addresses  
& Fireside Chats

**80+**   
Key Opinion Leaders

**30+**   
Leading Keynotes

**20+**   
Countries In-person  
Speakers

Wednesday 6 <sup>th</sup> March		Thursday 7 <sup>th</sup> March	
<b>Exhibition</b> 9:00 am – 7:00 pm		<b>Exhibition</b> 9:00 am – 5:00 pm	
 <b>Trimble Club</b> 10:30 am – 4:30 pm		 <b>Trimble Club</b> 2:00 pm – 5:00 pm	
<b>Tech Talks</b> 11:45 am – 5:00 pm		<b>Tech Talks</b> 10:30 am – 5:00 pm	
 <b>UAV Innovation Theatre</b> 11:00 am – 4:00 pm	 <b>UAV Innovation Theatre</b> 10:45 am – 3:15 pm		
 <b>Digital underground connect</b> 11:45 am – 12:45 pm	 <b>Digital underground connect</b> 10:00 am – 1:00 pm		
 <b>Geo CONNECT Main Conference</b>			
<b>Equatorial Theatre</b> 9:00 am – 4:30 pm	<b>Canopy Theatre</b> 10:30 am – 4:30 pm	<b>Equatorial Theatre</b> 10:30 am – 4:00 pm	<b>Canopy Theatre</b> 10:30 am – 5:00 pm

**Featuring more than 100 global companies from the worlds of geospatial, location intelligence, remote sensing, digital construction and UAV based solutions:**

3D Target | 3Dflow | Academy of Design Arts & Media Pte. Ltd. | ATIS Cloud | Avetics Global | BIMAGE Consulting Pte Ltd | Blue Marble Geographics | CE-Test & Measurement (S) Pte Ltd | CHC Navigation | Clitymatrix Pte Ltd | Cupix | Dabeeo | Digital Seagull | EarthDaily Analytics | Emesent | Eos Positioning Systems | Epic LIDAR | Eye-2-Eye Communications Pte Ltd | Geosun Navigation | GreenValley International | Guangzhou Geosurv Information Technology Co., Ltd | Heron Airbridge Pte Ltd | HSC Pipeline Engineering Pte Ltd | Hunan Bynav Technology | IESVE | ImpulseRadar | IQPS Inc | KTV Working Drone (Singapore) Pte Ltd | Leica Geosystems Technologies | Map2U | Metasensing AP Pte Ltd | NavVis GmbH | NORBIT US Ltd | Oracle | Parametric Technology (UK) Ltd | Plan Radar | Purui | Intelligent Drone Ltd | Quantum Systems | Radio Detection | Revizto Pty Ltd | Riebo Technology | RIEGL International GmbH | Satel | Satlabs Geosolutions | SBG Systems | Screening Eagle Singapore Pte. Ltd. | SHAREUAV LTD | Shonan Design (S) Pte Ltd | Silicon Sensing Systems | SimActive | Singapore Land Authority | Skyline Software Systems, Inc | ST Engineering Aerospace Ltd | ST Engineering Geo-Insights Pte Ltd | SwissDrones Operating AG | Team Synergy Pte Ltd (Sony) | Temasek Polytechnic | Terra Solid | Thales Solutions Asia Pte Ltd | The Institute of Marine Engineering, Science and Technology | Trimble Inc | Vexcel Imaging | Viasat | Wingtra | Wuhan Global Sensor Technology Co., Ltd | YJP Surveyor (S) Pte Ltd | Zhuhai 4DAGE Technology Co., Ltd

## Destination Information

Venue: **Sands Expo & Convention Centre, Singapore**  
Hall A & B, Marina Bay Sands  
10 Bayfront Avenue  
Singapore 018956

Book your Hotel Accommodation: **Burnaby Solutions**  
Official Travel Agent



**Scan QR code to book your preferred hotel to enjoy preferential rates.**

Contact Ms Silvia Lee for more information

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## OPENING PANEL SESSION

### The Diagnostics of Location in Improving Life Quality

10:15 am - 11:00 am, Wednesday 6th March, **Equatorial Theatre**



## MARINE AND HYDRO SESSION

### Creating a Domain for the Hydrospatial World: Building Consistent Data to Best Manage Competing Interests

1:45 pm - 2:30 pm, Thursday 7th March, **Canopy Theatre**



### Applying New Technologies to Build a Hydrospatial Universe

2:45 pm - 3:25 pm, Thursday 7th March, **Canopy Theatre**

## DIGITAL UNDERGROUND CONNECT SESSION

### Building Sustainable Futures with Digital Underground Twins

12:15 pm - 1:00 pm, Wednesday 6th March, **Canopy Theatre**



### Digital Underground: Towards a Sustainable Utility Mapping Ecosystem

10:30 am - 11:20 am, Thursday 7th March, **Trimble Club**

### Digital Underground Connect Expert Stage - Tech Talk: Unleashing Multichannel Technology for Large-Scale Digital Underground Mapping

11:35 am - 11:50 am, Thursday 7th March, **Trimble Club**

### Underground Imaging: Workflows and Technology for Mapping the Underground

11:50 am - 12:45 pm, Thursday 7th March, **Trimble Club**

## DRONES & UNCREWED SESSION

### Skybound Horizons: Unleashing the Future of Advanced Air Mobility

10:35 am - 10:50 am, Thursday 7th March, **Equatorial Theatre**



### Harmonising Operational Procedures: Converging Paths Towards Standardisation

10:50 am - 11:30 am, Thursday 7th March, **Equatorial Theatre**

### Going Global: How the Asia Pacific Region is Leading the Way in Autonomous Aviation

11:45 am - 12:25 pm, Thursday 7th March, **Equatorial Theatre**



Main Conference

<https://qrco.de/beknyH>

## TECH TALK - FREE TO ATTEND

### Advancements in Airborne Synthetic Aperture Radar (SAR)

2:05 pm - 2:20 pm, Wednesday 6th March, **Tech Talk**

### ST Engineering Geo-Insights' Analytics

11:55 am - 12:10 pm, Thursday 7th March, **Tech Talk**



Tech Talk Programme

<https://qrco.de/beknsp>

## UAV INNOVATION THEATRE - FREE TO ATTEND

### Addressing functionalities of precision technology and automation in the agriculture practices: What's next?

11:15 am - 12:15 pm, Wednesday 6th March, **UAV Innovation Theatre**

### What is KTV Working Drone (Singapore) Pte Ltd and who are our partners?

10:45 am - 11:00 am, Thursday 7th March, **UAV Innovation Theatre**



UAV Innovation Theatre

<https://qrco.de/beko2C>



**Viasat** Stand No: **C01**

**Platinum Sponsor**

*Air Navigation Systems & UTM*  
**Velaris – satcom connectivity for UAVs**

A dedicated satellite communications service for UAVs and Advanced Air Mobility aircraft, enabling you to operate beyond visual line of sight. With a robust connection through our L-band satellite network, plus access to our industry-leading partner ecosystem, you'll finally have the power to harness commercial opportunities in autonomous cargo and urban air mobility (UAM).



**Heron Airbridge** Stand No: **D15**

*Drones Uncrewed Traffic Management*  
**AirBridge UAS Operation & Traffic Management Platform**

AirBridge is a digital platform that enables data and workflow exchange between uncrewed aircraft system (UAS) operators, airspace managers, regulators, and other stakeholders to plan, schedule, authorise and monitor UAS operations according to agreed operational and regulatory protocols. The platform is built to international and open-source standards for interoperability with a wide range of UAS hardware, software and other UTM service providers.



**Quantum Systems** Stand No: **C20**

*Drones*  
**Trinity Pro**

Trinity Pro is designed to adapt to changing requirements, evolve in capabilities, and accelerate decision making through aerial data. Future integrations like AI capabilities give new insights and help professionals in various industries to make more informed decisions and drive their business forward.

With more than 75,000 flight hours on a global scale it has proven its performance, accuracy, and reliability. The Trinity Pro incorporates the latest technology: the new Quantum-Skynode autopilot and the Linux mission computer, which bring computing power and increased internal storage as well as enhanced connectivity onboard the aircraft. This allows downstream integration of next-generation cameras, but also of logging, simulation, and AI capabilities.



**Riebo Technology** Stand No: **G23**

*Drones Camera*  
**DG6M1 Master Pro Oblique Camera - Full-Frame**

Our main products are half-frame, full-frame and medium-format orthophotography cameras, as well as oblique photography cameras. The comprehensive product matrix meet different needs in GCAspatial information data collection and post-processing applications for worldwide.



**Sony Electronics Asia Pacific** Stand No: **C11**

*Drones Camera*  
**High resolution and lightweight camera ILX-LR1**

The ILX-LR1 is a professional camera with a 61.0 effective megapixel, full-frame image sensor, interchangeable E-mount lenses, and full remote operation via the Sony Camera Remote SDK (Software Development Kit), designed specifically for drone and industrial applications.

<https://pro.sony/products/installable-cameras/ilx-lr1>





## ST Engineering Aerospace Ltd

Stand No: **D05**

Drones  
**DroNet**

DroNet offers our customers turnkey Unmanned Aircraft System (UAS) solution and operations support, including design and customisation, flight operations and full integrated logistics support. As the OEM for the DroNet solution, we deliver cutting-edge capabilities for reliable Beyond Visual Line-of-Sight (BVLOS) flight operations for Surveillance, Inspection and Deliveries operations.

Visit our website at: <https://dronet.com.sg/>



## SwissDrones Operating AG

Stand No: **P05**

Drones  
**SDO 50 V3**

Twin-Rotor Aircraft



## Thales Solutions Asia

Stand No: **C10**

Drones & UTM  
**Unmanned Airspace Management Solutions**

Thales' UAS Airspace Management solution is an integrated system that caters to the needs of all stakeholders to ensure safety of the airspace. Drone pilots are able to access the airspace in a secured way, with the capabilities brought forth by the mission request tools linked to the UTM. For Authorities, it offers an end-to-end management of airspace activities with a strategic and tactical level of operations.

Thales will enable the next generation of aerial vehicles – crewed and uncrewed, to become a reality!



## Wingtra

Stand No: **H11**

Drones  
**WingtraOne GEN II**

The WingtraOne mapping drone's unique set of features empowers you to minimize your time flying and get more work done, be it another project in the field or analyzing your data at the office.

**SONY**

### ILX-LR1

- High-resolution, detailed images
- Compact, light-weight design
- Easy integration into drone

### Camera Remote SDK

- Dedicated SDK for integration with bespoke applications



**HERA**

- 33-lb payload capacity
- Fit in a backpack with battery and camera included.

**Stand: C11**

