

INTERGEO 2018 UPDATE

Discover the urban future at

INTERGEO

CITIES OF ALL SIZES ARE CURRENTLY WORKING ON OFFERING THEIR GROWING POPULATIONS ATTRACTIVE, SUSTAINABLE LIVING SPACES, SO SMART CITY SOLUTIONS ARE BOOMING. **DANIEL KATZER** REPORTS ON HOW THIS YEAR'S INTERGEO EXPO WILL REFLECT THIS ACTIVITY IN BOTH ITS MAIN CONFERENCE PROGRAMME AND SMARTCITYSOLUTIONS TOPIC PLATFORM

The urban era has only just started. According to the latest figures from the United Nations, around three-quarters of the world's population will be living in cities by the year 2050. Perhaps understandably, an entire generation of urban planners and developers, traffic and environmental experts, local politicians and municipal energy providers are queuing up to participate in related EU projects with one thought in mind: how do we prepare our cities for this additional population pressure?

What will they look like?

To ensure smart cities become attractive, adaptable and, above all, sustainable living spaces, cutting-edge IT is being exploited on a widespread basis to achieve this end. But what exactly are smart cities and how do they differ from existing communities? What aspects of urban life are affected? And how are city dwellers reacting to this digitalisation of their living environment? There is no definitive answer to any of these questions, but the basic function of geodata is deemed extremely important in addressing them.

Basis for healthy urban growth

INTERGEO sees the smart city as a basis for healthy urban growth and is presenting itself as a platform for this dynamic sector of the economy. The topic is a focal point during all three days of the INTERGEO CONFERENCE, with sessions devoted to "Local authorities and digitalisation", "Smart city" and "Lighthouse City Germany". This aspect of the programme will trace the steps involved in achieving smart city status and underline the importance of geoinformation throughout this process.



Inset: How we plan transport networks of the future and manage the advent of autonomous vehicles is just one of the challenges confronting smart city planners

Networking at SCS

SmartCitySolutions (SCS) will act as a meeting point for international providers of smart city tools and those responsible for urban development, mobility and the environment in cities and communities. Smart City is an ecosystem of solutions and the SCS platform will highlight its many facets, bringing together solutions providers and the cities themselves so that they can compare different approaches, enter into dialogue, and build on what has been achieved to date.

Smart city solution providers, urban developers and planners, environmental and traffic experts, economic development specialists, urban consultants and local

authorities can discover the urban future – in Frankfurt from 16 to 18 October at INTERGEO, the accompanying conference, and the special part of the trade fair devoted to SmartCitySolutions.

Further information on this year's event can be found at: <http://www.intergeo.de/>



Daniel Katzer is Director Trade Fairs and Conferences and project manager of INTERGEO with HINTE GmbH (www.hinte-messe.de).



INTERGEO 2018: a concise guide

WITH AN EXPECTED 570 EXHIBITORS, 18,000 VISITORS, AND A CONFERENCE ATTRACTING 1,400 DELEGATES, NAVIGATING YOUR WAY AROUND INTERGEO CAN BE A DAUNTING PROSPECT. WITH THIS IN MIND, OUR HANDY GUIDE COULD HELP YOU MAKE THE MOST OF YOUR VISIT

WHERE AND WHEN IS INTERGEO 2018 BEING STAGED:

The Trade Fair is taking place at Messe Frankfurt, Ludwig-Erhard-Anlage 1, 60327 Frankfurt-am-Main, Germany, between 16 – 18 October

IS IT ALL UNDER ONE ROOF?

This year's exhibition occupies two levels in Hall 12 at Messe Frankfurt, with an adjacent outdoor Flight Zone hosting live test flights. The INTERGEO Conference convenes in the Portalhaus building next to Hall 12.

WHAT DOES IT COST TO ATTEND?

A day ticket for the exhibition can be purchased online for €35 and €50 at the door. A ticket for all three days costs €80 online or €120 at the door. Registering for a conference pass will cost you €160 for a single day or €400 for attendance on all three days. A three-day early-bird conference pass is on offer at €350 until 19 August 2018 while further discounts are available for DWV/DGfK members.

WHAT IS THE PRINCIPAL LANGUAGE OF THE EVENT?

The official language of the trade fair is English. Simultaneous translation facilities will be available throughout most of the conference proceedings

HOW DO I GET THERE?

If travelling by train, aim for the "Torhaus" S-Bahn stop. If arriving by car, follow the signs to Messe Frankfurt and then to Messe-Parkhaus Rebstock.

WHAT ARE THE OPENING TIMES?

Daily from 9 a.m. to 6 p.m.

WHERE IS THE MAIN ENTRANCE?

If arriving by train, take the moving walkway from the "Torhaus" S-Bahn stop to Hall 12. If arriving by car, use the "Portalhaus" entrance to get from the car park to Hall 12.

HOW DO I NAVIGATE MY WAY AROUND?

The map in the printed INTERGEO show guide can help, as can the interactive hall plan that is included in the INTERGEO app for iOS and Android (available in English and German and downloadable from Apple Store or Google Play)

WHERE CAN I STAY?

INTERGEO's official partner Hotelservice-Deutschland.de has agreed special group booking rates at various hotels in the vicinity of the exhibition centre. Bookings can be made via: www.intergeo.de/hotel-reservations

WHERE CAN I FIND MORE INFORMATION?

Log on to www.intergeo.de

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CARLSON SOFTWARE INC.

Look to Carlson Software for technically advanced software and integrated hardware for the full life cycle of a land development or mining project. From data collection to survey and civil engineering design, including construction estimation, 3D model building, and machine control, Carlson's solutions use the same data throughout and are designed to work seamlessly with each other.

- Don't Miss: ultra-rugged Windows 10 tablet, Carlson RT3, running Carlson SurvPC6 data collection solution.
- Pairing next generation GNSS receivers with the Carlson RT3 tablet and SurvPC6 software.
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Stand: 12.1C.058 **Hall:** 12.1

Web: www.carlsonsw.com



CORREVATE - Lowering the barriers to point cloud use

Fast and accurate, Vercator software automatically registers multiple scans in a scene, enabling point cloud users to reduce scan set up time and improve 3D data processing.

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- Compatible with all common data sources and formats

Correvate will be showcasing Vercator software at Intergo in Frankfurt

Stand: 12.0D.060

Web: correvate.co.uk



EUROPEAN SPACE IMAGING

European Space Imaging is the only European company to offer true 30 cm resolution satellite imagery. We operate a ground station outside of Munich, Germany, that is capable of direct tasking the WorldView satellite missions. This grants us a high degree of flexibility and enables us to minimise cloud cover in our very high resolution satellite images. Our expert team has a reputation for personalised customer service, and will be onsite at Intergo to discuss how to solve your problems using the world's best satellite imagery and other derived services.

Stand: 0B.041 **Hall:** 12

Web: www.euspaceimaging.com

Email: info@euspaceimaging.com



EOS POSITIONING SYSTEMS

Eos Positioning Systems makes high-accuracy field location simple, affordable and intuitive. In fact, Eos built the world's first Bluetooth® GNSS receivers for any device and app. The Eos Arrow Series™ of GNSS receivers deliver real-time positioning to any iOS, Android, or Windows device — without post-processing. Arrow models support all 4 constellations and three frequency bands. Moreover, the Arrow was designed to work under dense canopy, in rugged terrain, despite wet conditions, and with all-day (plus) battery life.

Contact Eos for more details. See the Arrow in Person at INTERGEO in Frankfurt, Germany on 16-18 Oct., 2018:

Stand: 3.1 Hall: A3.061
 Web: www.eos-gnss.com
 Tel: +1 450 824 3325
 e-Mail: info@eos-gnss.com



GeoSLAM

Looking to save time and money on your measured building surveys? Need a quick and efficient solution for regular construction verification? Need a flexible tool that can fulfil many jobs throughout the lifecycle of a built asset?

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Our expert team are on-hand in Hall 12.1 at Stand F.011 to offer live product demonstrations of our game-changing technology.



Stand: F.011 Hall: 12.1
 Web: www.geoslam.com
 e-Mail: info@geoslam.com

HANDHELD

Handheld is a manufacturer of ultra-rugged mobile computers built tough from the inside and out. Designed to handle harsh environments, compact and ergonomic and with a generous list of integrated features Handheld rugged computers improve efficiency in a wide range of industries.

Visit Handheld at INTERGEO to get a demonstration of some of our newest products; the ALGIZ 8X, - a rugged 8-inch Windows tablet, with capacitive touchscreen, rain- and glove mode. Or the NAUTIZ X9 ultra-rugged Android PDA, that can handle any environment a field worker might encounter.



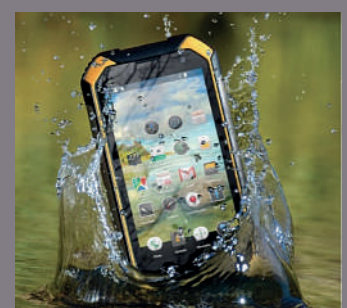
Stand: 12.0C.031 Hall: 12
 Web: www.handheldgroup.com
 e-Mail: info@handheldgroup.com

JUNIPER SYSTEMS LIMITED

Juggling too many field devices? The CT5 Rugged Smartphone, from Cedar™ by Juniper Systems®, is your affordable solution. Go ahead, plot points with GPS or GLONASS, collect data, transmit findings – and answer those texts and calls, too! Pocket it and go.

Fully rugged to IP68, the CT5 operates in any weather. Your hectic diary is no match for its speedy, Android 6® OS and long-life battery.

Juniper Systems designs and manufactures ultra-rugged data collectors for extreme environments. We proudly deliver superior customer service for GIS/Geomatics professionals worldwide.



Stand: 12.1D.001 Hall: 12.1
 Web: www.junipersys.com
 e-Mail: info@EMEA@junipersys.com

LEICA GEOSYSTEMS

Revolutionising the world of measurement and survey for nearly 200 years, Leica Geosystems, part of Hexagon, creates complete solutions for professionals across the planet. With precise and accurate instruments, sophisticated software, and trusted services, Leica Geosystems delivers value every day to those shaping the future of our world. Come experience these solutions at INTERGEO in Hall 12.1 D.023. Along with other divisions from Hexagon, a global leader in digital solutions that create Autonomous Connected Ecosystems (ACE), professionals across geospatial and industrial enterprise applications, professionals across a wide array of industries can discover instruments, software and services to meet their unique needs.

Stand: D.023 **Hall:** 12.1

Web: leica-geosystems.com

Phone: +41 71 727 3131

e-Mail: info@leica-geosystems.com



Leica GS18 T – World's Fastest GNSS RTK Rover



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Stand: E1 **Hall:** 12

Web: your.lasertech.com/gis

e-Mail: atiblj@lasertech.com

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Stand: 12.1C.001 **Hall:** 12.1

Web: www.3DLaserMapping.com

e-Mail: Info@3DLaserMapping.com



ORBIT GT

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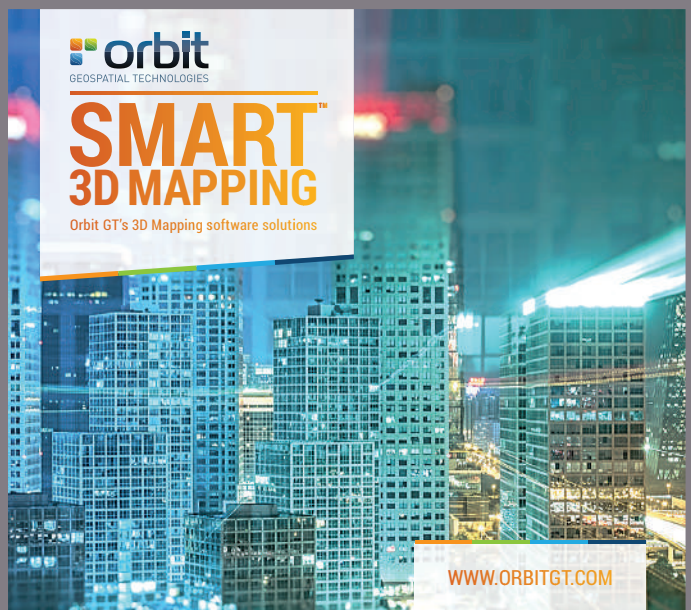


Stand: D.015 **Hall:** 12.0

Web: www.orbitgt.com

Web: www.3dmapping.cloud

e-Mail: sales@orbitgt.com



WWW.ORBITGT.COM

MICROSOFT BING MAPS

Microsoft Bing Maps puts Location Intelligence at the heart of your business decisions. Trusted by enterprise customers worldwide, the geospatial platform and APIs deliver advanced solutions for business processes, opportunities, performance, and innovative user experiences.

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Grey Matter is proud to be the sole authorised Microsoft Bing Maps distributor for EMEA/APAC. Visit our stand to learn more about Bing Maps.



Stand: 12.1G.090 **Hall:** 12.1
Web: greymatter.com/bingmaps
e-Mail: mapping@greymatter.com

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Aerial cameras and processor systems built specifically for your unique requirements in applications such as mapping, surveying, precision farming, inspection, 3D modelling, homeland security and more. As a company engaged in research, development and production of specialized industrial cameras systems, we understand and consider your needs. Amongst exciting new products on show will be the newly launched iXM Camera with motorized lenses, along with our range of cameras for Aerial Imaging Applications including our fully integrated 190 megapixel and 4-Band multi-spectral solutions.



Stand: 12.1D.012 **Hall:** 12.1
Web: industrial.phaseone.com
e-Mail: industrial@phaseone.com

Bridging the gap between Reality Capture and Digital Construction

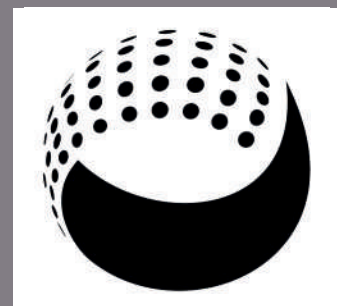
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POINTFUSE

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Stand: E.009 **Hall:** 12.0
Web: www.pointfuse.com
e-Mail: info@pointfuse.com
Tel: +44 (0)20 8017 8600

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Stand: C.080 **Hall:** 12.0
Web: www.riegl.com
e-Mail: office@riegl.com
Phone: +43 2982 4211

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Stand: D.051 **Floor:** 12.1

Web: www.rheticus.eu

e-Mail: info@rheticus.eu



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Silicon Sensing develops and manufactures precise, reliable, affordable silicon MEMS gyroscopes, accelerometers and inertial systems. We have supplied over 30 million sensors worldwide and our products suit all applications where functionality, performance, survivability and integrity – with expert technical support – are critical. DMU30 is our latest high-performance all-MEMS inertial measurement unit, offering ultra-reliable inertial performance equivalent to fibre-optic solutions at lower size, weight and cost. We also offer DMU11, a low-cost 6-DOF inertial sensor module, multi-axis inertial modules and CMS300, a single-axis gyro and dual-axis accelerometer chip.

Stand: 12.1E.018 **Hall:** 12

Web: www.siliconsensing.com

e-Mail: sales@siliconsensing.com



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Stand: 12.1D.011 **Floor:** Upper Floor

Web: www.scisys.co.uk

e-Mail: sales.enquiries@scisys.co.uk



SENSEFLY

At senseFly we believe in using technology to make work safer and more efficient. Our proven drone solutions simplify the collection and analysis of geospatial data, allowing professionals in surveying, agriculture, engineering and humanitarian aid to make better decisions, faster. Founded in 2009, senseFly is the commercial drone subsidiary of Parrot Group. At INTERGEO, the company will showcase its newest technology and conduct flying demonstrations at the IASEXPO Flight Zone.

Stand: 12.0C.058 **Hall:** 12.0

Web: sensefly.com

e-Mail: info@sensefly.com



TALLYSMAN

Tallysman designs and manufactures precision GNSS antennas ranging from small lightweight antennas up to reference grade antennas. Tallysman offers the widest range of precision antennas which are all economically priced. We will have an antenna to suit your needs! All of our antennas are RoHS and REACH compliant. The housed antennas are also RED compliant.

Visit our booth to learn about exciting new antennas which will set new standards of performance in the GNSS industry.

Stand: D.059 **Hall:** 12

Web: www.tallysman.com/index.php/gnss/

Tel: +1-613-591-3131 ext. 101

e-Mail: info@tallysman.com

