

COMPANY SHOWCASE

SPRING 2022

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:
Autumn 2022
(Published September)
Entry Deadline: August 2022**

CALIAN, ADVANCED TECHNOLOGIES

1

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Decimator D4 Spectrum & Signal Analyzer

CALIAN
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Decimator D4 RF Spectrum & Signal Analyzer

Calian, Advanced Technologies' Decimator D4 RF Spectrum & Signal Analyzer is designed to monitor radio frequency (RF) communications and detect signal issues. Decimator D4 is ideal for applications including marine, RF positioning, satellite positioning, terrestrial surveying, internet of things, location intelligence and more.

A significant feature is signal analysis, complementing spectrum analyzer capabilities. Powered by a complex signal processing engine, the Decimator D4 demodulates and decodes satellite signals, allowing a deeper inspection and analysis of the signals than a traditional spectrum display. The feature proactively identifies issues in the network before they manifest as a failure.

- Frequency range of 5 MHz to 6.5 GHz
- Demodulate & decode MPEG transport stream-based DVB-S/S2/S2X signals
- Set up programmable alarms via email & SNMP
- Monitor individual unattended carriers with built-in carrier monitoring
- View up to 100 carriers in a single window with Spectator add-on

Calian, Advanced Technologies

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EOS POSITIONING

2



Eos Positioning Systems®, Inc. is the award-winning Canadian manufacturer of Arrow Series® GNSS and GPS receivers. Arrow GNSS receivers support all mobile apps (e.g., ArcGIS Field Maps, ArcGIS Survey123, Mapit Spatial, etc.). Obtain centimetre- or submetre-level location accuracy directly into any iOS, Android, or Windows devices. All Eos GNSS hardware is rugged, waterproof, and lightweight.

With real-time positioning, reliable performance, and rugged design, Arrow receivers support all four global GNSS constellations as well as regional ones. Additional features include free SBAS corrections, RTK connectivity, satellite corrections and more.

We also offer several solutions for our receivers that facilitate infrastructure mapping, including Eos Locate™ for ArcGIS (i.e., underground utility mapping) and Eos Laser Mapping™ for ArcGIS (i.e., mapping assets from afar).

Learn more about our company and products: www.eos-gnss.com.

Subscribe to <https://eos-gnss.com/> subscribe for the latest updates and industry news.



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Handheld is a manufacturer of rugged tablets and handhelds for tough environments. All our devices can handle long workdays and rough conditions; Extreme temperatures, rain, sand and dust, getting dropped, high altitude? No problem.

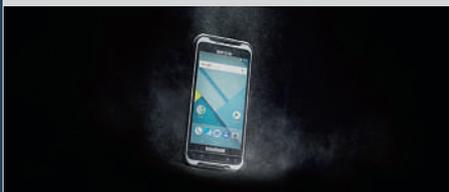


The ALGIZ RT8 8-inch ultra-rugged Android tablet built to increase fieldwork efficiency.
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The NAUTIZ X6 ultra-rugged phablet comes with a 6-inch capacitive touchscreen and an IP67-rating.
Learn more at: www.handheldgroup.com/nautiz-x6

Get in contact for a product demo, or meet us at GeoBusiness. We'll be in Stand GB20.



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

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

Hexagon (Nasdaq Stockholm: HEXA B) has approximately 22,000 employees in 50 countries and net sales of approximately 4,3bn 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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Acquire precise location data with an intuitive GNSS receiver. Achieve low-level accuracy while withstanding extreme environments including dust, rain, snow, and temperature extremes. Stay within budget.

It's all possible with the **NEW Geode™ GNS3 Receiver** from **Juniper Systems Limited**. Scalable and simple to use, it provides a variety of data accuracy levels – including sub-metre (50cm), sub-foot (30cm) and decimetre (10cm).

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KOREC are proud to be one of the largest and most established Trimble distributors in the world.

Tracing our roots back to 1968, our longstanding commitment and knowledge of the geospatial and mapping industries stands us in perfect stead to solve your most challenging positional problems.

But we're not complacent. In an industry as fast moving as ours, we're constantly seeking new partnerships, products and people to ensure we offer the best service to you.

Besides Trimble, we now partner with senseFly, Parrot, ESRI and Move Solutions to ensure we offer a comprehensive package of hardware, software, end-to-end solutions to serve a wide range of industries.

In 2022, we've committed to growing our workforce by 30% across the UK and Ireland, across all departments including sales, workshop, hire and support. We also recently announced our 13 'Sector Specialists' – experts in their field ranging from rail, construction, roads & tunnels, to monitoring.

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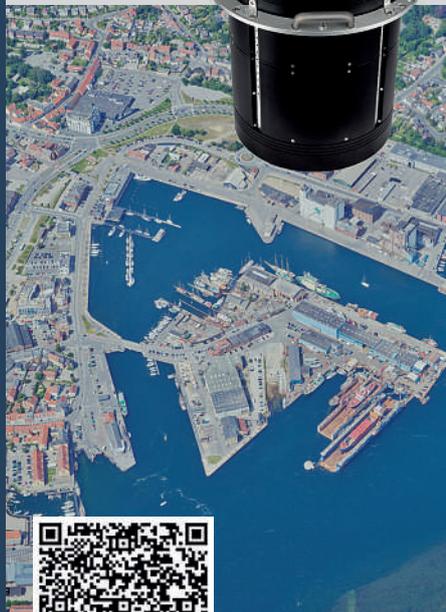
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Phase One is the global leading provider of high-end imaging technology across many business segments. This includes both hardware and software for aerial mapping, industrial inspection, and cultural heritage digitization, as well as serving the world's most demanding photographers.

Founded in 1993, Phase One provides the world's highest image quality in terms of resolution, dynamic range, color fidelity and geometric accuracy. With a passionate commitment to imaging technology, creative freedom and data to boost productivity, quality, efficiency and safety, we empower our customers with imaging beyond imagination.



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Pix4D is the specialist in creating software that converts images taken by drones, aircraft, and mobile devices into geo-referenced 2D orthomosaics and 3D surface models and point clouds. Pix4D uses imagery data as well as LiDAR point clouds to render results read for 3D models or CAD. Centimeter-grade results can be rendered with both aerial and terrestrial data. Consumer and specialist drones are both supported by Pix4D products, delivering survey-grade accuracy for the next generation of mapping. Pix4D began with desktop software, PIX4Dmapper, but now has 13 products - including 2 specialized hardware tools, completing tasks ranging from data collection to processing and vectorizing to get data ready for CAD. Professionals can assess, edit, and share their projects with Pix4D software using the rayCloud, Mosaic Editor, and seamlessly import those results into any professional GIS, CAD, and traditional photogrammetry software package.

Meet us on the road:

- Aero Friedrichshafen - April 27-30 - Friedrichshafen, Germany
- ISPRS - June 6-11 - Nice, France
- 58th Photogrammetric Week - September 13-16 - Stuttgart, Germany
- INTERGEO - October 18-20 - Essen, Germany

Pix4D

Route de Renens 24, 1008 Prilly, Switzerland

www.pix4d.com/contact-us

QUARRY ONE ELEVEN

9



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
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RIEGL

10



Maximizing Data Quality and Productivity in High-Altitude Airborne Mapping

The geospatial industry continues to expand in scope and application. Around the world, national institutions and federal governments are focusing their efforts on providing accurate topological 3D data at the national level for various applications.



With this in mind, RIEGL developed the VQ-1560II-S Dual Channel Airborne LiDAR Scanning System, a benchmark of productivity, target coverage, and data quality - all within a single-sensor design.

The cross-fire scan geometry of the VQ-1560II-S results in a homogenous point distribution across the entire field of view. This uniformity is critical to the effective use of artificial intelligence (AI) via machine and/or deep learning routines to automate the reliable extraction and identification of topological features across the entire data swath width.



Learn more about the VQ-1560II-S capabilities and the potential benefits for your business!

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VEXCEL IMAGING

11



Renowned in the geospatial industry for market-leading technical know-how and innovative approaches, Vexcel Imaging is committed to the success of its customers. As a leading provider of digital aerial camera systems and fully integrated processing software, Vexcel Imaging offers cutting-edge technology combined with constant product upgrades and world-class support.

The industry-leading UltraCam aerial sensor portfolio covers all applications in airborne photogrammetry: From nadir to oblique to wide-area data collection.

Processing of the UltraCam data is done with the UltraMap photogrammetric software suite offering an end-to-end processing workflow for highly automated generation of exceptional quality point clouds, DSMs, DTMs, ortho imagery and 3D textured TINs.

With the introduction of Adaptive Motion Compensation (AMC), Vexcel Imaging is starting a new chapter in motion compensation.

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Booth #GA36
London, UK
18-19 May 2022



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