

COMPANY SHOWCASE

Our regular 'Company Showcase' feature is the opportunity for suppliers of goods and services from all branches of the geomatics industry to acquaint readers with their latest offerings. Innovation is key to success in today's geomatics market place... one where traditional boundaries are being blurred by the latest trends in convergence and functionality, and it is vital that users can take advantage of these technological advances.

Surveying equipment now incorporates GNSS, GIS, Laser-based and communications, as well as optical capabilities to offer ever higher accuracy and greater local processing power at lower cost. Remote Sensing, in the widest sense, achieves new levels of resolution and precision from Laser, LiDAR, satellite, and aerial sensors, including those carried aboard a new generation of UAVs. The huge volumes of geodata captured by these and other sensors and devices are incorporated in ever more innovative information and location based services that support public and private sector decision makers at all levels, as well as citizens.

Look also for advances linked to the convergence between technologies, from CAD and BIM suites now incorporating GIS and decision support tools to smart phones used to collect and disseminate location-tagged data for commercial and citizen-oriented Open Source applications. For field use, consumers are now spoiled for choice with a wide variety of portable rugged and semi-rugged geodata collection devices based on PDA, tablet and notebook computers. And, of course, the advent of data and software as hosted services via the Cloud presents new challenges and opportunities for users everywhere.

This is an exciting decade for all sectors of the geomatics industry, with innovation powered by creativity, convergence and advances in several allied technologies. Watch this space to keep yourself up to date!

Next Available Showcase:
Spring 2021
(Published March/April)
Entry Deadline: January 2021

CHC NAVIGATION

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Make your work more efficient

Creating Value for Geospatial Professionals

CHC Navigation (CHCNAV) is a global provider of innovative GNSS positioning and navigation solutions for terrestrial and aerial surveys, conventional GNSS surveys, 3D mass data acquisition, precision farming, unmanned navigation and robotics, real-time GNSS infrastructure, and so on.

Since 2003, CHCNAV has made the digitization process possible by merging technologies, from millimeter precision GNSS sensors to LiDAR, from marine drones to UAV photogrammetry, from optical surveying to rugged GNSS/INS sensors.

With a global presence and distributors in more than 120 countries and over 1,200 employees, CHC Navigation [Huace:300627.SZ] is recognized as one of the fastest-growing companies in the geospatial industry.



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EOS POSITIONING

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Eos Positioning Systems® (Eos) is the leading provider of submetre and centimetre GNSS (GPS) receivers for the mapping community. Our technical team designed the world's first Bluetooth® GNSS receiver for any device or app, including Apple iOS devices.

The Eos Arrow Series™ GNSS receivers bring submetre and centimetre accuracy to iOS, Android, and Windows devices. They are compatible with all field data-collection and other mobile workforce apps. With real-time positioning and rugged design, teams get reliable accuracy in tough field conditions. The Arrow 100 and Arrow Gold utilize all four global constellations, free SBAS corrections, support RTK networks, and provide an option for Atlas satellite-based differential correction services. Solutions are available for underground utility mapping and laser offsets/sideshots.

Visit www.eos-gnss.com for more information.

Contact Us:

www.eos-gnss.com
+1 450 824 3325 (Canada)

Technical Support:

Our technical team will return all inquiries promptly with next-business day response. We encourage you to please contact us. Please mention Geoconnexion in your inquiry.



Eos Positioning Systems

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Hexagon is a global leader in sensor, software and autonomous technologies. We are putting data to work to boost efficiency, productivity and quality across industrial, manufacturing, infrastructure, safety and mobility applications.

Our technologies are shaping urban and production ecosystems to become increasingly connected and autonomous – ensuring a scalable, sustainable future.

Hexagon (Nasdaq Stockholm: HEXA B) has approximately 20,000 employees in 50 countries and net sales of approximately 3.9bn EUR. Learn more at hexagon.com and follow us @HexagonAB.

The Smart Digital Reality™

Hexagon’s Smart Digital Reality™ is a digital replica of a complete physical world, where all associated things, places and processes within it are machine-readable and subject to the power of algorithms. Every Smart Digital Reality has three defining characteristics:

- **Digitally accessible:** Provides seamless access to physical world information in a digital world
- **Infinitely connected:** Draws and acts on data from multiple sources simultaneously
- **Autonomously intelligent:** Leverages data to make unaided decisions and becomes smarter over time



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- Low battery causing down time.
- Work delays and lost data because someone dropped the data logger.
- Waiting inside till the rain stops.

When your day is packed with too much work and not enough time, the new Mesa® 3 Rugged Tablet keeps up with your long work day.

Choose your operating system – Microsoft® Windows or Android® with Google Mobile Services. The versatile Mesa 3 delivers powerful performance, long battery life and rugged reliability.

Supplied as standard:

- Juniper Rugged™
- IP68 water/dust/shock proof
- Toughened sunlight-readable display
- Rain Mode touchscreen
- High capacity battery

Pair the Mesa 3 with the Geode GNS2 – our real-time, precision sub-metre, multi-GNSS receiver – for a data collection solution that’s efficient, dependable and ultra-rugged.



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KOREC specialises in providing measurement solutions, surveying equipment and mapping systems for the UK and Ireland. We are proud to be one of the largest and most successful Trimble distributors in the world. We also proudly stock UAV solutions via our partners senseFly & Parrot, and handheld mobile mapping solutions from GeoSLAM.

Our mission is to profitably help as many People, Businesses and Organisations as possible be as effective as they can be.

KOREC customers can therefore depend upon a sales consultancy and support team that has been fully trained to meet the needs of UK and Irish geospatial professionals in a diverse range of industries which include; survey, construction, engineering, rail, monitoring, utilities & forestry.

Visit our new look website today;



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LASER TECHNOLOGY

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LASER TECH



Laser Technology's reflectorless measurement technology is the ideal solution for collecting field data. Fieldwork is simplified as occupying measured locations is no longer a requirement in order to obtain GNSS coordinates. LTI's laser rangefinders integrate with GPS/GNSS devices and GIS software for a streamlined data collection experience. Now fieldworkers can remotely position features while measuring and recording additional attribute data such as heights, widths and clearance values. This integrated GNSS solution enables you to safely position yourself to capture high accuracy coordinates around trees, buildings, or dangerous terrain, and works even in unfriendly conditions for traditional RTK workflows. The TruPulse® laser rangefinder family of products are the most popular professional-grade laser measurement tools in the world for field measurements and mapping. With the option of continuous measurement, LTI rangefinders turn into manual scanners, allowing quick recording of only the needed data.

Stand: #E23_07 Hall 23

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MYZOX

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myzox

Myzox is the leading manufacturer and supplier of world infrastructure development as a top brand of surveying accessories and measuring tools related to construction and civil engineering.

Global sales network has been more than 50 countries, and having No.1 market share in Japan and South East Asian countries.

Myzox products lineup cover wide variety of demands for various fields of land surveying, construction and civil engineering.

Especially, Myzox focus on development of accessories which increase work efficiency with high-end instruments such as robotic total stations and laser scanners.

Also, it's important point for us to develop accessories with robust and repairable structure for long term use in order to minimize accessory cost at end-users.

Myzox new 360 prism, R-360, is the typical product of these policies and very useful with hire/rental business by repairable individual prism cubes.



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OXFORD TECHNICAL SOLUTIONS

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OXTS
Inertial+GNSS

OxTS offers a range of high-precision Inertial and GNSS navigation systems for measuring motion, position and orientation.

All products contain a six-axis inertial measurement unit and either incorporate a GNSS receiver or are compatible with many external GNSS receivers on the market. Inertial navigation systems combined with GNSS provide highly accurate measurements of position, acceleration, velocity, true heading, roll, pitch, etc. in real-time and post-process.

GNSS jumps, dropouts and multipath errors near trees and tall buildings are corrected by the tightly-coupled navigation algorithms.

OxTS products integrate with other complimentary technologies including LiDAR and Photogrammetry sensors and are used across multiple applications in many industries providing users with true georeferenced outputs that they can have full confidence in.

Our OxTS Georeferencer and Boresight Calibration software gives users the ability to combine INS data with raw LiDAR scanners to output highly accurate 3D Pointclouds.



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QUARRYONEELEVEN



GET NOTICED IN THE CROWD

You are working in an ever more competitive marketplace and to rise above the noise, your key sales and marketing messages must be seen, understood and acted upon.

To achieve these critical business goals, every geospatial company in the world needs to stop talking about what it is they can do and focus on what it is they can do for their prospects and customers.

That's what we do for our clients

Quarry One Eleven
questions@quarry-one-eleven.com
www.quarry-one-eleven.com



Check Out the NEW RIEGL Online Platforms Now!

2020 has been a very unique year where everyone has had to think outside of the box and to work in new spheres!

RIEGL has enhanced their online activities to keep their customers and prospects up to date on the latest developments in RIEGL's Ultimate LiDAR Technology.



Using these QR-Codes, you can get access to:

RIEGL NEWSROOM

The platform for anything and everything NEW at RIEGL!

Register at <https://newsroom.riegl.international/> to learn about the latest projects, product news, conferences and exhibitions, webinars and podcasts!

RIEGL RiCAST Podcast Channel

Here, you will find a broad list of podcasts on the most diverse LiDAR topics. No matter where you are - enjoy listening!

RIEGL Webinars at RIEGL's Video Lab

Gain immediate access to an extensive list of RIEGL webinars with detailed information and insights into multiple topics and special features.

The RIEGL online community is looking forward to welcoming you!

RIEGL
e-mail: office@riegl.co.at
newsroom: newsroom.riegl.international
www.riegl.com



GENEQ Inc. is the developer and manufacturer since 2003 of the popular SXBlue GPS family of GNSS receivers.

With revolutionary technology, our mapping-grade receivers are the first to achieve sub-meter accuracy in real time without post-processing.

The iSXBlue is the world's 1st GNSS receiver that connects via Bluetooth to any Smartphones, PDAs, Tablets and Notebooks.

Powered by its 372 channels, the SXBlue Platinum is the Ultimate Survey Grade GNSS receiver designed for RTK centimeter accuracy with any GIS application, including ESRI Collector and Survey 123.

You can now have the whole cm real-time solution with our new CORS Base Station the Net20 Pro.

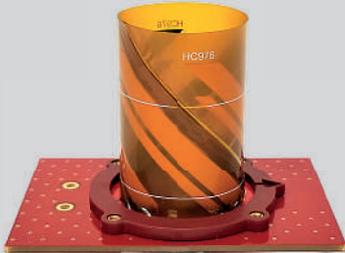
For surveyors looking for flexibility and cost-effectiveness, our NEW F100 is the smart GNSS receiver with state-of-the-art positioning and communication technologies.

We also have the most extensive accessories catalog for all of our receivers.



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TALLYSMAN



Discover Tallysman®'s Line of Exceptional Helical Precision GNSS Antennas

Tallysman®'s helical antennas provide high-accuracy positioning in a very light (10 g embedded or 42 g housed) and compact form factor (H = 60mm x D = 45mm). Helicals are ideal for many applications, such as lightweight autonomous vehicles, handheld land survey devices, and automotive positioning.

The Helical line features a precision-tuned helical element (±3 mm PCV) that provides an excellent axial ratio without the need of a ground plane. All Tallysman®'s housed helical antennas come in a robust military-grade plastic enclosure, while embedded models are mounted using a ring that traps the antenna circuit board to any flat surface.

Helical models offer full, triple, dual, and single-band GNSS coverage, with L-band correction services supported by several helical models.

Discover Tallysman®'s exceptional Helical family for all your precision applications.

For product inquiries:

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Tallysman

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TALLYSMAN



Discover Tallysman®'s Line of Exceptional VeroStar™ Precision GNSS Antennas

The VeroStar™ wideband antenna provides best-in-class low elevation angle tracking of GNSS and L-band correction signals. The wideband spherical antenna element enables the VeroStar™ to deliver ±2 mm phase centre variation (PCV), making it ideal for all high-precision surveying, positioning, and machine control applications.

Tallysman's VeroStar™ line of precision GNSS antennas consists of pole mount and surface mount models. The pole mount VSP6037 provides full GNSS band coverage while the VSP6337 provides triple-band coverage (L1/L2/L5, G1/G2/G3, E1/E5ab, B1/B2/B2a) and the VSP6237 provides dual-band coverage (L1/L2, G1/G2, E1, B1). The surface mount VSS6037 and VSS6337 provide full and triple-band support, respectively. All VeroStar™ models are also available with L-band correction service support.

Discover the exceptional VeroStar™ family of antennas for all your precision applications.

For product inquiries:

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Tallysman

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VEXCEL IMAGING



Better strategic decisions through intelligent imagery

Developing cutting-edge digital aerial cameras and photogrammetric processing software with constant product upgrades and world-class support has made Vexcel Imaging a market leader in the geospatial arena. The industry-leading UltraCam aerial sensor portfolio covers applications from nadir to oblique to wide-area data collection. The UltraMap photogrammetric software suite offers a processing workflow for highly automated generation of exceptional quality point clouds, DSMs, ortho imagery and 3D textured TINs.

This end-to-end technology is the basis for Vexcel's cloud-based aerial image library providing organizations with location-based insight and intelligence through high-resolution vertical and oblique imagery along with other digital representations of the world. The Vexcel Data Program (VDP) is already powering the Geospatial Intelligence Center (GIC), an initiative launched by the National Insurance Crime Bureau (NICB) to provide its 1,100 members with best-of-breed aerial pre- and post-disaster imagery.

Intergeo

Online event

13-15 October 2020

Vexcel Imaging

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