

# COMPANY SHOWCASE

SPRING 2020

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 2020  
(Published September)  
Entry Deadline: July 2020**

1SPATIAL

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## 1Data Gateway

1Spatial have released 1Data Gateway, an intuitive self-service web-portal for handling data validation, data processing and data enhancement.

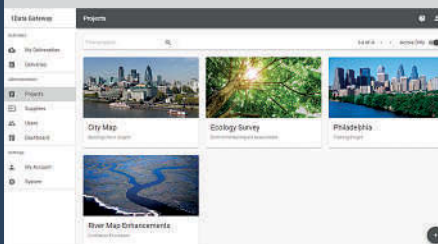
Available in the cloud or on-premise, it offers internal and external users a secure, fully scalable and customisable product to handle both spatial and non-spatial data.

1Data Gateway applies 1Spatial's renowned rules-based approach to help users manage data. Using centralised management of suppliers, partners and rules, it promotes efficiency in data capture and submission across the supply chain.

Users simply upload their data files against pre-defined validation rules, corrections and enhancement processes with ease – without the need for training. Once processed, data can be downloaded, and results visualised as a pdf report or directly on a map. 1Data Gateway delivers comprehensive admin analytics and dashboard capabilities.

Transportation and infrastructure companies, government agencies, and utilities companies are among the types of organisation that can utilise 1Data Gateway to improve productivity, lower costs and guarantee control, compliance and data governance.

**For more information please visit:  
<https://1spatial.com/1data-gateway>**



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1SPATIAL

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## Location Mobile App Platform (LMAP)

1Spatial, a global expert in Geospatial data, data management and data quality, recently announced an exciting evolution to its product range. The new Location Mobile App Platform (LMAP) enables easy and flexible spatial data collection whilst in the field.

Leveraging existing expertise in data management and data quality into a mobile app platform, it delivers an easy to use UI, complete flexibility in integration and in-built validation based upon business rules.

LMAP can be configured to provide a solution to any number of spatial data challenges facing businesses and has been made available to offer complete integration and configuration flexibility to customers.

Commonly used across industries who have geographically dispersed assets and the need for quality-driven spatial data editing via a field-based workforce.

LMAP helps guide users to capture the right data at the right time and crucially, make sure that the data is right first time.

**For more information please visit:  
<https://1spatial.com/location-mobile-app-platform-lmap>**



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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](http://www.eos-gnss.com) for more information.

### Contact Us:

[www.eos-gnss.com](http://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.



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## HANDHELD

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# handheld

### RUGGED COMPUTERS FOR TOUGH ENVIRONMENTS

Handheld is a manufacturer of ultra-rugged mobile computers built rugged from the inside and out.

Our rugged tablets and handhelds can withstand tough field work days, with water, dust, shock and extreme temperatures.



*NEW! The ALGIZ RT8 ultra-rugged Android tablet is built to increase fieldwork efficiency. It has a stunning screen, user-friendly design, and a range of built-in tools and optional accessories. Get all the details at: [www.handheldgroup.com/algiz-rt8](http://www.handheldgroup.com/algiz-rt8)*

**Scan the QR-code to learn all about the new ALGIZ RT8:**



Together with a strong network of reselling partners Handheld supply rugged computers to a wide area of field applications, often in the most demanding environments.



*The NAUTIZ X6 ultra-rugged phablet comes with a 6-inch capacitive touchscreen and a superior u-blox NEO-M8N receiver. Learn more at: [www.handheldgroup.com/nautiz-x6](http://www.handheldgroup.com/nautiz-x6)*

**Visit Handheld at GEO Business 2020: We're in Stand K7**

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## HEXAGON

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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 3.8bn EUR. Learn more at [hexagon.com](http://hexagon.com) and follow us @HexagonAB.

**ConExpo**  
**Las Vegas, USA**  
**10-14 March 2020**  
**North Hall, Booth #N-12166**

**Hannover Messe**  
**Hannover, Germany**  
**20-24 April 2020**  
**Hall 17, Stand D42**

**Autonomous Vehicle Technology Expo**  
**Stuttgart, Germany**  
**16 - 18 June 2020**  
**Booth AV6424**



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## Trimble SiteVision

See the Future  
See the Hidden  
See the Progress

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.

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.

### Upcoming Events;

**Welsh Construction Show, Cardiff**  
25th March  
Stand B29

**GeoBusiness, London**  
20-21st May  
Stands E12, L1 & Bay 1 (outside)

### KOREC Group

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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.

**GeoBusiness: Stand G9**  
**Intergeo: E23\_07 Hall 23**

### Laser Technology, Inc.

6912 South Quentin Street, Suite A  
Centennial, CO, USA 80112  
Phone: +1 303-649-1000  
your.lasertech.com/gis



### STAR\*NET

MicroSurvey STAR\*NET is trusted globally by governments and corporations to provide easy-to-use, accurate least-squares adjustments with data from Leica, Trimble, Carlson, MicroSurvey, and several other survey providers. STAR\*NET's reporting format is the standard for submission to several government agencies, and MicroSurvey's industry-leading technical support and learning resources can help you maximize your return on software investment. [microsurvey.com/starnet](http://microsurvey.com/starnet)



### FieldGenius for Android™

FieldGenius for Android™, takes decades of experience in developing innovative field software, and uses it to build the next generation of data collection software. Brand-neutrality on the Android platform truly gives you the freedom of choice for your equipment, allowing use of over 160 GNSS receivers and most Android devices, including phones, phablets, and tablets. Help resources are integrated for easy access, and training videos are available within the software for devices with internet access [microsurvey.com/fga](http://microsurvey.com/fga)

**Join us at Geobusiness 2020!**  
**MicroSurvey Booth: M20**

### MicroSurvey Office

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PHASE ONE  
INDUSTRIAL

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PHASE ONE  
INDUSTRIAL



Phase One Industrial researches, develops and manufactures medium format digital photography systems, software and imaging solutions for industrial markets. Solutions range from aerial image acquisition to machine vision applications and cultural heritage preservation. Whether mapping the globe, executing industrial inspections or preserving priceless works of art and documents, the focus is on imaging accuracy.

Phase One's range of 50MP to 190MP metric cameras are completed with a choice of impressive lenses. In addition, the company offers a powerful controller and software with full compatibility with most flight management systems and GPS receivers. From flight planning to image delivery, Phase One delivers the complete solution.

From manned and unmanned platforms, in existing or new settings, Phase One's solutions are diverse. Used on UAV's for surveying and inspecting, in Oblique configuration for 3D cities applications or in a 4-Band setting for agriculture and environmental monitoring and research, our products and solutions are designed to answer the needs of the most demanding projects.

**Phase One Industrial**  
Email: [industrial@phaseone.com](mailto:industrial@phaseone.com)  
[industrial.phaseone.com](http://industrial.phaseone.com)

RIEGL

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### Versatile RIEGL Solutions for Airborne Mapping

RIEGL offers a broad product line of laser scanner engines and systems to meet the various requirements of the most diverse applications. RIEGL's unequalled advances in full-waveform scanning technology has made it a consistent mainstay of the airborne LiDAR market.

The new RIEGL VQ-780 II Airborne Laser Scanner and the new RIEGL VQ-1560 II Airborne Laser Scanning System - with a laser pulse repetition rate of 2 MHz and 4 MHz respectively - provide mission results with further **increased productivity for both high-point-density mapping and ultra-wide-area mapping.**

The proven VP-1 Helicopter Pod is now also available with the fully integrated RIEGL VUX-240 Airborne Laser Scanner providing up to 1.5 million measurements/sec and ideally suited for **applications like corridor mapping.**

The new RIEGL miniVUX-2UAV LiDAR sensor provides up to 200,000 measurements per second and thus a dense point pattern on the ground for **UAV-based applications** that require the acquisition of small objects.

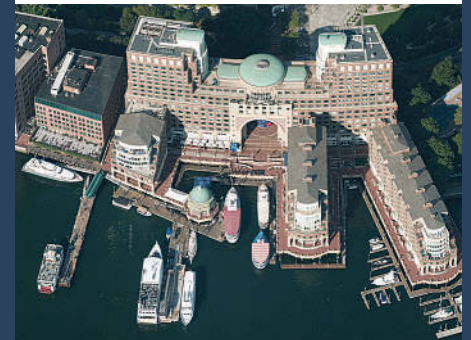
Come experience RIEGL's high performance product portfolio at:

**ILMF 2020**  
Washington, March 23-25  
**Booth No. 401**

**RIEGL**  
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VEXCEL

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### 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.

**GEO Business**  
**Stand M1**  
**London, UK**  
**20-21 May 2020**

**Intergeo**  
**Stand A25.56**  
**Berlin, Germany**  
**13-15 October 2020**

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