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If there’s one thing I’ve come to realize after being involved with the commercial UAV space, it’s that a lot of people have a lot of questions. Those questions can be about anything from how to choose a particular solution to what approach needs to be taken around quantifying an ROI, but they can also get very specific. What does it mean to legally operate a drone in a given region? Does a particular company have a solution that is specifically designed for the application you have in mind? How can an operator effectively turn raw data into actionable information?

This directory is designed to showcase the manufactures and organizations that can help provide you with answers and solutions that will allow you to effectively utilize drone technology. Whether your questions are centered on the industry you’re working in, or on a product or service, this guide focuses on the companies you’re able to connect with in-person at the Commercial UAV Expo to help you get a better understanding of the answers they’ll be able to provide for you.

The difference between effectively leveraging a UAV or not is often about the people and products that are being utilized, and this directory is meant help provide you with a better understanding of the options and opportunities that are available. I hope this directory will help you discover which ones are the right fit for you.

Jeremiah Karpowicz
Executive Editor
Commercial UAV News
Civil Infrastructure

AceCore

AceCore Technologies, while young, has a long history in the development of Unmanned Aerial Vehicles. AceCore Technologies is based in the Netherlands and started their business as end-users to add value to a variety of cinema solutions for the creative industry. We started our company out of love for filming and flying with a team of dedicated professionals. With experts in film and more than 17 years in RC we found the perfect combination. We also realized that there wasn’t an airframe on the market that did everything our experts expected. We began working with top end suppliers and some military experts and after two years of pioneering and extensive testing we proudly launched a functional, safe and reliable UAV. The NEO is the perfect combination of beauty and function. Its all weather design, 19.8 lbs payload and carbon fiber frame are like nothing else on the market. With the NEO your possibilities are limitless.

AceCore Technologies, Romeinenweg 86C, 5349 AL Oss, The Netherlands Sales@acecoretechnologies.com | 31850170042 www.acecoretechnologies.com

ARGUS Unmanned

Our mission is to exceptionally deliver relevant and valuable information solutions to the business aviation, air carrier, rotary wing, UAS, and the overall aerospace marketplace. Headquartered in Cincinnati, Ohio, ARGUS is actively engaged with customers in over 60 countries, spanning 6 continents. In 2015, ARGUS entered into a strategic relationship with Air Works, a leading diversified aviation services provider with a presence in 4 continents across the globe. Air Works provides engineering, asset management, and safety and technology solutions to the global aviation marketplace. ARGUS subsidiaries provide innovative safety, software, data, and risk management solutions across the aviation industry.

ARGUS Unmanned, 4240 Airport Road, Suite 300, Cincinnati, Ohio 45226, United States argus.sales@argus.aero | 513-852-5110 | www.argus.aero

AVAI

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Our mission is to exceptionally deliver relevant and valuable information solutions to the business aviation, air carrier, rotary wing, UAS, and the overall aerospace marketplace. Headquartered in Cincinnati, Ohio, ARGUS is actively engaged with customers in over 60 countries, spanning 6 continents. In 2015, ARGUS entered into a strategic relationship with Air Works, a leading diversified aviation services provider with a presence in 4 continents across the globe. Air Works provides engineering, asset management, and safety and technology solutions to the global aviation marketplace. ARGUS subsidiaries provide innovative safety, software, data, and risk management solutions across the aviation industry.

ARGUS Unmanned, 4240 Airport Road, Suite 300, Cincinnati, Ohio 45226, United States argus.sales@argus.aero | 513-852-5110 | www.argus.aero

Leica Geosystems

A technology that is literally taking off, unmanned aircraft systems (UAS) are the future of industries as varied as surveying, mining, agriculture, public safety and construction. The reason is simple: the potential of UAS is unbounded. Leica Geosystems helps you capture that potential with the Aibot X6 and Dragon 50, two of the most innovative UAS designs in the world.

Leica Geosystems Inc. | 5051 Peachtree Corners Cir, Norcross, GA 30092, United States bryan.baker@leicaus.com | 970-227-3417 | www.leicaus.com

Lockheed Martin Skunk Works

The Skunk Works of today is focused on the critical aircraft for tomorrow. Advanced technology solutions for manned and unmanned systems draw on our world-class capabilities in conceptual design, systems engineering and integration, complex project management, software development and rapid prototyping. These core capabilities tie to the foundation of the Skunk Works where founder Kelly Johnson’s mantra, “quick, quiet and quality,” guides each and every project from concept to flight.

Lockheed Martin Skunk Works, 1011 Lockheed Way, M/Z 1109 Palmdale, CA 93599, United States dave.chen@lmco.com | 661-406-7103 www.lockheedmartin.com/us/aeronautics/skunkworks.html

Microdrones

At Microdrones, our goal is always to empower you to deliver the best possible work while cutting costs, saving time, and completing projects more easily. Our mdMapper packages combine industry-leading UAVs with payloads that were specifically designed for industrial applications like surveying, mapping, inspection, construction, mining, volumetrics, and precision agriculture. These packages and kits provide complete solutions that include aircraft, sensors, accessories, custom mounts, and even an Android tablet app that makes it easy to plan, monitor, adjust, and analyze your missions anywhere. We’ve taken the guesswork out of the process so you are ensured a perfectly integrated aerial solution that performs flawlessly from start to finish.

Microdrones, 625 Bomber Drive, Rome, NY 13441, United States info@microdrones.com | 866-874-3566 | www.microdrones.com/en/home

EI listair

At Elistair, we design and manufacture tethered stations for civilian drones. Our mission is to bring efficiency and productivity to the UAV market, but above all to respond to each of our clients’ needs. Our innovative technology open a new field of applications for drones such as persistent aerial surveillance, continuous aerial broadcasting, complex industrial inspection or traffic monitoring. Elistair has won several awards and competitions in France and San Francisco and is one of the few French companies selected for European financial support under the Horizon 2020 program.

Elistair, 8 Rue Jean Elysée Dupuy, 69410 Champagne-au-Mont-d’Or FRANCE contact@elistair.com | 33 (0)9 83 57 06 39 | www.elistair.com

FlyCam UAV

FlyCam UAV provides system integrations and solutions in the sUAS/RPA industry. We have worked with FEMA, emergency responders, environmental companies and communication companies. In addition, we offer aerial radiation and chemical detection sensors and service. We can provide custom radiation and chemical sensors for nuclear power plants, landfills, airborne particulates and anywhere there is a threat of radioactive contamination. We are also the US distributor of the Acecore UAVs, Neo and Zoe.

FlyCam UAV, 20555 Devonshire Street, #116, Chatsworth, CA 91311, United States flycamuav@gmail.com | 818-678-9151 | www.flycamuav.com

BWI Aviation Insurance

Since 1977, BWI has been at the forefront of the aviation insurance industry. We strive to provide our customers the most competitive rates and top notch service nationwide. In recent years, we have been focusing on developing new and exclusive insurance programs as well as thoroughly upgrading our computer systems and online portfolio. With these new programs and efficiency upgrades, we are able to provide our customers with ever more competitive rates and the best service you can find.

BWI Aviation Insurance, 710 Rimpau Ave. Ste #203, Corona, CA 92879-5724, United States quotes@BWIfly.com | 800-666-4359 | www.bwifly.com

Dynamic UAV Solutions

Dynamic UAV Solutions is an industry leading distributor in the commercial UAV space, specializing in the Mapping, Agricultural, Public Safety and Inspection markets in North America. Dynamic carries a broad line of UAV space, specializing in the Mapping, Agricultural, Public Safety and Inspection markets in North America. Dynamic carries a broad line of UAV

Dynamic UAV Solutions, 4716 Greenich Rd., Seville, OH 44273, United States 330-818-2868 | www.dynamicuav.com
Phase One Industrial
The Ultimate Cameras for Aerial Imaging
Applications. Phase One Industrial 50 and 100 MP camera systems, compatible with diverse aerial platforms, expand the operational capabilities of our customers. The ease of integration of Phase One 50 and 100 MP camera systems with varied drones’ solutions offer an easy and safe aerial access to challenging areas, a larger surface coverage in a single flight, a higher resolution images and an opportunity to acquire aerial data with a cost effective, and efficient tool for diverse high accuracy applications.

Phase One Industrial, 390 Interlocken Crescent, Suite 350, Broomfield, CO 80021, United States
industrial@phaseone.com | 303-379-2107 | www.phaseone.com

Skynetwest
We produce high quality, geo-referenced aerial photography, videography, data retrieval, and data processing for all types of industries, particularly with infrastructucute inspections, building inspections, and land surveying. Our goal is to provide the most accurate and high quality data on the market, in a fraction of the time taken by conventional methods. By meeting this standard, we ensure that our partners have all the information possible and avoid any delays in getting started on their project.

Skynetwest, 835 West Warner Road Suite 101-489, Gilbert, AZ 85233, United States
info@Skynetwest .com | 480-718-1045 | www.Skynetwest .com

Topcon Positioning Systems, Inc.
Meet Topcon at The Intersection of Infrastructure and Technology — where construction, surveying and engineering professionals find advantages and know-how to be at the forefront of technological innovation — to increase productivity and profitability — for growing infrastructure needs. Topcon provides advanced unmanned aerial system (UAS) mass data capture solutions that create greater efficiencies and accuracies such as the Sirius Pro, powered by Intel®, and Intel® Falcon™ 8+ Drone – Topcon Edition. The Sirius Pro fixed-wing UAS eliminates the need for ground control points by combining RTK GNSS with precision timing technology for accurate mapping. The Intel® Falcon™ 8+ Drone rotary-wing UAS is designed for inspection and monitoring, and survey and mapping applications. With the ability to maneuver in small spaces, it excels in challenging environments. Topcon Positioning Group is focused on a mission to provide superior end-to-end solutions by integrating high-precision measurement technology, software and data.

Topcon Positioning Systems, Inc., 7400 National Drive Livermore, CA 94550, United States
925-245-8300 | www.topconpositioning.com
Construction, Mining & Aggregates

**Modus Robotics**
Modus Robotics is an industrial robotics and data innovation company. We specialize in environmental and construction/infrastructure workflow advancement. The San Diego-based firm helps corporations and their service providers integrate UAS (aka, “drones”) technology into their industries.  
**Modus Robotics, 1115 Camino Del Mar #109, Del Mar, CA 92014, United States**  
info@modusrobotics.com | 858-366-6996 | www.modusrobotics.com

**R4 Robotics Inc**
In Underground Mining, SWAT team Locations and Insides of Oil Tankers or over tree covered Utility poles. A totally different Caged Design and unparalleled superior CODFM Non-Line-of-Sight video Transmission technology are equally needed to get you into these places and the live video and data back to you. The R4Roller fly-rolls on the ground, along & up mine shafts, staircases, and walls. 20 minutes flying time, hours of transmission when perched.  
**R4 Robotics Inc, 666 Baldwin Ct., Birmingham, MI 48009, United States**  
info@robotandvision.com | 586-826-9595 | www.R4Robotics.com

**Leica Geosystems Inc.**
A technology that is literally taking off, unmanned aircraft systems (UAS) are the future of industries as varied as surveying, mining, agriculture, public safety and construction. The reason is simple: the potential of UAS is unbounded. Leica Geosystems helps you capture that potential with the Aibot X6 and Dragon 50, two of the most innovative UAS designs in the world.  
**Leica Geosystems Inc. | 5051 Peachtree Corners Cir, Norcross, GA 30092, United States**  
bryan.baker@leicaus.com | 970-227-3417 | www.uas.leica-geosystems.us

**Phase One Industrial**
The Ultimate Cameras for Aerial Imaging Applications. Phase One Industrial 50 and 100 MP camera systems, compatible with diverse aerial platforms, expand the operational capabilities of our customers. The ease of integration of Phase One 50 and 100 MP camera systems with varied drones’ solutions offer an easy and safe aerial access to challenging areas, a larger surface coverage in a single flight, a higher resolution images and an opportunity to acquire aerial data with a cost effective, and efficient tool for diverse high accuracy applications.  
**Phase One Industrial, 390 Interlocken Crescent, Suite 350, Broomfield, CO 80021, United States**  
industrial@phaseone.com | 303-379-2107 | www.phaseone.com
Emergency Response & Security

**ALX Systems**

ALX is leading the autonomous drone sector by providing a mission oriented and fully customizable solution. Autonomous drone interception, advanced mapping, swarming, indoor SLAM,... are part of our proposal. Cloud enabled, embedded computer vision, Cellular/Radio/Satellite controlled our operating system is equipping our UAVs, but also UAV from other brands. A development environment allows our customer to build their own application on top of our operating system, integrate their own payload and interact with other software.

*info@alxsys.com | sales@alxsys.com | 32 473 52 30 20 | www.alxsys.com*

**Ambarg Group**

Ambarg Group was Established to Present a Turn Key Solutions for Drone Users and to Upgrade the Existing Drones Usage World Wide. Ambarg Group is Focusing on the new implementation of Drones Especially in the Professional Aerial Photography Both in Civil and Armed Forces Ambarg Group Cooperated with Walkera Technology Co. Ltd partnering to optimize our All New LTE Drones Series and Establish Unique Professional Drones and Management Software (Based on the unique Advantage of LTE) in Various Fields. By Introducing the LTE Control Drones to Customers, Ambarg Group managed to Customize Systems and Build Turnkey Solutions to : Civil Security, Departments, Police, Military Force, Farmers & Agriculture, Etc.

*Ambarg Group, 9 Mesada St., Bney-Brak 5126237, 3 B.S.R Towers, 13th Floor, Israel*

*info@ambargrp.com | 972-7222131 | www.ambargrp.com*

**Embention**

Embention develops professional performance unmanned vehicle components and complete autonomous systems, such as Veronte Autopilot; all this with a high level of expertise in the control of unmanned platforms: fixed wing aircrafts, multicopters, hybrids, helicopters, surface vehicles (USV), blimps... This technology has been applied to the development of equipment for unmanned aircrafts and complete UAV / RPAS, being successfully installed in multiple projects.

*embention, PI Las Atalayas, C/ Chelin, 16, 03114, Alicante, Spain*

*embention@embention.com | 0034 965 115 421 | www.embention.com/en*

**Flyability**

Flyability is a Swiss company building safe drones for operating indoors, in complex and confined spaces, and in contact with people. By allowing drones to be used safely inside cities, buildings, and in contact with people, it enables new interactions and services with UAVs and solves the two most critical issues of one of the fastest growing industries: collision and injury risks. The company’s main market is in industrial inspection where it avoids sending people in dangerous and confined spaces for the inspection of Power Generation, Oil & Gas, Maritime, and Chemical infrastructures. It is also active in Search & Rescue and Public Security to assess emergency situations without putting humans at risk.

*flyability, Avenue de Sévelin 20, 1004 Lausanne, Switzerland*

*sales@flyability.com | 0041 21 311 55 00 | www.flyability.com*

**FlyCam UAV**

FlyCam UAV provides system integrations and solutions in the UAS/RPA industry. We have worked with FEMA, emergency responders, environmental companies and communication companies. In addition, we offer aerial radiation and chemical detection sensors and service. We can provide custom radiation and chemical sensors for nuclear power plants, landfills, airborne particulars and anywhere there is a threat of radioactive contamination. We are also the US distributor of the Acecore UAVs, Neo and Zoe.

*FlyCam UAV, 20555 Devonshire Street, #116, Chatsworth, CA 91311, United States*

*flycamuv@gmail.com | 818-678-9151 | www.flycamuv.com*

**Insitu**

Insitu is an industry-leading provider of information for superior decision making. We design, develop and manufacture customized unmanned hardware, software and services solutions for our commercial, government and defense customers worldwide. Founded in 1994, Insitu is a wholly owned subsidiary of The Boeing Company.

*Insitu, 118 East Columbia River Way, Bingen, Washington 98605, United States*

*insitu.com/contact | 509-493-8400 | www.insitu.com*

**JTT**

Shenzhen JTT Technology Co., LTD(JTT), established in January 2015, is a high-tech company specialized in research, development and manufacture of UAV located in Shenzhen Nanshan IP Park. Our philosophy are Synergy & Innovation. We provide cutting-edge technology and industrial UAV solutions. JTT integrated multi-rotor intelligent UAV are widely used in aerial surveillance, public security, search and rescue, environmental monitoring, agriculture, aerial photography and scientific investigation.

*Shenzhen JTT Technology Co.,Ltd, 6F, AS Building, Nanshan IP Park, No.1001 Xuexyuan Avenue, Nanshan District, Shenzhen, Guangdong P.R.C*

*sales@jttuv.com | 86-755-86968648 | www.en.jttuv.com*

**Phase One Industrial**

Phase One Industrial

**SightLine Applications**

Founded in 2007, SightLine Applications is the market leader in onboard video processing for advanced camera systems. At SightLine, we believe experience matters and can proudly state that our processors have over a million flight hours. Our team is committed to constantly improving video performance. By integrating our key functions at the camera, we provide the low latency, fully digital video that is critical to multiple applications. We recognize that camera system integration is difficult, but using SightLine as your dedicated video processing team will make it seem easy.

*SightLine Applications, 2828 SW Corbett Ave, Suite 216, Portland, OR 97201, United States*

*sales@sightlineapplications.com | 503-616-3063 | www.sightlineapplications.com*

**Skycan**

Aerial surveys always proved to be a costly and low dynamic. The arrival of the drone has changed all of that. SKYCAN, with “two feet on the ground”, gives you a sharp visualization of your project, business, real estate, product or event. European Drone Hero 2017: Search and rescue Program: SALVATOR Skycan, Frans Coeckelbergastraat 25, 2220 Heist-op-den-Berg, Belgium

*info@skycan.be | 32 (0)478 56 34 79 | www.skycan.be*
Emergency Response & Security

Sparkle Tech Ltd
Sparkle Tech Ltd is one of the leading designers and manufacturers of industrial applications airframe for a decade. VTOL airframe platform is our core business which integrated turnkey system to deliver the comprehensive solution for clients. We strongly believe that our system is the most cost-effective solution to many existing and future professional airborne applications such as surveying, security, scientific exploration, searching and rescuing.
Sparkle Tech Ltd, Room 2113-2115, Landmark North, Sheung Shui, Hong Kong
info@sparkletech.hk | 852 93664231 | www.sparkletech.hk

Sunhillo Corporation
Sunhillo Corporation is an employee owned small business located in West Berlin, NJ. Sunhillo is a global leader in Surveillance and Flight Data Distribution and Conversion Systems. Sunhillo’s UAS offerings include our deployable Radar and ADS-B Monitoring Systems (RAMS) tactical kit and the UAS-Connector. The patented UAS-Connector converts positional data directly from the UAV ground control station into a standard radar or ADS-B message. This data can be sent to a situational awareness display systems or directly to ATC for BVLOS or controlled airspace operations.
Sunhillo Corporation, 444 Kelley drive, West Berlin, NJ 08091, United States
sales@sunhillo.com | 856-767-7676 | www.sunhillo.com

Unmanned Safety Institute
The Unmanned Safety Institute is a professional training organization for UAS operators and proponent organizations focused on improving safety in UAS operations through the adoption and modification of time-honored aviation safety and training practices.
Unmanned Safety Institute, 6021 S. Syracuse Way, Suite 302, Greenwood Village, CO 80111, United States
info@unmannedsafetyinstitute.org | 877-535-SAFE
www.unmannedsafetyinstitute.org

Unmanned Systems Source
Unmanned Systems Source is an online warehouse that supplies unmanned systems, components, subsystems, and services. With more than 30 years combined experience, our team has the insight to help power projects for commercial, governmental and public sectors, alike. Solution Engineers are available to answer questions and help with product and peripheral selections. Engineers also provide technical and integration support.
Unmanned Systems Source is positioned as a single source of supply and information where customers shop, compare and buy top-tier products from respected manufacturers at retail pricing or better.
Unmanned Systems Source, 2175 E. Valencia Rd. Suite 125, Tucson, AZ 85706, United States
info@shopunmanned.com | 520-620-9818 | shopunmanned.com
Insurance Inspection

4D Mapper Pty Ltd
4DMapper is changing the way people visualise, collaborate on, manage and deliver geospatial data. With its cloud-based geospatial data platform, 4DMapper makes massive amounts of geospatial data readily available, in 3D, on a browser without the need for any extra software or hardware. Data from UAVs, laser scanners, satellites and aerial mapping can be easily uploaded to the platform, streamed and managed via a rich and powerful browser-based interface satisfying the needs of both sophisticated and casual users. 4DMapper enables professionals and decision-makers to work collaboratively on a project, seeing each other’s work as it happens for real-time problem-solving.
4D Mapper Pty Ltd, Level 7, 34 Charles Street, Parramatta, NSW, 2150, Australia
contact@4dmapper.com | +61 2 9199 7435 | www.4dmapper.com

Phase One Industrial
The Ultimate Cameras for Aerial Imaging Applications. Phase One Industrial 50 and 100 MP camera systems, compatible with diverse aerial platforms, expand the operational capabilities of our customers. The ease of integration of Phase One 50 and 100 MP camera systems with varied drones’ solutions offer an easy and safe aerial access to challenging areas, a larger surface coverage in a single flight, a higher resolution images and an opportunity to acquire aerial data with a cost effective, and efficient tool for diverse high accuracy applications.
Phase One Industrial, 390 Interlocken Crescent, Suite 350, Broomfield, CO 80021, United States
industrial@phaseone.com | 303-379-2107 | www.phaseone.com
**Precision Agriculture**

**AGERpoint, Inc.**
Using data from laser and photometric sensors, AGERpoint’s analytic services create geolocated tree inventories with size, health and cultivar information for each plant, representing a comprehensive asset management system for permanent crops. AGERpoint’s files can also be used to drive automated equipment, as well as inform operational and financial decisions.

AGERpoint, Inc., 1674 Tonia Road, New Smyrna Beach, FL 32168, United States
sales@agerpoint.com | 321-236-6399 | www.agerpoint.com

**Agrowing**
Agrowing brings the world of remote sensing and data capture to your fingertips, by enabling Remote & Close narrow band multispectral sensing, though its high-resolution, <1% low distortion and yet affordable sensors. Agrowing’s patent pending technologies enable the acquisition of 8 and 10 Megapixels per channel multispectral imagery from 2m to infinity, using high quality optics. These sensors are game changers, compared to the existing solutions of 1.2 Megapixels and high distortion, which do not allow capturing multispectral imagery from close distance. Agrowing’s unique design, utilizes high-end Sony sensors, and provides the most detailed NDVI and Red-Edge maps, and enable machine-vision detection and identification of pests and diseases through 0.5mm per pixel resolution at low altitude. 3D modeling can be acquired in a single flight due to the low distortion of the lenses, and the innovative green-based continuous digital alignment of the color channels.

www.agrowing.com/contact | www.agrowing.com

**Ambar Group**
Ambar Group was Established to Present a Turn Key Solutions for Drone Users and to Upgrade the Existing Drones Usage World Wide. Ambar Group is Focusing on the new implementation of Drones Especially in the Professional Aerial Photography Both in Civil and Armed Forces Ambar Group Cooperated with Walkera Technology Co. Ltd partnering to optimize our All new LTE Drones Series and Establish Unique Professional Drones and Management Software. (Based on the unique Advantage of LTE in Various Fields. By Introducing the LTE Control Drones to Customers, Ambar Group managed to Customize Systems and Build Turnkey Solutions to : Civil Security, Departments, Police, Military Force, Farmers & Agriculture, Etc.

Ambar Group, 9 Mesada St., Bnei-Brak 5126237, 3 B.S.R Towers, 13th Floor, Israel
info@ambargrp.com | 972-7222131 | www.ambargrp.com

**Blue Skies Drone Rental**
Blue Skies Drone Rental is your one stop shop for UAV equipment rentals, new and used sales, aerial services, training and more. We own and maintain our own large and diverse rental fleet of the latest UAV platform and sensor technology. We have many options from fixed wing and multi-rotor platforms to sensors from high end optical, thermal/IR, multispectral and even LIDAR. When you are ready to buy we provide new and used purchase options as well as trade-ins. Equipment available to any US location via shipping and via local pickup from one of our various partners. No matter the industry we’ve got you covered - precision agriculture, professional cinematography, building inspection, land survey, energy, utility & power, public service, fire/security? Yeah, we’ve got a drone for that!

contact@blueskiesdronerental.com | 844-474-8833
www.blueskiesdronerental.com

**Harris Corporation**
Harris Geospatial Solutions has more than 30 years of experience developing scientifically proven solutions using cutting-edge technology. Today, organizations from across industries use our in-depth knowledge of advanced geospatial analytics, machine learning, and remotely sensed data to make better decisions.

Harris Corporation, 385 Interlocken Crescent, Suite 300, Broomfield, CO 80021, United States
geospatialinfo@harris.com | 303-786-9900 | www.harrisgeospatial.com

**MicaSense**
MicaSense is at the forefront of multispectral sensor development. We help agriculture specialists and companies make the right decisions for their fields through high quality data from our RedEdge sensor and informed analytics in Atlas.

MicaSense, 1300 N Northlake Way, Suite 100, Seattle, WA 98103, United States
sales@micasense.com | www.micasense.com

**Parrot Professional**
Parrot is covering the entire drone ecosystem from drones to sensors, including piloting and data processing software, as well as recommendations and services. “Parrot Professional” is a range of drone-based end-to-end solutions dedicated to small and medium businesses. These complete and multipurpose decision-making tools are built on Parrot’s consumer drones, which have already demonstrated their maneuverability, robustness and ease-of-piloting, and incorporate precision sensors and software for independents as well as small and medium businesses to use by themselves and start benefiting from the advanced capabilities developed for larger organizations.

Parrot Professional, 174 Quai de Jemmapes, 75010, Paris, France
sales.pine@parrot.com | 0033 (0)1 48 03 60 60

**Phasone Industrial**
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Phase One Industrial, 390 Interlocken Crescent, Suite 350, Broomfield, CO 80021, United States
industrial@phaseone.com | 303-379-2107 | www.phaseone.com

**Shandong Joyance Intelligence Technology**
Shandong Joyance Intelligence Technology Co., Ltd. is a high-tech enterprise, we have a professional R&D team, we have spent four years in researching and developing agricultural sprayer drones. We concentrate on commercial grade unmanned aerial vehicles and UAV application solutions. We have a registered capital of 60 million RMB, with a production capacity of 100 units of agriculture drones per month. Our mission is to make the drones that farmers desire.

Shandong Joyance Intelligence Technology, 19/F, 2321 BeiHai Rd, Weifang, Shandong 261061, China
sales@joyancetech.com | 86-536-2791566 | www.joyancetech.com
Process, Power & Utilities

Airwing Aviation Technology Co., LTD.
Established in 2009, the Company is an inventor of UAV electric power patrol, a formulator of relative standards and an inaugurator in UAV electric power patrol service industry. Having developed multiple patented technologies, the Company possesses overall industrial capacity of the fields from UAV design and manufacture to flight service, engaging in one-stop flight patrol service from UAV data acquisition to data post-analysis. Presently, its business covers 20 provinces/municipalities in China, ranking the first in market coverage. Airwing Aviation Technology Co., LTD., 2nd Floor, No. 16 Building, Dazu Qiyewan, No. 8, Liangshuihe 2nt ST., Daxing District, Beijing, 100176

Hazon Solutions
HAZON Solutions is the leading US developer of small UAV inspection service operations, capability development, training, drone safety and testing programs. HAZON provides subject matter expertise to ensure mission success through safe, effective and efficient operations. HAZON has deep roots in Naval Carrier aviation and intelligence systems. These unique backgrounds provide HAZON the experience and expertise to assist Fortune 1000 companies in the use of sUAV capabilities to increase drone safety and operational efficiencies.
Hazon Solutions, 545 S. Birdneck Road Suite 201B, Virginia Beach, VA 23451, United States
info@hazonsolutions.com | 757-962-9000 | www.hazonsolutions.com

Greene Rubber Co Inc
Greene Rubber Company is a manufacturer of custom engineered fabricated & molded rubber components including a standard line of shock and vibration isolators, thermally conductive and insulative gaskets and much more. With the introduction of our new lightweight/compact isolators we are heavily involved in the growing UAV/UAS market segment providing solutions specifically for NVH and thermal management issues. We will take any project from concept all the way through to production. Some of our premier material suppliers include 3M Adhesives, Rogers Corporation (PORON® Foams), Parker Chomerics, Parker Seal, St. Gobain and Panasonic PGS. ISO 9001 & AS9100 Registered.
Greene Rubber Co Inc, 20 Cross Street, Woburn, MA 01801, United States
marketing@greenerubber.com | 781-937-9909 | www.greenerubber.com

Lord Sensing MicroStrain
We make tiny sensors and systems that are used in a wide range of applications, including advanced manufacturing, off-highway vehicles, commercial and military manned and unmanned vehicles, civil structures, and down-hole tools. Our sensors have won numerous awards and we pride ourselves on being both innovative and responsive to our customer’s unique requirements.
LORD Sensing - Sales, 459 Hurricane Lane, Suite 102, Williston, VT 05495, United States
www.microstrain.com/contact-sales | 802-862-6629 | www.microstrain.com

North Dakota UAS Team
The North Dakota Department of Commerce leads the state’s efforts to attract, retain and expand economic wealth. Charged with coordinating and focusing the state’s economic development resources, the business development team works closely with national and local partners to accomplish that task.
North Dakota UAS Team, 1600 E. Century Ave., Suite 2, PO Box 2057, Bismarck, ND 58503, United States
701-328-5300 | www.business.nd.gov/aviation
www.business.nd.gov/about

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Process, Power & Utilities

NTT DATA Corporation
NTT DATA is your Innovation Partner anywhere around the world. Headquartered in Tokyo, with business operations in 42 countries, we provide premier professional services from consulting, system development to business IT outsourcing. For more than 40 years, NTT DATA has provided systems in the field of aviation. In 2017, NTT DATA launches flight operation system that enables simultaneous remote operation of multiple drones which will help improve the efficiency of work activities using drones, such as infrastructure inspections and disaster prevention activities.
info@airpalette.net | 81 50 5545 2289 | www.airpalette.net

Ontario Power Generation Inc.
Ontario Power Generation (OPG) is the largest and lowest-cost energy provider in Ontario (Canada) with over 16,000 MW of in-service capacity. We are committed to ensuring our energy production is reliable, safe and environmentally sustainable today and for the future. OPG has successfully deployed Unmanned Aerial Vehicles (UAVs) for safe and reliable high-resolution visual, infrared, and mapping applications. We welcome opportunities to leverage our UAV and inspection expertise to achieve significant safety and cost benefits for our Process, Power, & Utilities peers through our subsidiary Canadian Nuclear Partners.
Ontario Power Generation Inc., 700 University Ave., Toronto, ON MSG 1X6, Canada
imsinnovation@opg.com | www.opg.com | canadiannuclearpartners.com

U-Drone Robotics Australia
MCT-Telecoms Pty Ltd Australia Trading as U-Drone. MCT-Telecoms have been trading in Australia successfully since 2010 designing and manufacturing radio jamming highly specialised and reliable equipment for the military sector and certain Government departts including Police and Department of corrections.
U-Drone Robotics Australia, PO Box 13, Hoxton Park NSW 2171, Australia
info@u-drone.com.au | 61-2-87839169/91913150 | www.u-drone.com.au

Viper Drones
Viper Drones provides solutions utilizing Unmanned Aerial Systems (UAS) integrated with FLIR thermal imaging and optical gas imaging. Our systems have monitoring, workflow and inspection applications for the oil and gas industry, utilities, manufacturing, building diagnostics, law enforcement, recreation, and more. We offer complete UAS integrated with thermal and/or optical gas imaging technology. The philosophy of Viper Drones is to serve customers with solutions that will save lives, time and expense.
Viper Drones, 2402-A Valleydale Road, Birmingham, AL 35244, United States
sales@viper-drones.com | 866-542-7024 | www.viper-drones.com

Walkera
Established in 1994, Walkera Technology Co., Ltd. (WALKERA) has developed into a professional Aero-Model manufacturer that unifies product research & development, production, marketing, and customer service.
Walkera, Taishi Industrial Park, Dongchong, Town Nansha Dist, Guangzhou, China
sales@walkera.com | 86 2084915115 | www.walkera.com

Phase One Industrial
Phase One Industrial 50 and 100 MP camera systems, compatible with diverse aerial platforms, expand the operational capabilities of our customers. The ease of integration of Phase One 50 and 100 MP camera systems with varied drones’ solutions offer an easy and safe aerial access to challenging areas, a larger surface coverage in a single flight, a higher resolution images and an opportunity to acquire aerial data with a cost effective, and efficient tool for diverse high accuracy applications.
Phase One Industrial, 390 Interlocken Crescent, Suite 350, Broomfield, CO 80021, United States
industrial@phaseone.com | 303-379-2107 | www.phaseone.com

R4 Robotics Inc
In Underground Mining, SWAT team Locations and insides of Oil Tankers or over tree covered Utility poles. A totally different Caged Design and unparalleled superior CODFM Non-Line-of-Sight video Transmission technology are equally needed to get you into these places and the live video and data back to you. The R4Roller fly-rolls on the ground, along & up mine shafts, staircases, and walls. 20 minutes flying time, hours of transmission when perched.
R4 Robotics Inc, 666 Baldwin Ct., Birmingham, MI 48009, United States
info@robotandvision.com | 586-826-9595 | www.R4Robotics.com
Surveying & Mapping

4D Mapper Pty Ltd
4DMapper is changing the way people visualise, collaborate on, manage and deliver geospatial data. With its cloud-based geospatial data platform, 4DMapper makes massive amounts of geospatial data readily available, in 3D, on a browser without the need for any extra software or hardware. Data from UAVs, laser scanners, satellites and aerial mapping can be easily uploaded to the platform, streamed and managed via a rich and powerful browser-based interface satisfying the needs of both sophisticated and casual users. 4DMapper enables professionals and decision-makers to work collaboratively on a project, seeing each others’ work as it happens for real-time problem-solving.
4D Mapper Pty Ltd, Level 7, 34 Charles Street, Parramatta, NSW 2150, Australia
contact@4dmapper.com | +61 2 9199 7435 | www.4dmapper.com

Advanced Aerial Services
By using Unmanned Aerial Systems (UAS) for survey, inspection, photography and video, Advanced Aerial Services, LLC is committed to encouraging new-age innovation, development and creativity while providing superior service, increasing safety, lowering cost, improving quality and reducing environmental impact.
Advanced Aerial Services, LLC, PO Box 1483, Woodward, OK 73802, United States
info@AAAScontact.com | 580-571-1980 | www.advancedaerialservices.com

AirGon
AirGon LLC is the airborne metric mapping subsidiary of the GeoCue Group. AirGon is focused on creating an end-to-end solution for hyper-economical small unmanned aerial systems. Our expertise with stockpile volumetric calculations, site mapping and data distribution provides a unique solution for fast, accurate and affordable data collection, processing and delivery. As representatives of Pix4D and Agisoft, we offer multiple options for generating point clouds from ortho mosaics and our LP360 for sUAS software provides specific tools for creating mapping and volume products. AirGon’s Reckon, an Amazon Web Services hosted data management system, provides hosted analytic results.
Airgon, 9668 Madison Blvd., Suite 202, Madison, AL 35758, United States
sales@airgon.com | 256-461-8289 | www.airgon.com

AP Equipment Financing
AP Equipment Financing can provide financing for your single UAV or fleet along with the necessary payload to deliver the best result for your time in the air. We are providing financing to a wide spectrum of uses from survey and mapping, inspection, precision agriculture, insurance and construction management. Integrating a UAV into your business is a critical decision. Let AP Financing smooth the process of acquiring the right tool for the job! Looking for other equipment for your business? Ask your Rep if AP can help you with that as well.
AP Equipment Financing, 1550 Parkside Drive, Suite 240, Walnut Creek, CA 94596, United States
info@apfinancing.com | 888-998-6126
www.apfinancing.com/industries/uav

Applanix
Applanix has a simple mission - to be the industry leader in the development, manufacture, sales, and support of Mobile Mapping products and solutions. Our technology is specifically designed for commercial applications, including aerial survey and remote sensing, land-based mobile mapping, and marine survey operations – markets we helped pioneer.
Applanix, 85 Leek Crescent, Richmond Hill, ON, L4B 3B3, Canada
info@applanix.com | 289-695-6000 | www.applanix.com

BayesMap Solutions
BayesMap offers unique consulting and software development services for the LiDAR industry. We focus on data processing, providing efficient and accurate solutions to challenging problems such as point cloud registration, geometric correction and full waveform peak detection. We also help our clients extract a maximum of information from large and complex data sets.
BayesMap Solutions, LLC, 3109 Persimmon Circle, Pleasanton, CA 94588, United States
info@bayesmap.com | 650-485-0059 | www.bayesmap.com

Bentley Systems
Bentley Systems provides software and services for advancing infrastructure. Bentley’s reality modeling technology can quickly produce 3D models of existing conditions for infrastructure projects of all types, including scales as large as entire cities, derived from simple photographs and/or point cloud. Users can quickly create highly-detailed 3D engineering-ready reality meshes to provide precise real-world context for design, construction, and operations decisions throughout the lifecycle of projects. Project teams can easily and consistently share information for use in any engineering, operations, maintenance, or GIS workflow. For additional information, visit www.bentley.com/ContextCapture.
Bentley Systems, Incorporated, 685 Stockton Drive, Exton, PA 19341, United States
chintana.herrin@bentley.com | 610-458-5000 | www.bentley.com

BirdsEyeView Aerobotics
BirdsEyeView Aerobotics provides tightly integrated hardware and software solutions for the mapping & survey, agriculture, and other emerging drone markets. The company’s flagship product, the FireFLY6 PRO, is a long-range flying wing with powerful vertical takeoff and landing capabilities. The FireFLY6 PRO can be launched quickly from anywhere and lands accurately and softly, eliminating the crash-land pitfalls of fixed-wing platforms. Quick-release plug-n-play payloads also provide users with maximum flexibility to apply the technology across a variety of applications.
BirdsEyeView Aerobotics, 519 Main Street, Andover, NH 03216, United States
sales@birdseyeviewaero.com | www.birdseyeviewaero.com

Blue Marble Geographics
Trusted by thousands of GIS professionals around the world, Blue Marble Geographics is a leading developer of software products and services for geospatial data conversion and GIS. Pioneering work in geodetics and spatial data conversion quickly established this Maine-based company as a key player in the GIS software field. Today’s GIS professionals are turning to Blue Marble for Global Mapper, a low-cost, easy-to-use yet powerful GIS software tool. Blue Marble is known for coordinate conversion and file format expertise and is the developer of the Geographic Calculator, GeoCalc SDK, Global Mapper, LIDAR Module for Global Mapper and Global Mapper SDK.
Blue Marble Geographics 22 Carriage Lane, Hallowell, ME 04347, United States
info@bluemarblegeo.com | 207-622-4622 | www.bluemarblegeo.com
Surveying & Mapping

Blue Skies Drone Rental
Blue Skies Drone Rental is your one stop shop for UAV equipment rentals, new and used sales, aerial services, training and more. We own and maintain our own large and diverse rental fleet of the latest UAV platform and sensor technology. We have many options from fixed wing and multi-rotor platforms to sensors from high end optical, thermal/IR, multispectral and even LiDAR. When you are ready to buy we provide new and used purchase options as well as trade-ins. Equipment available to any US location via shipping and via local pickup from one of our various partners. No matter the industry we've got you covered - precision agriculture, professional cinematography, building inspection, land survey, energy, utility & power, public service, fire/security? Yeah, we've got a drone for that!

C-Astral Aerospace
C-ASTRAL is a global market leader with established reputation in fixed wing small long endurance (LR) UAS for surveying, remote sensing and ISR. C-ASTRAL’S customer base is diversified between the commercial operators, scientific users and government entities. C-ASTRAL systems are flying with six sovereign entities on border protection, force protection, fire control and ISR operations on four continents and with more than 100 operators and operators globally. The founders of C-ASTRAL have been active in aerospace since 1999 and have been pioneering integrated UAS solutions ahead of the market curve. C-ASTRAL systems are now flying over all continents, including extreme environments such as high altitude open-pit mines, deserts, mountains, Antarctica, over the Arctic and global agricultural lands. The new BRAMOR ppX UAS is our new long range, 3.5hr endurance surveying and remote sensing UAS with an array of modular sensors.

Cardinal Systems
The Vr Mapping geospatial products provide fast data collection for engineering mapping. In VrOne®, VrTwo, and VrThree, vector data are collected from photographs, LiDAR, and Point Clouds in 2D, 2.5D, and 3D stereo environments. Imagery and point data sets can be viewed separately and synchronously. Automatic tie point generation (VrAutoTie) and bundle adjustment (VrBundle) extend the capabilities of the aerial triangulation program (VrAlti) and VrUAS. Vr Mapping software can work with complicated geometries including UAS, oblique, high oblique, and close-range camera positions. A stand-alone camera calibration program is available to supplement the integration of UAS and other single lens cameras into workflow. VrOrtho offers an easy workflow. Orthophoto production is threaded and mosaic seam lines and balance are automatic. Mosaics are created directly from images. Mosaic boundaries are user defined and can be rotated. GeoTIFFs and world files are seamlessly compatible with ESRI software.

Cepton Technology
Cepton Technologies, Inc., a global provider of 3D sensing solutions for the automotive, industrial and mapping markets, manufactures LiDAR units that employ a unique micro-motion technique. This proprietary technology eliminates the need for large spinning parts, saving on weight and space. The company uses off-the-shelf materials in its automated manufacturing process, for quicker, more scalable production. Cepton’s LiDAR technology delivers unrivaled performance and resolution at low cost, to enable perception for the smart machines of tomorrow.

ComNav Technology
ComNav Technology Ltd. develops and manufactures such multi-constellation, multi-frequency GNSS engine boards and receivers for ultimate high precision positioning applications. ComNav is also the very first Chinese company to develop, design and produces combined GNSS (GPS and GLONASS) plus BeiDou and Galileo OEM board. Its technology already been used in lots of applications such as surveying, construction, machine control, agriculture, intelligent transportation, precise timing, deformation monitoring, unmanned system and so on. The solutions of land surveying, deformation monitoring and CORS are already proved in many countries. With a team dedicated for the GNSS technology, ComNav is trying its best to supply the reliable and competitive products to worldwide customers.

Field of View
We are a team of engineers committed to finding and developing the best solutions for drone-based mapping and surveying. Our GeoSnap systems provide hassle-free geotagging for Sony cameras, and as an official Pix4D and Agisoft reseller we can help you select the best photogrammetry software for your needs.

Flyability
Flyability is a Swiss company building safe drones for operating indoors, in complex and confined spaces, and in contact with people. By allowing drones to be used safely inside cities, buildings, and in contact with people, it enables new interactions and services with UAVs and solves the two most critical issues of one of the fastest growing industries: collision and injury risks. The company’s main market is in industrial inspection where it avoids sending people in dangerous and confined spaces for the inspection of Power Generation, Oil & Gas, Maritime, and Chemical infrastructures. It is also active in Search & Rescue and Public Security to assess emergency situations without putting human at risk.

FlyTech UAV
FlyTech UAV is a Polish company which provides advanced unmanned aerial systems for professionals in civilian markets including geodesy, agriculture, administration, surveillance, infrastructure monitoring and mining sectors. We offer comprehensive service, high quality hardware and software tools for increasing the productivity of drone users. We are working constantly to expand UAV functionalities with R&D projects. Our current aim is to integrate the latest advances in drone technology with data fusion and artificial intelligence modules that will ensure the highest levels of automation of routine inspection tasks related to the maintenance of power lines, railways, roads and bridges.

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GEM Systems Inc
Manufacture of Advanced Magnetometers
GEM Systems Inc, 135 Spy Court, Markam, ON L3R 5H6, Canada
mike.wilson@gemsys.ca | 905-752-2202 | www.gemsys.ca

Geodetics, Inc.
Geodetics offers a family of fully integrated LiDAR mapping products delivering the best price/performance value in the market.
2649 Ariane Drive, San Diego, CA 92117, United States
info@geodetics.com | 858-729-0872 | www.geodetics.com

GPS Networking, Inc.
A leader in the industry for over 20 years, GPS Networking, Inc., specializes in providing global positioning products and solutions that effectively distribute GPS/GNSS signal throughout both civilian and military sites and lets you bring the signal indoors for testing purposes. GPS Networking has the experience and expertise needed to provide reliable, quality solutions for every GPS transmission and reception problem. If you have an application that requires a custom engineered solution, please contact us for further information and support.
GPS Networking, Inc., 373 E. Industrial Blvd., Pueblo West, CO 81007, United States
sales@gpsnetworking.com | 800-346-3063 | www.gpsnetworking.com

Hitec Commercial Solutions
Hitec engineers have been defining, developing and advancing servo actuator technology for decades. From our IP-67 rated waterproof protection, wide voltage-range high resolution D-Series, our energy efficient, programmable circuitry to our unique synthetic composite gears, Hitec Commercial Solutions continues to push the boundaries of actuator engineering. Our diligent research has improved servo actuator strength, speed and efficiency for maximum performance and success. Additionally, our dedicated experience in radio control systems and aircraft development continues to make groundbreaking advancements in robotics and unmanned aerial sciences.
Hitec Commercial Solutions, Servo Actuator Engineering Reimagined
12115 Paine St. Poway, CA 92064, United States
suzannel@hitecrcd.com | 203-482-2893 | www.hiteccommercial.com

Inertial Sense
Inertial Sense produces the world’s smallest GPS aided Inertial Navigation Systems (GNSS-INS). Our product line includes Attitude Heading Reference Systems (uAHRS) and micro calibrated Inertial Measurement Units (uIMU), and micro GPS aided Inertial Navigation Systems (uINS). Our unique design is cost-effective for volume applications requiring precision navigation and motion sensing.
Inertial Sense, 72 North 720 East, Salem UT 84653, United States
info@inertialsense.com | 801-610-6771 | www.inertialsense.com

Infrastructure Mapping and Autonomy
IMA provides rapid mapping of infrastructure assets by leveraging technology developed for the autonomous vehicle mapping industry. Our machine learning and cloud processing technologies allow us to rapidly process LiDAR, conduct feature extraction, and produce GIS data sets including real-time change detection of assets at regional scales. Through our global relationship and our own technology portfolio IMA can provide the project management of data collection in addition to our mapping solutions. Our unique, online project creation and B2B services portal provides a one-stop shop for starting and approving new projects, pricing out feature extraction and data processing work, and monitoring project progression.
Infrastructure Mapping and Autonomy, 410, 505 8th Avenue SW, Calgary, Alberta, Canada, T2P 1G2
info@infrastructuremapping.com | 403-890-4979
www.infrastructuremapping.com

Juan B. Plaza Consulting Corp
Juan B. Plaza Consulting Corp. (JPBC) is a firm dedicated to helping individuals and organizations accelerate their deployment time for projects in the areas of General Aviation, Unmanned Aerial Systems (Drones), Aerial Photographmetry, Mapping/Cartography, Enterprise GIS, Fleet Management and Precision GNSS.
Juan B. Plaza Consulting Corp, 22314 Holcomb Pl, Boca Raton, FL 33428, United States
juan.plaza@advancedflightsupport.com | 561-617-5351
www.juanplazaconсалting.com

Laser Technology, Inc.
LTI is the industry leader in the design and manufacturing of innovative laser-based speed and distance measurement instruments including laser rangefinders, speed guns & sensors. We also specialize in tilt and compass sensors, allowing you to measure heights and azimuth bearings. Our products are being used worldwide for field data collection for Forestry, Construction, GIS & GPS Mapping, Mining, Utilities, Telecommunications and Natural Resource Management.
Laser Technology, Inc., 6912 South Quentin Street Centennial, CO 80112, United States
info@lasertech.com | 877-506-2584
www.lasertech.com/Information-Request.aspx

Leica Geosystems Inc.
A technology that is literally taking off, unmanned aircraft systems (UAS) are the future of industries as varied as surveying, mining, agriculture, public safety and construction. The reason is simple: the potential of UAS is unbounded. Leica Geosystems helps you capture that potential with the Aibot X6 and Dragon 50, two of the most innovative UAS designs in the world.
Leica Geosystems Inc. | 5051 Peachtree Corners Cir, Norcross, GA 30092, United States
bryan.baker@leicaus.com | 970-227-3417 | www.uis.leica-geosystems.us

LiDAR USA
We are an aggressive team of pioneers in geomatics searching for new, innovative, and affordable solutions. We build economical mobile mapping systems, that push technology to the edge using the latest tools for scanning, imaging, and navigation. Jeff Fagerman founded Fagerman Technologies and LiDARUSA in 1999. We provide solutions for GIS, surveying, civil engineering, agriculture, forensics, BIM, heritage mapping — all things 3D and beyond. We develop solutions for indoors and outdoors. We seek out ways to improve workflows using existing technology in an unconventional way.
LiDAR USA, 56 Gilchrist Road, Somerville, AL 35670, United States
info@lidarusa.com | 256-274-1616 | www.lidarusa.com

Lockheed Martin CDL Systems
Lockheed Martin CDL Systems specializes in the development and licensing of vehicle control station and analytics software for unmanned systems. Lockheed Martin CDL Systems has developed an open, standards-based, and commercial off-the-shelf software product that has been integrated into numerous unmanned vehicle platforms. The company’s products are designed on low-cost, interoperable, and open architecture systems to support government and civil applications around the world, with more than one million hours of operational use.
Lockheed Martin CDL Systems, 1525 Perimeter Parkway Suite 520, Huntsville, AL 35806, United States
We’ve got you in the global geospatial, design

EVENTS

expouav.com

COMMERCIAL UAV EXPO
AMERICAS
Oct. 24-26, 2017 | LAS VEGAS

North America’s leading trade show and conference for the commercial drone market.

expouav.com/europe

COMMERCIAL UAV EXPO
EUROPE
10-12 April 2018 | AMSTERDAM

The pan-European conference and expo focused on the commercial drone market.

lidarmap.org

International LiDAR Mapping Forum
Feb. 5-7, 2018 | DENVER

A technical conference and exhibition focused on LiDAR and emerging remote-sensing and data collection tools and technologies including Geiger Mode and Single Photon Counting.

spar3d.com/event

SPAR3D EXPO & CONFERENCE
June 5-7, 2018 | ANAHEIM, CA

The only vendor-neutral 3D technology event focused on 3D sensing, 3D processing and 3D visualization tools.

aecst.com

AEC ST explores the latest trends, best practices, emerging technologies, and new products to help design, construct, and manage projects smarter and to help make our built environment better.

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The only vendor-neutral 3D technology event focused on 3D sensing, 3D processing and 3D visualization tools.

Autodesk

AEC-ST explores the latest trends, best practices, emerging technologies, and new products to help design, construct, and manage projects smarter and to help make our built environment better!

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We've got you covered in the global geospatial, design & construction markets.

North America's leading trade show and conference for the commercial drone market.

Commercial UAV News quickly became a trusted source of news and information about the commercial drone industry. We report on the market's most important issues and help commercial UAV professionals make the best decisions for their business.

As the digital companion of the AEC Next event, AEC Next News is designed to provide readers with in-depth insights that are unavailable anywhere else. The site provides an innovative showcase of trends and topics that AEC professionals need to be aware of in order to help them navigate this ever evolving industry.

We've got you covered in the global geospatial, design & construction markets.
Surveying & Mapping

MAPIR
MAPIR offers compact, modular Kernel cameras capable of being combined into custom camera arrays. Common array forms include multi-spectral for precision agriculture and high resolution virtual frame setups for dense point cloud 3D models and orthomosaicics.

MAPIR, 7592 Metropolitan Drive, Suite 401, San Diego, CA 92108, United States
info@peauproductions.com | 877-949-1684 | www.mapir.camera

Orbit GT
Orbit Geospatial Technologies is world leader in solutions for exploiting Mobile, UAS and Aerial Mapping data in managing, viewing, extraction, publishing and embedding in workflows. Visit our booth for the best Mobile Mapping, Oblique and UAS Mapping software. Orbit GT is headquartered in Lokeren, Belgium and has over 35 representations worldwide.

Orbit GT, Scherpeputstraat 14, 9160 Lokeren, Belgium
sales@orbitgt.com | 0032/9334.57.57 | www.orbitgt.com

Oxford Technical Solutions Ltd.
OxTS designs and manufactures world-leading products combining the best of Inertial Navigation and GPS/GNSS. We focus on low-cost INS using MEMS gyros and precision accelerometers. Our Kalman filter extracts the maximum information from GNSS to deliver high-accuracy measurements and low drift rates. We are dedicated to designing simple-to-use products that deliver reliable results and we back it up with first-class support.

Oxford Technical Solutions Ltd., 77 Heyford Park, Upper Heyford, Oxfordshire, OX25 5HD, United Kingdom
www.oxts.com | 44 1869 814 250 | info@oxts.com

PCI Geomatics
PCI Geomatics, founded in 1982, is the developer of Geomatica® - a complete and integrated desktop software that features tools for remote sensing, digital photogrammetry, geospatial analysis, map production, mosaicking and more. Geomatica® software enables users to apply imagery in support of a wide range of applications such as the environment, agriculture, security and intelligence, defense, as well as in the oil and gas industries. PCI Geomatics is also the developer of the Geolinking Accelerator (GXL), an automated, high performance, Graphics Processor (GPU) system for processing terabytes of imagery data.

PCI Geomatics Corporate Headquarters - Markham, Ontario – Canada
PCI Geomatics, 400 490 Blvd St Joseph # 400, Gatineau, Quebec
info@pcigeomatics.com | 905-764-0614 | www.pcigeomatics.com

Phase One Industrial
The Ultimate Cameras for Aerial Imaging

Phase One Industrial 50 and 100 MP camera systems, compatible with diverse aerial platforms, expand the operational capabilities of our customers. The ease of integration of Phase One 50 and 100 MP camera systems with varied drones’ solutions offer an easy and safe aerial access to challenging areas, a larger surface coverage in a single flight, a higher resolution images and an opportunity to acquire aerial data with a cost effective, and efficient tool for diverse high accuracy applications.

Phase One Industrial, 390 Interlocken Crescent, Suite 350, Broomfield, CO 80021, United States
industrial@phaseone.com | 303-379-2107 | www.phaseone.com

Phoenix LIDAR Systems, LLC
Established in 2013 as Phoenix Aerial Systems, Phoenix LIDAR Systems strives to combine LiDAR scanning and UAV technologies into complete solutions for today’s generation of surveyors. We design and provide a system with a guaranteed return on investment – whether that is in terms of: on-location safety, speed, precision, quality and cost of data acquisition, as well as terrain and vehicle flexibility.

Phoenix LIDAR Systems, LLC | 10131 National Blvd, Los Angeles, CA 90034, United States
info@phoenixlidar.com | 323-577-3336 | www.phoenixlidar.com

Pix4D
Pix4D is a dynamic and rapidly expanding software company with headquarters in Lausanne, Switzerland, and local offices in San Francisco, Shanghai and Berlin. The company develops a line of end-to-end mapping solutions which convert images into georeferenced maps and models. Using advanced algorithms based on computer vision and photogrammetry, Pix4D offers survey-grade accuracy, as well as a unique bundle of desktop and cloud processing.

Pix4D, EPFL Innovation Park, Building F, 1015 Lausanne, Switzerland
info@pix4d.com | 41 21 552 0596 | www.pix4d.com

Pixoneer Gematics, Inc
Pixoneer Gematics has pioneered a software development library called ‘XDL for Drone’. ‘XDL is an abbreviation of ‘piXoneer Development Library’, and its primary application area is any drone applications using images. Most of the functions are still PC-based, however, we are doing our best to increase the number of embeddable functions, so that most of the process can be implemented on board. We invite you to visit our booth 733 to check out some demo applications of XDL such as mpec-TS encoder, MTI(Moving Target Indicator), and etc.

Pixoneer Gematics, Inc, 3-1 Doryeong-Dong, Yusung-Gu, Taejun 305-733, South Korea
info@pixoneer.co.kr | 042 862 8100 | www.pixoneer.co.kr

PrecisionHawk
PrecisionHawk is a leading provider of advanced commercial drone technologies. The company, founded in 2010, is privately held and located in Raleigh, NC and Toronto, Canada. PrecisionHawk’s client list of Fortune 500 companies and market-leading innovators spans 150 countries and the company has existing operations across six continents. PrecisionHawk is funded by leading venture capital firms and global technology investors including Intel Capital, Millennium Technology Value Partners, Verizon Ventures, a subsidiary of USAA, NTT Docomo Ventures, Yamaha Motor, DuPont and Indiana University. More information about PrecisionHawk can be found at www.precisionhawk.com or on Twitter @PrecisionHawk.

PrecisionHawk, 8601 Six Forks Rd, Ste 600 Raleigh, NC, United States
info@precisionhawk.com | 919-328-5326 | www.precisionhawk.com

Propeller Aero
Propeller enables drone operators and site personnel to map, measure, analyze, and share high resolution maps and inspections of heavy earthworks projects, construction sites, mines, quarries, landfills, and infrastructure. Accessible to anyone with a web browser and internet connection, Propeller’s Platform simplifies processing, visualization, and sharing of drone data. Propeller is also the creator of AeroPoints, the only ground control points designed specifically for use with UAV’s.

Propeller Aero, 2420 17th St, Denver, CO 80202, United States
hello@propeller.aero.com | 781-854-1032 | www.PropellerAero.com
Surveying & Mapping

Raster Foundry
As the cost and complexity of capturing timely, high-resolution imagery continues to drop, the volume of data now available to large enterprise companies has quickly exceeded their capacity to interpret it with traditional methodology. Raster Foundry makes it straightforward to train and deploy machine learning models on UAV imagery at scale, allowing analysts to focus only on the highest priority signals in the data. We help our customers realize the full potential of their investment in commercial drones by enabling them to build custom analytical tools with ease.

Raster Foundry, 990 Spring Garden Street, Philadelphia, PA 19123, United States
info@rasterfoundry.com | 267-563-8146 | www.rasterfoundry.com

RIEGL
RIEGL is an international leading provider of cutting edge technology in airborne, mobile, terrestrial, industrial and unmanned laser scanning solutions. RIEGL has been producing LIDAR systems commercially for almost 40 years and focuses on pulsed time-of-flight laser radar technology in multiple wavelengths. From the first inquiry, to purchase and integration of the system, as well as training and support, RIEGL maintains an outstanding history of reliability and support to their customers.

RIEGL, 7035 Grand National Drive, Orlando, FL 32819, United States
info@rieglusa.com | 407-248-9927 | www.rieglusa.com

SBG Systems
SBG Systems is a supplier of miniature, high performance, and innovative motion sensors. It offers a complete solution for mobile surveying applications, including a whole line of Inertial Navigation Systems, our brand-new INS/GNSS Post-Processing Software Qinetia, and many complementary services. SBG Systems sensors are ideal for unmanned vehicle control, payload stabilization, and data georeferencing.

SBG Systems North America, Inc., 5932 Bolsa Avenue, Suite #103, Huntington Beach, CA 92649, United States
sales.usa@sbg-systems.com | 657-845-1771 | www.sbg-systems.com

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. sensefly was founded in 2009 and quickly became the leader in mapping drones. The company is a commercial drone subsidiary of Parrot Group. For more information, go to www.sensefly.com.
senseFly, Route de Genève 38 (Z.1, Châtelard Sud), 1033 Cheseaux-Lausanne, Switzerland
info@sensefly.com | 41 21 552 04 40 | www.sensefly.com

Silicon Forest Electronics
Electronics manufacturing services, contract manufacturing of custom printed circuit board assemblies, electro-mechanical systems, and project management in support of aerial, water and ground-based unmanned systems. AS9100C certified, new product “design-for-manufacturability” support, full turnkey program management.

Silicon Forest Electronics, 6204 E. 18th St., Vancouver, WA 98661, United States
jay.schmidt@si-forest.com | 360-989-6730
www.siliconforestelectronics.com

SimActive
SimActive is the developer of Correlator3D™ software, a patented end-to-end photogrammetry solution for the generation of high-quality geospatial data from satellite and aerial imagery, including UAVs. Correlator3D™ performs aerial triangulation (AT) and produces dense digital surface models (DSM), digital terrain models (DTM), point clouds, orthomosaics and vectorized 3D features. Powered by GPU technology and multi-core CPUs, Correlator3D™ ensures matchless processing speed to support rapid production of large datasets. SimActive has been selling Correlator3D™ to leading mapping firms and government organizations around the world, offering cutting-edge photogrammetry software backed by exceptional customer support.

SimActive, 465 rue St-Jean, Suite 701, Montréal, QC, H2Y 2R6, Canada
sales@simactive.com | 514-288-2666 | www.simactive.com

Swift Analytics
The team at Swift Analytics utilizes sUAS (drones) and manned aircraft for remote sensing applications. These applications are but not limited to airborne LIDAR, traditional photogrammetric imagery, and spectral analysis. Our systems allow sub-centimeter imagery collection. Our pilots on staff are fully credentialed with FAA sUAS 333 exemptions. We are fully versed in traditional land surveying projects with over 20 years of experience. The core principles of real property boundary surveys still remain the backbone of our technical abilities. Additionally, our breadth of services include advanced technologies such as terrestrial high-definition surveying, and metrology.

Swift Analytics, Thousand Oaks, CA 91320, United States
info@swiftco.us | 805.208.0828 | www.swiftco.us

Technodigit
Technodigit is specialized in digitalization and 3D modelling, reverse engineering, surface reconstruction and control. We develop the 3DReshaper® technology to make 3D point cloud processing from measurement points. This unique point meshing knowledge allows point cloud treatment without any size limit and provides high quality models, accurate and light, even with poor quality measurements. This tool allows us to receive point clouds from all digitalization equipments and to treat them in a very short time.

Technodigit, Village Entreprise Saône Mont d’Or, Lot N°12B, 444 rue des jonchères, 69730 Genay, France
dresher.sales@hexagon.com | 33 4 78 69 62 40
www.3dreshaper.com

Terra Drone
We provide useful services using laser survey and photogrammetry through drone technology (UAV), and high-precision 3-dimensional drawings. We have worked on over 400 projects in domestic civil engineering surveys using drones. We have also developed UTM (UAV Traffic Management), a system that grasps real-time location information of unmanned aerial vehicles and supports the efficiency and safe flights of multiple drones.

Terra Drone, 150-0001, S 53-67, Jinguuame, Shibuya-Ku, Tokyo, Japan
info.en@terra-drone.co.jp | 61 0415 224 541 | www.terra-drone.net/en

TerraLoupe
TerraLoupe was founded on the premise that understanding accurate geos data could fundamentally improve decision making for businesses. We analyze aerial images by our proprietary machine learning algorithms, and provide object recognition to locate every piece of relevant information for our customers. Our AI algorithms work with all sorts of input data from RGB to Lidar.

TerraLoupe, 1335 Market Street, Suite 488, San Francisco, CA 94103, United States
info@terraloupe.com | www.terraloupe.com

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dresher.sales@hexagon.com | 33 4 78 69 62 40
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info.en@terra-drone.co.jp | 61 0415 224 541 | www.terra-drone.net/en

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TerraLoupe, 1335 Market Street, Suite 488, San Francisco, CA 94103, United States
info@terraloupe.com | www.terraloupe.com
Surveying & Mapping

Terrasolid
Terrasolid is the world leading software provider to process airborne, mobile and UAV LIDAR data and images. The Terrasolid applications provide versatile and capable tools for surveyors, civil engineers, designers, planners — for everyone who needs to process and utilize 3D LIDAR data and images. 
Terrasolid Ltd., Kanavaranta 7 B 28, 00160 Helsinki, Finland sales@terrasolid.com | 358 452 090 656

Topcon Positioning Systems, Inc. Meet Topcon at The Intersection of Infrastructure and Technology — where construction, surveying and engineering professionals find advantages and know-how to be at the forefront of technological innovation — to increase productivity and profitability — for growing infrastructure needs. Topcon provides advanced unmanned aerial system (UAS) mass data capture solutions that create greater efficiencies and accuracies such as the Sirius Pro, powered by Intel®, and Intel® Falcon™ 8+ Drone — Topcon Edition. The Sirius Pro Fixed-wing UAS eliminates the need for ground control points by combining RTK GNSS with precision timing technology for accurate mapping. The Intel® Falcon™ 8+ Drone rotary-wing UAS is designed for inspection and monitoring, and survey and mapping applications. With the ability to maneuver in small spaces, it excels in challenging environments. Topcon Positioning Group is focused on a mission to provide superior end-to-end solutions by integrating high-precision measurement technology, software and data
Topcon Positioning Systems, Inc., 7400 National Drive, Livermore, CA 94550, United States 925-245-8300 | www.topconpositioning.com

Trimble
Trimble solutions utilize the best performing GNSS, inertial, communications and cloud based technologies that fit a range of possible applications such as guidance, navigation and attitude determination. Leverage OEM modules to create your own attitude and positioning solutions or browse through our range of powerful ruggedized GNSS based multi-antenna heading and attitude products for a higher level of custom integration. Integrated Technologies
Trimble, 510 DeGuigne Drive, Sunnyvale, CA 94085, United States unmannedsupport@trimble.com | 408-481-8000 | www.trimble.com/unmanned

uGRIDD Corporation
uGRIDD is a web-based service provider that offers its customers geo-referencing for their infrastructure data. The website provides customers with a platform to share, show and find data. The web-site also provides useful time-saving tools to manipulate and process geo-referenced data.
uGRIDD Corporation, 211 W Wacker Drive, Suite 900C, Chicago, IL 60606, United States support@ugridd.com | 312-262-2500 | www.ugridd.com

Unifi Aerosolutions
With UNIFLI you can leverage the latest in technology to add an edge to your site evaluation business. UNIFLI was established in 2015 by Land Surveyors, for Land Surveyors to enable the power of drones to boost their operations and achieve sky high level of efficiency, with minimal interfaces and intervention. UNIFLI is the next generation of tools to Land Surveying.

Unify NV
The Unify Unmanned Traffic Management platform connects authorities with pilots to safely integrate drones into the airspace. Authorities can visualize and approve drone flights and manage no-fly zones in real-time. Drone pilots can manage their drones and they can plan and receive flight approvals in line with international and local regulation.
Unify NV, Luchthavenlei 7A, 2100 Antwerp, Belgium info@unify.aero | 32 446 01 00 | www.unify.aero

Unmanned Aerial Specialists
Unmanned Aerial Specialists has more than two decades of experience with sensors, drones, geospatial and related technologies. As an organic development from the survey industry, UAS understands the requirement for absolute precision and accuracy. This has led us to be innovators and leaders in the use of nascent technology. This innovation has led to strategic relationships with some of the most well-known names in government and industry.
sales@u-sp.com | 800-984-4003 | www.ua-sp.com

VectorNav Technologies
VectorNav Technologies specializes in manufacturing high-performance inertial navigation systems using the latest miniature MEMS sensor and GPS/GNSS technology. Since its founding in 2008, VectorNav has been providing customers worldwide access to high-quality, fully calibrated inertial sensors with advanced, aerospace-grade digital filtering technology, expanding the possibilities of today’s inertial navigation technology.
VectorNav Technologies, 10501 Markison Road, Dallas, TX 75238, United States maslikowski@vectornav.com | 512-722-3615 | www.vectornav.com

Virtual Surveyor nv
Virtual Surveyor is a software (pay-as-you-go) service that bridges the gap between drone datasets and CAD or GIS with almost no learning curve.
Land surveyors can apply workflows they already know in a fluent virtual environment built from the drone photogrammetry outputs. Surveyors can explore and edit the (virtual) terrain, place points and lines at meaningful locations, calculate volumes and create triangulations or contours for further use in CAD or GIS. Productivity tools help the land surveyor to efficiently execute these workflows.
Virtual Surveyor nv, Philippseit 5 Box 20, B-3001 Leuven, Belgium info@virtual-surveyor.com | 32 (16) 360 180 | www.virtual-surveyor.com

VirtualGrid
VirtualGrid is the developer of VRMesh, an advanced 3D point cloud and mesh processing software tool. VRMesh is recognized for its cutting-edge technologies and comprehensive workflows in point cloud classification, feature extraction, mesh generation, registration and measurement. It can automatically process any point clouds generated from laser scanning or from photogrammetry, and can be used in many fields such as land surveying, transportation, utilities, mine, construction, etc.
VirtualGrid, 1400 112th Ave SE, Suite 100, Bellevue, WA 98004, United States info@vrmesh.com | 425-679-6693 | www.vrmesh.com
Wingtra
The WingtraOne is a professional drone that simplifies mapping and surveying through easy and smart aerial data collection. Thanks to its unique design, the WingtraOne is as easy to use as an agile multicopter with the long range and speed of a high endurance fixed-wing airplane. Its smart navigation software, WingtraPilot, allows you to intuitively plan your survey flight. It can be customized with various high-end cameras to capture high-resolution aerial images to generate accurate orthomosaics and 3D models. The WingtraOne is equipped with the best components, giving you a professional drone that is particularly robust and efficient.
Wingtra AG c/o ETH WEH H, Weinbergstr. 35, 8092 Zürich, Switzerland
hello@wingtra.com | www.wingtra.com

YellowScan
YellowScan's commitment is to provide the most reliable all-integrated LiDAR systems along with an outstanding customer support for demanding UAV applications across the globe. It has developed the world’s lightest all-in-one LiDAR surveying solutions. Since 2012, the team’s dedication to fulfill high resolution, high quality survey requirements has fuelled research and development.
YellowScan, 1 chemin du Fescau, 34980 Montferrier-sur-Lez, France
contact@yellowscan.fr | 33 411 931 400 | www.yellowscan.fr
Vendors: Products
Components, Hardware and Software
Components

Cepton Technology
Cepton Technologies, Inc., a global provider of 3D sensing solutions for the automotive, industrial and mapping markets, manufactures LiDAR components and complete autonomous systems, such as Veronte Autopilot; all this with a high level of expertise in the control of unmanned platforms: fixed wing aircrafts, multicopters, hybrids, helicopters, surface vehicles (USV), blimps... This technology has been applied to the development of equipment for unmanned aircrafts and complete UAV / RPAS, being successfully installed in multiple projects.

Embention
Embention develops professional performance unmanned vehicle components and complete autonomous systems, such as Veronte Autopilot; all this with a high level of expertise in the control of unmanned platforms: fixed wing aircrafts, multicopters, hybrids, helicopters, surface vehicles (USV), blimps... This technology has been applied to the development of equipment for unmanned aircrafts and complete UAV / RPAS, being successfully installed in multiple projects.

Futera Corporation of America
In 1962, Futaba began producing radio control equipment as well as press die set components, establishing what still remains as two of the company’s primary divisions. This was followed by the development of mold base components and the more recent addition of VFD modules to complete the lineup of Futaba’s major products. Firmly embracing the principle of manufacturing each component in-house, Futaba creates everything from its own tools to its own manufacturing facilities.

Greene Rubber Co Inc
Greene Rubber Company is a manufacturer of custom engineered fabricated & molded rubber components including a standard line of shock and vibration isolators, thermally conductive and insulative gaskets and much more. With the introduction of our new lightweight/compact isolators we are heavily involved in the growing UAV/UAS market segment providing solutions specifically for NVH and thermal management issues. We will take any project from concept all the way through to production. Some of our premier material suppliers include 3M Adhesives, Rogers Corporation (Poron® Foams), Parker Chomerics, Parker Seals, St. Gobain and Panasonic

GPS Networking, Inc.
A leader in the industry for over 20 years, GPS Networking, Inc., specializes in providing global positioning products and solutions that effectively distribute GPS/GNSS signal throughout both civilian and military sites and let’s you bring the signal indoors for testing purposes. GPS Networking has the experience and expertise needed to provide reliable, quality solutions for every GPS transmission and reception problem. If you have an application that requires a custom engineered solution, please contact us for further information and support.

Inertial Sense
Inertial Sense produces the world’s smallest GPS aided Inertial Navigation Systems (GNSS-INS). Our product line includes Attitude Heading Reference Systems (uAHRS) and micro calibrated Inertial Measurement Units (uIMU), and micro GPS aided Inertial Navigation Systems (uINS). Our unique design is cost-effective for volume applications requiring precision navigation and motion sensing.

Components
Components

Laser Technology, Inc.
LTI is the industry leader in the design and manufacturing of innovative laser-based speed and distance measurement instruments including laser rangefinders, speed guns & sensors. We also specialize in tilt and compass sensors, allowing you to measure heights and azimuth bearings. Our products are being used worldwide for field data collection for Forestry, Construction, GIS & GPS Mapping, Mining, Utilities, Telecommunications and Natural Resource Management.

Laser Technology, Inc., 6912 South Quentin Street
Centennial, CO 80112, United States
info@lasertech.com | 877-696-2584
www.lasertech.com/Information-Request.aspx

Lord Sensing MicroStrain
We make tiny sensors and systems that are used in a wide range of applications, including advanced manufacturing, off-highway vehicles, commercial and military manned and unmanned vehicles, civil structures, and down-hole tools. Our sensors have won numerous awards and we pride ourselves on being both innovative and responsive to our customer’s unique requirements.
LORD Sensing - Sales, 459 Hurricane Lane, Suite 102, Williston, VT 05495, United States
www.microstrain.com/contact-sales | 802-862-6629 | www.microstrain.com

MAPiR
MAPiR offers compact, modular Kernel cameras capable of being combined into custom camera arrays. Common array forms include multi-spectral for precision agriculture and high resolution virtual frame setups for dense point cloud 3D models and orthomosaics.
MAPiR, 7592 Metropolitan Drive, Suite 401, San Diego, CA 92108, United States
info@peauproductions.com | 877-949-1684 | www.mapir.camera

MicroPilot
Started in 1994, with over 1,000 clients in over 85 countries, MicroPilot is the world leader in professional autopilots for UAVs and MAVs. MicroPilot is an ISO 9001 autopilot manufacturer which brings to market a sub 30 gram autopilot, triple redundant autopilot, and full-function general purpose autopilot. MicroPilot offers a family of lightweight UAV autopilots that can fly fixed-wing, transitional, helicopter, and multirotor UAVs. MicroPilot also provides complementary products such as the XTENDERmp SDK and trueHIL2.
MicroPilot, P.O. Box 720, 72067 Road 8E, Sturgeon Rd., Stony Mountain, Manitoba, R0C 3A0, Canada
info@micropilot.com | 204-818-0598 | www.micropilot.com

SightLine Applications
Founded in 2007, SightLine Applications is the market leader in onboard video processing for advanced camera systems. At SightLine, we believe experience matters and can proudly state that our processors have over a million flight hours. Our team is committed to constantly improving video performance. By integrating our key functions at the camera, we provide the low latency, fully digital video that is critical to multiple applications. We recognize that camera system integration is difficult, but using SightLine as your dedicated video processing team will make it seem easy.
SightLine Applications, 2828 SW Corbett Ave, Suite 216, Portland, OR 97201, United States
sales@sightlineapplications.com | 503-616 3063 | www.sightlineapplications.com

VectorNav Technologies
VectorNav Technologies specializes in manufacturing high-performance inertial navigation systems using the latest miniature MEMS sensor and GPS/GNSS technology. Since its founding in 2008, VectorNav has been providing customers worldwide access to high-quality, fully calibrated inertial sensors with advanced, aerospace-grade digital filtering technology, expanding the possibilities of today’s inertial navigation technology.
VectorNav Technologies, 10501 Markison Road, Dallas, TX 75238, United States
maslikowski@vectornav.com | 512-722-3615 | www.vectornav.com

Oxford Technical Solutions Ltd.
OXTS designs and manufactures world-leading products combining the best of Inertial Navigation and GPS/GNSS. We focus on low-cost INS using MEMS gyro and precision accelerometers. Our Kalman filter extracts the maximum information from GNSS to deliver high-accuracy measurements and low drift rates. We are dedicated to designing simple-to-use products that deliver reliable results and we back it up with first-class support.
Oxford Technical Solutions Ltd., 77 Heyford Park, Upper Heyford, Oxfordshire, OX25 5HD, United Kingdom
www.oxts.com | 44 1869 814 250 | info@oxts.com

SBG Systems
SBG Systems is a supplier of miniature, high-performance, and innovative motion sensors. It offers a complete solution for mobile surveying applications, including a whole line of Inertial Navigation Systems, our brand-new INS/GNSS Post-Processing Software Qinertia, and many complementary services. SBG Systems sensors are ideal for unmanned vehicle control, payload stabilization, and data georeferencing.
SBG Systems North America, Inc., 5932 Bolsa Avenue, Suite #103, Huntington Beach, CA 92649, United States
sales.United States@sbg-systems.com | 657-845-1771 | www.sbg-systems.com

Septentrio
Septentrio designs and manufactures high-precision OEM GNSS receivers and surveying/GIS equipment. Trusted by prominent dredging, UAV and agricultural companies and used by many others, Septentrio products are noted for providing a consistent, accurate and reliable GPS/GNSS positioning even in the world’s remotest regions. Contact our team today who will evaluate your needs and advise you on the best option. We’ll demonstrate to you how Septentrio’s superior positioning and build quality can benefit you and your team.
Septentrio, Suite 200, 23848 Hawthorne Blvd, Torrance, CA 90505, United States
310-541-8139 | www.septentrio.com

Laser Technology, Inc.
Laser Technology, Inc. specializes in providing precise laser rangefinders, speed guns & sensors. Their products are used in applications ranging from construction to forestry, ensuring accurate measurements and reliable data. The company is dedicated to innovative design and has received numerous awards for its work. For more information, visit their website at www.lasertech.com/Information-Request.aspx.
Hardware

AceCore
AceCore Technologies, while young, has a long history in the development of Unmanned Aerial Vehicles. AceCore Technologies is based in the Netherlands and started their business as end users to add value to a variety of cinema solutions for the creative industry. We started our company out of love for filming and flying with a team of dedicated professionals. With experts in film and more than 17 years in RC we found the perfect combination. We also realized that there wasn’t an airframe on the market that did everything our experts expected. We began working with top end suppliers and some military experts and after two years of pioneering and extensive testing we proudly launched a functional, safe and reliable UAV. The NEO is the perfect combination of beauty and function. Its all weather design, 19.8 lbs payload and carbon fiber frame are like nothing else on the market. With the NEO your possibilities are limitless. AceCore Technologies, Romeinenweg 86C, 5349 AL Oss, The Netherlands sales@acecoretechnologies.com | 31850170042 www.acecoretechnologies.com

Aeryon Labs
Aeryon Labs Inc. is the premier manufacturer of small Unmanned Aerial Systems (sUAS) which are at the center of major world events and international media stories. The company is the trusted partner of civil and military customers, resellers, and other commercial business partners around the globe. Field-tested and mission-proven, Aeryon sUAS set the standard for immediate aerial image and data gathering for a wide range of military, public safety and commercial applications.
Aeryon Labs, 575 Kumpf Drive, Waterloo, ON, N2V 1K3, Canada byeong@aeryon.com | 519-489-6726 | www.aeryon.com

Agrowing
Agrowing brings the world of remote sensing actionable data, by enabling Remote & Close narrow bands multispectral sensing, though its high-resolution, <1% low distortion and yet affordable sensors. Agrowing’s patent pending technologies enable the acquisition of 8 and 10 Megapixels per channel multispectral imagery from 2m to infinity, using high quality optics. These sensors are game changers, compared to the existing solutions of 1.2 Megapixels and high distortion, which do not allow capturing multispectral imagery from close distance. Agrowing’s unique design, utilizes high-end Sony sensors, and provides the most detailed NDVI and Red-Edge maps, and enable machine-vision detection and identification of pests and diseases through 0.5mm per pixel resolution at low altitude. 3D modeling can be acquired in a single flight due to the low distortion of the lenses, and the innovative green-based continuous digital alignment of the color channels.
www.agrowing.com/contact | www.agrowing.com

Airborne Innovations
Airborne Innovations is a supplier of advanced sub-miniature HD video + command and control links, such as the Microraptor HD, Picoradio and the Picoraptor series. Our new Picoradio OEM board is a tiny 40x40mm command and control / video capable / SBUS multi channel datalink. Picoraptor is a miniature 720p global shutter camera with integrated compression board, and both integrate with Picigradio to create miniature 5+ mile capable video/ command and control links.
Airborne Innovations, 13701 W. Jewell Ave., Suite #206, Lakewood, CO 80228, United States info@airborneinnovations.com | 720-515-3720 www.airborneinnovations.com

Airwing Aviation Technology Co., LTD.
Established in 2009, the Company is an inventor of UAV electric power patrol, a formulator of relative standards and an inaugurator in UAV electric power patrol service industry. Having developed multiple patented technologies, the Company possesses overall industrial capacity of the fields from UAV design and manufacture to flight service, engaging in one-stop flight patrol service from UAV data acquisition to data post-analysis. Presently, its business covers 20 provinces/municipalities in China, ranking the first in market coverage. Published in 2009, the Company is an inventor of UAV electric power patrol, a formulator of relative standards and an inaugurator in UAV electric power patrol service industry. Having developed multiple patented technologies, the Company possesses overall industrial capacity of the fields from UAV design and manufacture to flight service, engaging in one-stop flight patrol service from UAV data acquisition to data post-analysis. Presently, its business covers 20 provinces/municipalities in China, ranking the first in market coverage.
Airwing Aviation Technology Co., LTD., 2nd Floor, No. 16 Building, Dazu Qiyuan, No. 8, Liangshuihe Znt ST., Daxing District, Beijing, 100176 liuminchuan@airwing.ai | 86-186-1154-8668 | www.airwing.ai

BirdsEyeView Aerobotics
BirdsEyeView Aerobotics provides tightly integrated hardware and software solutions for the mapping & survey, agriculture, and oceanographic markets. The company’s flagship product, the FireFLY6 PRO, is a long-range flying wing with powerful vertical takeoff and landing capabilities. The FireFLY6 PRO can be launched quickly from anywhere and lands accurately and softly, eliminating the crash-land pitfalls of pure fixed-wing platforms. Quick-release plug-n-play payloads also provide users with maximum flexibility to apply the technology across a variety of applications.
BirdsEyeView Aerobotics, 519 Main Street, Andover, NH 03216, United States sales@birdseyeview.aero | www.birdseyeview.aero

C-Astral Aerospace
C-ASTRAL is a global market leader with established reputation in fixed wing small long endurance (LR) UAS for surveying, remote sensing and ISR. C-ASTRAL’s customer base is diversified between the commercial operators, scientific users and government entities. C-ASTRAL systems are flying with six sovereign entities on border protection, force protection, fire control and ISR operations on four continents and with more than 120 commercial and scientific operators globally. The founders of C-ASTRAL have been active in aerospace since 1999 and have been pioneering integrated UAS solutions ahead of the market curve. C-ASTRAL systems are now flying over all continents, including extreme environments such as high altitude open-pit mines, deserts, mountains, Antarctica, over the Arctic and global agricultural lands. The new BRAMOR ppX UAS is our new long range, 3.5hr endurance surveying and remote sensing UAS with an array of modular sensors.
C-Astral, Tovarniska cesta 26, 5270 Ajdovscina, Slovenia 386 5 85 00 840 | www.c-astral.com

Delair
DELAIR offers complete drone solutions that blend hardware, software, and services to unlock the power of aerial data and deliver insights for smarter decisions. Built on state-of-the-art technologies, our drone and data solutions adapt to specific imagery needs of heavy industrial users in Geospatial, Agriculture & Forestry, Power & Utilities, Security & Defense, Mines & Quarries, Oil & Gas, Railways & Roads as well as Emergency. The efficiencies and productivity gains enabled by unmanned mapping drones offer a critical advantage for emerging drone markets. The company's flagship product, the FireFLY6 PRO, is a long-range flying wing with powerful vertical takeoff and landing capabilities. The FireFLY6 PRO can be launched quickly from anywhere and lands accurately and softly, eliminating the crash-land pitfalls of pure fixed-wing platforms. Quick-release plug-n-play payloads also provide users with maximum flexibility to apply the technology across a variety of applications.
Delair, 676, Rue Max Planck – 31670 Labège – France contact@delair-tech.com | 33-5-8295 44 09 | www.delair.aero

Delair
DELAIR offers complete drone solutions that blend hardware, software, and services to unlock the power of aerial data and deliver insights for smarter decisions. Built on state-of-the-art technologies, our drone and data solutions adapt to specific imagery needs of heavy industrial users in Geospatial, Agriculture & Forestry, Power & Utilities, Security & Defense, Mines & Quarries, Oil & Gas, Railways & Roads as well as Emergency. The efficiencies and productivity gains enabled by unmanned mapping drones offer a critical advantage for emerging drone markets. The company's flagship product, the FireFLY6 PRO, is a long-range flying wing with powerful vertical takeoff and landing capabilities. The FireFLY6 PRO can be launched quickly from anywhere and lands accurately and softly, eliminating the crash-land pitfalls of pure fixed-wing platforms. Quick-release plug-n-play payloads also provide users with maximum flexibility to apply the technology across a variety of applications.
Delair, 676, Rue Max Planck – 31670 Labège – France contact@delair-tech.com | 33-5-8295 44 09 | www.delair.aero

LiiuminChuan
LiiuminChuan is a developer of Exclude TILU technology for the high altitude and long endurance fixed wing LiiuminChuan version of the Dione C2. Dione C2 is a fixed wing unmanned aerial vehicle (UAV) designed for high-altitude, long-endurance (HALE) applications. LiiuminChuan is a developer of Exclude TILU technology for the high altitude and long endurance fixed wing LiiuminChuan version of the Dione C2. Dione C2 is a fixed wing unmanned aerial vehicle (UAV) designed for high-altitude, long-endurance (HALE) applications.
LiiuminChuan, 6224 Venice Blvd, Los Angeles, CA 90034, United States cn@liiumin.chuan | www.liiumin.chuan
Hardware

Dynamic UAV Solutions
Dynamic UAV Solutions is an industry leading distributor in the commercial UAV space, specializing in the Mapping, Agricultural, Public Safety and Inspection markets in North America. Dynamic carries a broad line of UAV products, accessories and services and has the expertise to help its dealers navigate the complexity of the emerging UAV markets.

DroneNerds
Drone Nerds specializes in the supply of high-end drones for a variety of commercial, private, and recreational needs. A leading DJI-authorized service center, we’re able to deliver the highest quality drones at the highest quality service. Whether you require drones for aerial filming, videography, surveying, or anything else, we have the drones available to suit your needs. With an extensive product range as well as custom drone solutions available, we can help you choose the perfect product or our engineers can design one specifically for you! It’s all this and so much more that we are a leading name in the ever-growing drone industry, renowned as pioneers for our unique drones. Drone Nerds is also the largest distributor of drones in the US, boasting the largest inventory of drones in the nation.
DroneNerds, 20614 Biscayne Blvd., Aventura, FL 33180, United States alex@dronereds.com | brianN@dronereds.com 786-708-7807 | www.dronereds.com

Elistair
At Elistair, we design and manufacture tethered stations for civilian drones. Our mission is to bring efficiency and productivity to the UAV market, but above all to respond to each of our clients’ needs. Our innovative technology open a new field of applications for drones such as persistent aerial surveillance, continuous aerial broadcasting, complex industrial inspection or traffic monitoring. Elistair has won several awards and competitions in France and San Francisco and is one of the few French companies selected for European financial support under the Horizon 2020 program.
Elistair, 8 Rue Jean Elysée Dupuy, 69410 Champagne-au-Mont-d’Or, France contact@elistair.com | 33 (0)9 83 57 06 39 | www.elistair.com

Ewatt Aerospace
Established in 2010, EWATT Technology specializes in developing industrial-grade Unmanned Aerial Vehicles (UAVs) and implementing complete UAV solutions for industrial and security purposes. EWATT’s primary business activities include the Research, Design & Development and production of unmanned aircraft and payloads. EWATT has successfully applied for over 500 patents related to UAV embedded technologies. The company also provides a range of UAV services, including implementing complete UAV solutions which allow clients to conduct UAV missions and collect, process and analyze data from said missions. EWATT offers a full range of UAV aircraft including multi-rotors, fixed wings and helicopters. In addition, the company also offers a broad range of UAV payloads. These include in-house solutions such as long-range optical zoom cameras, infrared cameras, night vision systems and flame throwers, as well as integrated payloads from third-party suppliers including LIDARs, multi- & hyperspectral cameras, UV cameras.
Ewatt Aerospace, 21700 Copley Drive, Suite 183, Diamond Bar, CA 91765, United States mstinson@ewatt.us | 909-895-7311 | www.ewattuav.com

Field of View
We are a team of engineers committed to finding and developing the best solutions for drone-based mapping and surveying. Our GeoSnap systems provide hassle-free geotagging for Sony cameras, and as an official Pix4D and Agisoft reseller we can help you select the best photogrammetry software for your needs.
Field of View, 1854 NDSU Research Cir N, Fargo, ND 58102-5706, United States info@fieldofviewllc.com | 701-203-3757 | www.fieldofviewllc.com

Flyability
Flyability is a Swiss company building safe drones for operating indoors, in complex and confined spaces, and in contact with people. By allowing drones to be used safely inside cities, buildings, and in contact with people, it enables new interactions and services with UAVs and solves the two most critical issues of one of the fastest growing industries: collision and injury risks. The company’s main market is in industrial inspection where it avoids sending people in dangerous and confined spaces for the inspection of Power Generation, Oil & Gas, Maritime, and Chemical Infrastructures. It is also active in Search & Rescue and Public Security to assess emergency situations without putting humans at risk.
Flyability, Avenue de Sévelin 20, 1004 Lausanne, Switzerland sales@flyability.com | 0041 21 311 55 00 | www.flyability.com

FlyTech UAV
FlyTech UAV is a Polish company which provides advanced unmanned aerial systems for professionals in civilian markets including geodesy, agriculture, administration, surveillance, infrastructure monitoring and mining sectors. We offer comprehensive service, high quality hardware and software tools for increasing the productivity of drone users. We are working constantly to expand UAV functionalities with R&D projects. Our current aim is to integrate the latest advances in drone technology with data fusion and artificial intelligence modules that will ensure the highest levels of automation of routine inspection tasks related to the maintenance of power lines, railways, roads and bridge structures.
FlyTech UAV, Balicka 18A, Krakow, Poland sales@flytechuav.com | +49 690 446 591 | www.flytechuav.com

Griff Aviation
GRIFF Aviation’s UAS (Unmanned Aerial Systems) are designed and built to be the finest available. No other drone is comparable in terms of quality, performance or mission flexibility. With lifting capabilities that have redefined the industry, GRIFF Aviation’s UAS offer a completely new standard in fully customisable system and payload options. GRIFF Aviation: creators of UAS for the most demanding professional users.
Griff Aviation, Bakkedamsvegen 32, 6230 Sykkylven, Norway eu@griffaviation.com | 47 934 90 912 | www.griffaviation.com

Hitec Commercial Solutions
Hitec engineers have been defining, developing and advancing servo actuator technology for decades. From our IP-67 rated waterproof protection, wide voltage-range high resolution D-Series, our energy efficient, programmable circuitry to our unique synthetic composite gears, Hitec Commercial Solutions continues to push the boundaries of actuator engineering. Our diligent research has improved servo actuator strength, speed and efficiency for maximum performance and success. Additionally, our dedicated experience in radio control systems and aircraft development continues to make ground-breaking advancements in robotics and unmanned aerial sciences.
Hitec Commercial Solutions, Servo Actuator Engineering Reimagined 12115 Paine St. Poway, CA 92064, United States suzanne@hitecrd.com | 203-482-2893 | www.hitecno.com

Insitu
Insitu is an industry-leading provider of information for superior decision making. We design, develop and manufacture customized unmanned hardware, software and services solutions for our commercial, government and defense customers worldwide. Founded in 1994, Insitu is a wholly owned subsidiary of The Boeing Company.
Insitu, 118 East Columbus River Way, Bingen, WA 98605, United States insitu@insitu.com | 509-493-8600 | www.insitu.com
Hardware

JTT
Shenzhen JTT Technology Co., LTD(JTT), established in January 2015, is a high-tech company specialized in research, development and manufacture of UAV located in Shenzhen Nanshan i Park. Our philosophy are Symbiosis & Innovation. We provide cutting-edge technology and industrial UAV solutions. JTT integrated multi-rotor intelligent UAV are widely used in aerial surveillance, public security, search and rescue, environmental monitoring, agriculture, aerial photography and scientific investigation. Shenzhen JTT Technology Co., Ltd, 6F, AS Building, Nanshan i Park, No.1001 Xueyuan Avenue, Nanshan District, Shenzhen, Guangdong P.R.C. sales@jtuv.com | 86-755-86968648 | www.en.jttuv.com

Leica Geosystems Inc.
A technology that is literally taking off, unmanned aircraft systems (UAS) are the future of industries as varied as surveying, mining, agriculture, public safety and construction.

The reason is simple: the potential of UAS is unbounded. Leica Geosystems helps you capture that potential with the Aibot X6 and Dragon 50, two of the most innovative UAS designs in the world.

Leica Geosystems Inc. | 5051 Peachtree Corners Cir, Norcross, GA 30092, United States bryan.baker@leicaus.com | 970-227-3417 | www.uas.leica-geosystems.us

Microdrones
At Microdrones, our goal is always to empower you to deliver the best possible work while cutting costs, saving time, and completing projects more easily. Our mdMapper packages combine industry-leading UAVs with payloads that were specifically designed for industrial applications like surveying, mapping, inspection, construction, mining, volumetrics, and precision agriculture. These packages and kits provide complete solutions that include aircraft, sensors, accessories, custom mounts, and even an Android tablet app that makes it easy to plan, monitor, adjust, and analyze your missions anywhere. We’ve taken the guesswork out of the process so you are ensured a perfectly integrated aerial solution that performs flawlessly from start to finish.

Microdrones, 625 Bomber Drive, Rome, NY 13441, United States info@microdrones.com | 66-874-3566 | www.microdrones.com/en/home

Microhard Systems Inc.
With over 20 years’ experience, Microhard is a well-established, highly respected manufacturer of wireless communication and networking solutions associated with all types of Unmanned Vehicle Systems (UAVs, UGVs and USVs) for video, telemetry and real-time, mission-critical communication systems.

Microhard Systems Inc., 150 Country Hills Landing NW, Calgary, AB T3K 5R3, Canada jcatherwood@microhardcorp.com | 403-248-0028 www.microhardcorp.com

MicroMultiCopter Aero Technology Co., LTD
MMC has more than eight years’ experiences in development of industrial drones. Through an inventive and honest approach to its customers, products and team members, MMC provides ideal drone platform and excellent solutions. MMC drones offer extensive application enabling our clients to realize their full potentials while protecting the environment. Check out MMC drone solutions that are perfect for your business and let us show you what is above the sky and how you can push the envelope.

MicroMultiCopter Aero Technology Co., LTD, 17th. Han’s Laser Building, No. 9988 Shennan Ave., Shenzhen, PR China, info@mmcuav.com | 86 755 8607 4603 | www.mmcuav.com

Modus Robotics
Modus Robotics is an industrial robotics and data innovation company. We specialize in environmental and construction/infrastructure workflow advancement. The San Diego-based firm helps corporations and their service providers integrate UAVs (aka, “drones”) technology into their industries.

Modus Robotics, 1115 Camino Del Mar #109, Del Mar, CA 92014, United States info@modusrobotics.com | 858-366-6996 | www.modusrobotics.com

NASA Technology Transfer Program
Whether putting rovers on Mars or sustaining life in extreme conditions, NASA develops technologies to solve some of the most difficult challenges ever faced. Through our Technology Transfer Program, or T2, we are bringing these same technologies down to Earth so that they can be applied to solving real-life problems. We offer an extensive patent portfolio of innovations available for licensing, as well as hundreds of free codes available for release through our Software Catalog. T2 ensures that the nation’s investments in space exploration and aeronautics lead to secondary applications that benefit the economy, create jobs, and improve the quality of everyday life.

NASA Technology Transfer Program, NASA Marshall Space Flight Center Mail Code: ST22 NASA/MSFC Huntsville, AL 35812, United States paul.hale@nasa.gov | 256-544-3600 | wwwotechnology.nasa.gov

Parrot Professional
Parrot is covering the entire drone ecosystem from drones to sensors, including piloting and data processing software, as well as recommendations and services. “Parrot Professional” is a range of drone-based end-to-end solutions dedicated to small and medium businesses. These complete and multipurpose decision-making tools are built on Parrot’s consumer drones, which have already demonstrated their maneuverability, robustness and ease-of-piloting, and incorporate precision sensors and software for independents as well as small and medium businesses to use by themselves and start benefiting from the advanced capabilities developed for larger organizations.

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Phase One
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Phoenix LiDAR Systems LLC
Established in 2013 as Phoenix Aerial Systems, Phoenix LiDAR Systems strives to combine LiDAR scanning and UAV technologies into complete solutions for today’s generation of surveyors. We design and provide a system with a guaranteed return on investment – whether that is in terms of: on-location safety, speed, precision, quality and cost of data acquisition, as well as terrain and vehicle flexibility.

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After a decade of research and development, Pulse Aerospace is leading the charge in ushering in a new age of unmanned aircraft systems. The Vapor combines the world's most advanced autopilot with a PAA-compliant unmanned helicopter for commercial, research and security applications. Pulse Aerospace’s Vapor delivers up to one hour of flight time on a single battery charge and enhanced flight stability over any other electric UAV helicopter on the market. Pulse Aerospace, LLC, 450 N Iowa St. Ste A1, Lawrence, KS 66044, United States
contact@pulseaero.com | 785-380-7209 | www.pulseaero.com

**RIEGL**
RIEGL is an international leading provider of cutting edge technology in airborne, mobile, terrestrial, industrial and unmanned laser scanning solutions. RIEGL has been producing LiDAR systems commercially for almost 40 years and focuses on pulsed time-of-flight laser radar technology in multiple wavelengths. From the first inquiry, to purchase and integration of the system, as well as training and support, RIEGL maintains an out-standing history of reliability and support to their customers. RIEGL, 7035 Grand National Drive, Orlando, FL 32819, United States
info@rieglusa.com | 407-248-9927 | www.rieglusa.com

**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. senseFly was founded in 2009 and quickly became the leader in mapping drones. The company is a commercial drone subsidiary of Parrot Group. For more information, go to www.sensefly.com.
senseFly, Route de Genève 38 (Z.I. Châtelard Sud), 1033 Cheseaux-sur-Lausanne, Switzerland
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Septentrio designs and manufactures high-precision OEM GNSS receivers and surveying/GIS equipment. Trusted by prominent dredging, UAV and agricultural companies and used by many others, Septentrio products are noted for providing a consistent, accurate and reliable GPS/GNSS positioning even in the world’s remotest regions. Contact our team today who will evaluate your needs and advise you on the best option. We’ll demonstrate to you how Septentrio’s superior positioning and build quality can benefit you and your team. Septentrio, Suite 200, 23848 Hawthorne Blvd, Torrance, CA 90505, United States
310-541-8139 | www.septentrio.com

**Shandong Joyance Intelligence Technology**
Shandong Joyance Intelligence Technology Co., Ltd. is a high-tech enterprise, we have a professional R&D team, we have spent four years in researching and developing agricultural sprayer drones. We concentrate on commercial grade unmanned aerial vehicles and UAV application solutions. We have a registered capital of 60 million RMB, with a production capacity of 100 units of agriculture drones per month. Our mission is to make the drones that farmers desire. Shandong Joyance Intelligence Technology, 19/F, 2321 Beihai Rd, Weifang, Shandong 261061, China
sales@joyancetech.com | 86-536-2791566 | www.joyancetech.com

**Sparkle Tech Ltd**
Sparkle Tech Ltd is one of the leading designers and manufacturers of industrial applications airframe for a decade. VTOL airframe platform is our core business which integrated turnkey system to deliver the comprehensive solution for clients. We strongly believe that our system is the most cost-effective solution to many existing and future professional airborne applications such as surveying, security, scientific exploration, searching and rescuing. Sparkle Tech Ltd, Room 2113-2115, Landmark North, Sheung Shui, Hong Kong
info@sparkletech.hk | 852 93664231 | www.sparkletech.hk

**Sunhill Corporation**
Sunhill Corporation is an employee owned small business located in West Berlin, NJ. Sunhill is a global leader in Surveillance and Flight Data Distribution and Conversion Systems. Sunhill’s UAS offerings include our deployable Radar and ADS-B Monitoring Systems (RAMS) tactical kit and the UAS-Connector. The patented UAS-Connector converts positional data directly from the UAV ground control station into a standard radar or ADS-B message. This data can be sent to a situational awareness display systems or directly to ATC for BVLOS or controlled airspace operations. Sunhill Corporation, 444 Kelley drive, West Berlin, NJ 08091, United States
sales@sunhillo.com | 856-767-7676 | www.sunhillo.com

**Topcon Positioning Systems, Inc.**
Meet Topcon at The Intersection of Infrastructure and Technology — where construction, surveying and engineering professionals find advantages and know-how to be at the forefront of technological innovation — to increase productivity and profitability — for growing infrastructure needs. Topcon provides advanced unmanned aerial system (UAS) mass data capture solutions that create greater efficiencies and accuracies such as the Sirius Pro, powered by Intel®, and Intel® Falcon™ 8+ Drone – Topcon Edition. The Sirius Pro fixed-wing UAS eliminates the need for ground control points by combining RTK GNSS with precision timing technology for accurate mapping. The Intel® Falcon™ 8+ Drone rotary-wing UAS is designed for inspection and monitoring, and survey and mapping applications. With the ability to maneuver in small spaces, it excels in challenging environments. Topcon Positioning Group is focused on a mission to provide superior end-to-end solutions by integrating high-precision measurement technology, software and data.
Topcon Positioning Systems, Inc., 7400 National Drive Livermore, CA 94550, United States
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Aerial surveys always proved to be a costly and low dynamic. The arrival of the drone has changed all of that. SKYCAN, with ‘two feet on the ground’, gives you a sharp visualization of your project, business, real estate, product or event. European Drone Hero 2017: Search and rescue Program: SALVATOR Skycan, Frans Coeckelbergsstraat 25, 2220 Heist-op-den-Berg, Belgium
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Hardware

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unmanned@trimble.com | 408-481-8000 | www.trimble.com/unmanned

**U-Drone Robotics Australia**
MCT-Telecoms PTY LTD Australia Trading as U-Drone. MCT-Telecoms have been trading in Australia successfully since 2010 designing and manufacturing radio jamming highly specialised and reliable equipment for the military sector and certain Government departs including Police and Department of corrections.
U-Drone Robotics Australia, PO Box 13, Hoxton Park NSW 2171, Australia
info@u-drone.com.au | 61-2-87839169/91913150 | www.u-drone.com.au

**Unmanned Systems Source**
Unmanned Systems Source is an online warehouse that supplies unmanned systems, components, subsystems, and services. With more than 30 years combined experience, our team has the insight to help power projects for commercial, governmental and public sectors, alike. Solution Engineers are available to answer questions and help with product and peripheral selections. Engineers also provide technical and integration support. Unmanned Systems Source is positioned as a single source of supply and information where customers shop, compare and buy top-tier products from respected manufacturers at retail pricing or better.
Unmanned Systems Source, 2175 E. Valencia Rd. Suite 125, Tucson, AZ 85706, United States
info@shopunmanned.com | 520-620-9818 | shopunmanned.com

**Walkera**
Established in 1994, Walkera Technology Co., Ltd. (WALKERA) has developed into a professional Aero-Model manufacturer that unifies product research & development, production, marketing, and customer service.
Walkera, Taishi Industrial Park, Dongchong, Town Nansha Dist, Guangzhou, China
sales@walkera.com | 86 2084915115 | www.walkera.com

**WiBotic Inc.**
WiBotic provides wireless power solutions for the rapidly growing ecosystem of aerial, mobile and aquatic robots. Its wireless power solutions help companies optimize their entire robot/drone fleet and are an integral component of a larger, powerful and autonomous system of robots. WiBotic is already working with companies in a variety of industries.
WiBotic Inc., 4545 Roosevelt Way NE - Suite 400, Seattle, WA 98105, United States
info@wibotic.com | 650-265-7987 | www.wibotic.com

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The WingtraOne is a professional drone that simplifies mapping and surveying through easy and smart aerial data collection. Thanks to its unique design, the WingtraOne is as easy to use as an agile multicopter with the long range and speed of a high endurance fixed-wing airplane. Its smart navigation software, WingtraPilot, allows you to intuitively plan your survey flight. It can be customized with various high-end cameras to capture high-resolution aerial images to generate accurate orthomosaics and 3D models. The WingtraOne is equipped with the best components, giving you a professional drone that is particularly robust and efficient.
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YellowScan’s commitment is to provide the most reliable all-integrated LiDAR systems along with an outstanding customer support for demanding UAV applications across the globe. It has developed the world’s lightest all-in-one LiDAR surveying solutions. Since 2012, the team’s dedication to fulfill high resolution, high quality survey requirements has fuelled research and development.
YellowScan, 1 chemin du Fescau 34980 Montferrier-sur-Lez, France
contact@yellowscan.fr | 33 411 931 400 | www.yellowscan.fr
Software

4D Mapper Pty Ltd
4DMapper is changing the way people visualise, collaborate on, manage and deliver geospatial data. With its cloud-based geospatial data platform, 4DMapper makes massive amounts of geospatial data readily available, in 3D, on a browser without the need for any extra software or hardware. Data from UAVs, laser scanners, satellites and aerial mapping can be easily uploaded to the platform, streamed and managed via a rich and powerful browser-based interface satisfying the needs of both sophisticated and casual users. 4DMapper enables professionals and decision-makers to work collaboratively on a project, seeing each others’ work as it happens for real-time problem-solving.

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AirGon LLC is the airborne metric mapping subsidiary of the GeoCue Group. AirGon is focused on creating an end-to-end solution for hyper-economical small unmanned aerial systems. Our expertise with stockpile volumetric calculations, site mapping and data distribution provides a unique solution for fast, accurate and affordable data collection, processing and delivery. As representatives of Pix4D and Agisoft, we offer multiple options for generating point clouds from ortho mosaics and our LP360 for uAS software provides specific tools for creating mapping and volume products. AirGon’s Reckon, an Amazon Web Services hosted data management system, provides hosted analytic results.

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ALX Systems
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info@alxsys.com | sales@alxsys.com | 32 473 52 30 20 | www.alxsys.com

Ambar Group
Ambar Group was Established to Present a Turn Key Solutions for Drone Users and to Upgrade the Existing Drones Usage World Wide. Ambar Group is Focusing on the new implementation of Drones Especially in the Professional Aerial Photography Both in Civil and Armed Forces Ambar Group Cooperated with Walkera Technology Co. Ltd partnering to optimize our All new LTE Drones Series and Establish Unique Professional Drones and Management Software (Based on the unique Advantage of LTE) in Various Fields. By Introducing the LTE Control Drones to Customers, Ambar Group managed to Customize Systems and Build Turnkey Solutions to : Civil Security, Departments, Police, Military Force, Farmers & Agriculture, etc.

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Bentley Systems
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Bentley Systems, Incorporated, 685 Stockton Drive, Exton, PA 19341, United States
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Blue Marble Geographics
Trusted by the United States of GIS professionals around the world, Blue Marble Geographics is a leading developer of software products and services for geospatial data conversion and GIS. Pioneering work in geomatics and spatial data conversion quickly established this Maine-based company as a key player in the GIS software field. Today’s GIS professionals are turning to Blue Marble for Global Mapper, a low-cost, easy-to-use yet powerful GIS software tool. Blue Marble is known for coordinate conversion and file format expertise and is the developer of the Geographic Calculator, GeoCalc SDK, Global Mapper, LiDAR Module for Global Mapper and Global Mapper SDK.

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Cardinal Systems
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Cardinal Systems, 701 N. Oceanshore Blvd, Flagler Beach, FL 32136, United States
info@cardinalsystems.net | 386-439-2525 | www.cardinalsystems.net

DroneDeploy
DroneDeploy is the leading cloud platform for commercial drones. Anyone can use DroneDeploy to collect, analyze, and share drone data. With automated flight, scalable data processing, and an intuitive interface, DroneDeploy delivers real-time maps and analytics on any device. Robust data storage and proprietary image processing form the platform’s backbone, enabling leaders in construction, agriculture, mining, and insurance to get more value from aerial imagery and drone data. The platform also features the industry’s largest app marketplace—inclusive of best-in-class applications and open APIs for custom integrations—that seamlessly integrate DroneDeploy into existing workflows.

DroneDeploy, 1045 Bryant Street, San Francisco, CA 94103, United States
hello@dronedeploy.com | 507-593-7663 | www.dronedeploy.com
**Software**

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Harris Corporation, 385 Interlocken Crescent, Suite 300, Broomfield, CO 80021, United States
geospatialinfo@harris.com | 303-786-9900 | www.harrisgeospatial.com

**Leica Geosystems Inc.**
A technology that is literally taking off, unmanned aircraft systems (UAS) are the future of industries as varied as surveying, mining, agriculture, public safety and construction. The reason is simple: the potential of UAS is unbounded. Leica Geosystems helps you capture that potential with the Aibot X6 and Dragon 50, two of the most innovative UAS designs in the world.

Leica Geosystems Inc. | 5551 Peachtree Corners Cir, Norcross, GA 30092, United States
bryan.baker@leicaus.com | 970-227-3417 | www.leica-geosystems.us

**Little Arms Studios**
Little Arms Studios is a software development company specializing in the creation and customization of drone simulation software, game production, mobile applications, UI/UX (User Interface and User Experience) designs, and website development and design. Little Arms Studios has developed Zephyr, a drone training simulator that is uniquely designed for drone training and education. Zephyr is a one of a kind system that provides commercial operators with the skills they need to be successful sUAS pilots. Institutions can effectively use our proprietary learning management system (LMS) to track students’ progress through the institution’s curriculum.

Little Arms Studios | 9145 Centreville Rd., Manassas, VA 21101, United States
sales@littlearms.com | 571-719-6031 | www.zephyr-sim.com

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Lockheed Martin CDL Systems specializes in the development and licensing of vehicle control station and analytics software for unmanned systems. Lockheed Martin CDL Systems has developed an open, standards-based, and commercial-off-the-shelf software product that has been integrated into numerous unmanned vehicle platforms. The company’s products are designed on low-cost, interoperable, and open architecture systems to support government and civil applications around the world, with more than one million hours of operational use.

Lockheed Martin CDL Systems, 1525 Perimeter Parkway Suite 520, Huntsville, AL 35806, United States

**Lockheed Martin Skunk Works**
The Skunk Works of today is focused on the critical aircraft for tomorrow. Advanced technology solutions for manned and unmanned systems draw on our world-class capabilities in conceptual design, systems engineering and integration, complex project management, software development and rapid prototyping. These core capabilities tie to the foundation of the Skunk Works where founder Kelly Johnson’s mantra, “quick, quiet and quality,” guides each and every project from concept to flight.

Lockheed Martin Skunk Works, 1011 Lockheed Way, M/Z 1109, Palmdale, CA 93599, United States
dave.chen@lmco.com | 661-606-7103
www.lockheedmartin.com/us/aeronautics/skunkworks.html

**MicaSense**
MicaSense is at the forefront of multispectral sensor development. We help agriculture specialists and companies make the right decisions for their fields through high quality data from our RedEdge sensor and informed analytics in Atlas.

MicaSense, 1300 N Northlake Way, Suite 100, Seattle, WA 98103, United States
sales@micasense.com | www.micasense.com

**MicroPilot**
Started in 1994, with over 1,000 clients in over 85 countries, MicroPilot is the world leader in professional autopilots for UAVs and MAVs. MicroPilot is an ISO 9001 autopilot manufacturer which brings to market a sub 30 gram autopilot, triple redundant autopilot, and full-function general purpose autopilot. MicroPilot offers a family of lightweight UAV autopilots that can fly fixed-wing, transitional, helicopter, and multirotor UAVs. MicroPilot also provides complementary products such as the XTENDERmp SDK and trueHWIL2.

MicroPilot, P.O. Box 720, 72067 Road 8E, Stony Mountain, MB R0C 3A0, Canada
info@micropilot.com | 204-818-0598 | www.micropilot.com

**Modus Robotics**
Modus Robotics is an industrial robotics and data innovation company. We specialize in environmental and construction/infrastructure workflow advancement. The San Diego-based firm helps corporations and their service providers integrate UAS (aka, “drones”) technology into their industries.

Modus Robotics, 1115 Camino Del Mar #109, Del Mar, CA 92014, United States
info@modusrobotics.com | 858-366-6996 | www.modusrobotics.com

**NASA Technology Transfer Program**
Whether putting rovers on Mars or sustaining life in extreme conditions, NASA develops technologies to solve some of the most difficult challenges ever faced. Through our Technology Transfer Program, or T2, we are bringing these same technologies down to Earth so that they can be applied to solving real-life problems. We offer an extensive patent portfolio of innovations available for licensing, as well as hundreds of free codes available for release through our Software Catalog. T2 ensures that the nation’s investments in space exploration and aeronautics lead to secondary applications that benefit the economy, create jobs, and improve the quality of everyday life.

NASA Technology Transfer Program, NASA Marshall Space Flight Center Mail Code: ST22 NASA/MSFC Huntsville, AL 35812, United States
paul.hale@nasa.gov | 256-544-5608 | www.technology.nasa.gov

**NTT DATA Corporation**
NTT DATA is your Innovation Partner anywhere around the world. Headquartered in Tokyo, with business operations in 42 countries, we provide premier professional services from consulting, system development to business IT outsourcing. For more than 40 years, NTT DATA has provided systems in the field of aviation. In 2017, NTT DATA launches flight operation system that enables simultaneous remote operation of multiple drones which will help improve the efficiency of work activities using drones, such as infrastructure inspections and disaster prevention activities.

info@airpalette.net | 81 50 5546 2289 | www.airpalette.net/utm

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Software

Optelos
Optelos is the leading provider of secure drone data management and AI analytics software. We bring together the best of Workflow, Multimedia, and AI Analytics for Drone Operators and Enterprises to share data with clients. Our cloud-based platform allows Drone Service Providers and End-Users the ability to securely store, visualize, analyze and share any of their multi-media products, to enable key business decision making. Optelos’ Computer Learning (AI) solution saves clients & stakeholders on average up to 65% on project time.

Optelos, 15605 Ranch Road 620N, Austin, TX 78717, United States
info@optelos.com | 512.501.8944 | www.optelos.com

PCI Geomatics
PCI Geomatics, founded in 1982, is the developer of Geomatica® - a complete and integrated desktop software that features tools for remote sensing, digital photogrammetry, geospatial analysis, map production, mosaicking and more. Geomatica® software enables users to apply imagery in support of a wide range of applications such as the environment, agriculture, security and intelligence, defense, as well as in the oil and gas industries. PCI Geomatics is also the developer of the Geospatial Accelerator (GXL), an automated, high performance, Graphics Processor (GPU) system for processing terabytes of imagery data.

PCI Geomatics Corporate Headquarters - Markham, Ontario – Canada
PCI Geomatics, 400 490 Blvd St Joseph #400, Gatineau, Quebec
info@pcigeomatics.com | 905-764-0614 | www.pcigeomatics.com

Pix4D
Pix4D is a dynamic and rapidly expanding software company with headquarters in LaUnited Statesnne, Switzerland, and local offices in San Francisco, Shanghai and Berlin. The company develops a line of end-to-end mapping solutions which convert images into georeferenced maps and models. Using advanced algorithms based on computer vision and photogrammetry, Pix4D offers survey-grade accuracy, as well as a unique bundle of desktop and cloud processing.

Pix4D, EPFL Innovation Park, Building F, 1015 Lausanne, Switzerland
info@pix4d.com | 41 21 552 0596 | www.pix4d.com

Pixineer Gematics, Inc
Pixineer Gematics has pioneered a software development library called ‘XDL for Drone’. XDL is an abbreviation of ‘pixineer Development Library’, and it’s primary application area is any drone applications using images. Most of the functions are still PC-based, however, we are doing our best to increase the number of embed functions, so that most of the process can be implemented on board. we invite you to visit our booth 733 to check out some demo applications of XDL such as mpec-TS encoder, MTI(Moving Target Indicator), and etc.

Pixineer Gematics, Inc, 3-1 Doryong-Dong, Yusung-Gu, Taejun 305-733, South Korea
info@pixineer.co.kr | 042 862 8100 | www.pixineer.co.kr

PrecisionHawk
PrecisionHawk is a leading provider of advanced commercial drone technologies. The company, founded in 2010, is privately held and located in Raleigh, NC and Toronto, Canada. PrecisionHawk’s client list of Fortune 500 companies and market-leading innovators spans 150 countries and the company has existing operations across six continents. PrecisionHawk is funded by leading venture capital firms and global technology investors including Intel Capital, Millennium Technology Value Partners, Verison Ventures, a subsidiary of USAA, NTT Docomo Ventures, Yamaha Motor, DuPont and Indiana University. More information about PrecisionHawk can be found at www.precisionhawk.com or on Twitter @PrecisionHawk.

PrecisionHawk, 8601 Six Forks Rd, Ste 600, Raleigh, NC 27615, United States
info@precisionhawk.com | 844-328-5326 | www.precisionhawk.com

Propeller Aero
Propeller enables drone operators and site personnel to map, measure, analyze, and share high resolution maps and inspections of heavy earthworks projects, construction sites, mines, quarries, landfills, and infrastructure. Accessible to anyone with a web browser and internet connection, Propeller’s Platform simplifies processing, visualization, and sharing of drone data. Propeller is also the creator of AeroPoints, the only ground control points designed specifically for use with UAV’s.

Propeller Aero, 2420 17th St, Denver, CO 80202, United States
hello@propelleraco.com | 781-854-1032 | www.PropellerAero.com

Raster Foundry
As the cost and complexity of capturing timely, high-resolution imagery continues to drop, the volume of data now available to large enterprise companies has quickly exceeded their capacity to interpret it with traditional methodology. Raster Foundry makes it straightforward to train and deploy machine learning models on UAV imagery at scale, allowing analysts to focus only on the highest priority signals in the data. We help our customers realize the full potential of their investment in commercial drones by enabling them to build custom analytical tools with ease.

Raster Foundry, 990 Spring Garden Street, Philadelphia, PA 19123, United States
info@rasterfoundry.com | 267-563-8146 | www.rasterfoundry.com

RIEGL
RIEGL is an international leading provider of cutting edge technology in airborne, mobile, terrestrial, industrial and unmanned laser scanning solutions. RIEGL has been producing LiDAR systems commercially for almost 40 years and focuses on pulsed time-of-flight laser radar technology in multiple wavelengths. From the first inquiry, to purchase and integration of the system, as well as training and support, RIEGL maintains an out-standing history of reliability and support to their customers.

RIEGL, 7035 Grand National Drive, Orlando, FL 32819, United States
info@rieglusa.com | 407-248-9927 | www.rieGLusa.com

Septentrio
Septentrio designs and manufactures high-precision OEM GNSS receivers and surveying/GIS equipment. Trusted by prominent dredging, UAV and agricultural companies and used by many others, Septentrio products are noted for providing a consistent, accurate and reliable GPS/GNSS positioning even in the world’s remotest regions. Contact our team today who will evaluate your needs and advise you on the best option. We’ll demonstrate to you how Septentrio’s superior positioning and build quality can benefit you and your team.

Septentrio, Suite 200, 23848 Hawthorne Blvd, Torrance, CA 90505, United States
310-541-8139 | www.septentrio.com
Software

SimActive
SimActive is the developer of Correlator3D™ software, a patented end-to-end photogrammetry solution for the generation of high-quality geospatial data from satellite and aerial imagery, including UAVs. Correlator3D™ performs aerial triangulation (AT) and produces dense digital surface models (DSM), digital terrain models (DTM), point clouds, orthomosaics and vectorized 3D features. Powered by GPU technology and multi-core CPUs, Correlator3D™ ensures matchless processing speed to support rapid production of large datasets. SimActive has been selling Correlator3D™ to leading mapping firms and government organizations around the world, offering cutting-edge photogrammetry software backed by exceptional customer support. SimActive, 465 rue St-Jean, Suite 701, Montréal, QC H2Y 2R6, Canada sales@simactive.com | 514-288-2666 | www.simactive.com

Skyward, A Verizon company
The Skyward platform connects all the people, projects, and equipment involved in your drone program into one efficient workflow. Companies and fleet operators configure Skyward to meet their business requirements in order to scale faster and easily manage complex processes. Skyward, 233 SW Naito Pkwy., Portland, OR 97204, United States contact@skyward.io | www.skyward.io

Surave
Surave brings missing context to aerial and ground-based video and imagery. We connect your video and imagery to your own maps, shapefiles and public maps, providing context that is unique to your needs. We also automate the time-consuming process of requesting aerial videography by using your maps to define the mission. We send the required imagery out to a network of UAV pilots around the world or clients can send to their own drones. Once recorded, the imagery is uploaded into our platform and ready for viewing. Surave, 201 North Front Street, Suite 904, Wilmington, NC 28401, United States info@suravea.com | 888-507-2666 | www.suravea.com/home

Technodigit
Technodigit is specialized in digitalization and 3D modelling, reverse engineering, surface reconstruction and control. We develop the 3DReshaper® technology to make 3D point cloud processing from measurement points. This unique point meshing knowledge allows point cloud treatment without any size limit and provides high quality models, accurate and light, even with poor quality measurements. This tool allows us to receive point clouds from all digitalization equipments and to treat them in a very short time. Technodigit, Village Entreprise Sabne Mont d’Or, Lot N°128, 444 rue des jonchères, 69730 Genay, France 3dreshaper.sales@hexagon.com | 33 4 78 69 62 40 www.3dreshaper.com/en

Terra Drone
We provide useful services using laser survey and photogrammetry through drone technology (UAV), and high-precision 3-dimensional drawings. We have worked on over 400 projects in domestic civil engineering surveys using drones. We have also developed UTM (UAV Traffic Management), a system that grasps real-time location information of unmanned aerial vehicles and supports the efficiency and safe flights of multiple drones. Terra Drone, 150-0001, 5-53-67, Jingumae, Shibuya-Ku, Tokyo, Japan info.en@terra-drone.co.jp | 61 0415 224 541 | www.terra-drone.net/en

TerraLoupe
TerraLoupe was founded on the premise that understanding accurate geo image data could fundamentally improve decision making for businesses. We analyze aerial images by our proprietary machine learning algorithms, and provide object recognition to locate every piece of relevant information for our customers. Our AI algorithms work with all sorts of input data from RGB to Lidar. TerraLoupe, 1355 Market Street, Suite 488, San Francisco, CA 94103, United States info@terraloupe.com | www.terraloupe.com

Terrasolid
Terrasolid is the world leading software provider to process airborne, mobile and UAV LiDAR data and images. The Terrasolid applications provide versatile and capable tools for surveyors, civil engineers, designers, planners — for everyone who needs to process and utilize 3D LiDAR data and images. Terrasolid Ltd., Kanavaranta 7 B 28, 00160 Helsinki, Finland sales@terrasolid.com | 358 452 090 656

uGRID
uGRID is a web-based service provider that offers its customers geo-referencing for their infrastructure data. The website provides customers with a plat-form to show, share and find data. The web-site also provides useful time-saving tools to manipulate and process geo-referenced data. uGRID Corporation, 211 W Wacker Drive, Suite 900C, Chicago, IL 60606, United States support@ugrid.com | 312-262-2500 | www.ugrid.com

Unify NV
The Unify Unmanned Traffic Management platform connects authorities with pilots to safely integrate drones into the airspace. Authorities can visualize and approve drone flights and manage no-fly zones in real-time. Drone pilots can manage their drones and they can plan and receive flight approvals in line with international and local regulation. Unify NV, Luchthavenlei 7A, 2100 Antwerp, Belgium info@unify.aero | 32 446 01 00 | www.unify.aero

Ventus Geospatial Inc.
Ventus Geospatial is a Canadian innovation leader in the field of spatial data acquisition, assessment & analysis (SDA3). Based in Alberta, Ventus specializes in the integration of advanced data acquisition technologies with high performance GIS analysis and visualization tools to produce rich client specific geospatial data sets, high quality imagery, terrain feature models and geo-referenced asset inspection and facilities management information. Ventus Geospatial Inc., 5100, 150-6th Ave S.W. Suncor Energy Centre, West Tower, Calgary, AB T2P3Y7, Canada info@ventusgeo.com | 403-538-2192 | www.ventusgeo.com
Software

Virtual Surveyor nv
Virtual Surveyor is a software (pay-as-you-go) service that bridges the gap between drone datasets and CAD or GIS with almost no learning curve. Land surveyors can apply workflows they already know in a fluent virtual environment built from the drone photogrammetry outputs. Surveyors can explore or edit the (virtual) terrain, place points and lines at meaningful locations, calculate volumes and create triangulations or contours for further use in CAD or GIS. Productivity tools help the land surveyor to efficiently execute these workflows.
Virtual Surveyor nv, Philippsite 5 Box 20, B-3001 Leuven, Belgium
info@virtual-surveyor.com | 32 (16) 360 180 | www.virtual-surveyor.com

VirtualGrid
VirtualGrid is the developer of VRMesh, an advanced 3D point cloud and mesh processing software tool. VRMesh is recognized for its cutting-edge technologies and comprehensive workflows in point cloud classification, feature extraction, mesh generation, registration and measurement. It can automatically process any point clouds generated from laser scanning or from photogrammetry, and can be used in many fields such as land surveying, transportation, utilities, mine, construction, etc.
VirtualGrid, 1400 112th Ave SE, Suite 100, Bellevue, WA 98004, United States
info@vrmesh.com | 425-679-6693 | www.vrmesh.com
Vendors: Services
Data

4D Mapper Pty Ltd
4DMapper is changing the way people visualise, collaborate on, manage and deliver geospatial data. With its cloud-based geospatial data platform, 4DMapper makes massive amounts of geospatial data readily available, in 3D, on a browser without the need for any extra software or hardware. Data from UAVs, laser scanners, satellites and aerial mapping can be easily uploaded to the platform, streamed and managed via a rich and powerful browser-based interface satisfying the needs of both sophisticated and casual users. 4DMapper enables professionals and decision-makers to work collaboratively on a project, seeing each others’ work as it happens for real-time problem solving.
4D Mapper Pty Ltd, Level 7, 34 Charles Street, Parramatta, NSW 2150, Australia
contact@4dmapper.com | +61 2 9199 7435 | www.4dmapper.com

Advanced Aerial Services
By using Unmanned Aerial Systems (UAS) for survey, inspection, photography and video, Advanced Aerial Services, LLC is committed to encouraging new-age innovation, development and creativity while providing superior service, increasing safety, lowering cost, improving quality and reducing environmental impact.
Advanced Aerial Services, LLC, PO Box 1483, Woodward, OK 73802, United States
info@AAAScontact.com | 580-571-1980 | www.advancedaerialservices.com

AGERpoint, Inc.
Using data from laser and photometric sensors, AGERpoint’s analytic services create geolocated tree inventories with size, health and cultivar information for each plant, representing a comprehensive asset management system for permanent crops. AGERpoint’s files can also be used to drive automated equipment, as well as inform operational and financial decisions.
AGERpoint, Inc., 1674 Tonia Road, New Smyrna Beach, FL 32168, United States
sales@agerpoint.com | 321-236-6399 | www.agerpoint.com

Applanix
Applanix has a simple mission - to be the industry leader in the development, manufacture, sales, and support of Mobile Mapping products and solutions. Our technology is specifically designed for commercial applications, including aerial survey and remote sensing, land-based mobile mapping, and marine survey operations – markets we helped pioneer.
Applanix, 85 Leek Crescent, Richmond Hill, ON L4B 3B3, Canada
info@applanix.com | 289-695-6000 | www.applanix.com/

CSA Ocean Sciences, Inc
Founded in 1970 as a marine environmental consulting firm, CSA Ocean Sciences Inc. (CSA) specializes in multidisciplinary projects concerning potential environmental impacts of activities throughout the world and offers a wide variety of desktop and field survey services. CSA is headquartered in Stuart, Florida, with regional offices in Tampa, Florida; Houma, Louisiana; Salinas, California; Houston, Texas; Port-of-Spain, Trinidad; Doha, Qatar; Rio de Janeiro, Brazil and Perth, Australia.
CSA Ocean Sciences, Inc, 8502 SW Kansas Ave, Stuart, FL 34997, United States
info@csaoccean.com | 772-219-3000 | www.csaocean.com

DroneDeploy
DroneDeploy is the leading cloud platform for commercial drones. Anyone can use DroneDeploy to collect, analyze, and share drone data. With autonomous flight, scalable data processing, and an intuitive interface, DroneDeploy delivers real-time maps and analytics on any device. Robust data storage and proprietary image processing form the platform’s backbone, enabling leaders in construction, agriculture, mining, and insurance to get more value from aerial imagery and drone data. The platform also features the industry’s largest app market—inclusive of best-in-class applications and open APIs for custom integrations—that seamlessly integrate DroneDeploy into existing workflows.
DroneDeploy, 1045 Bryant Street, San Francisco, CA 94103, United States
hello@dronedeploy.com | 507-593-7663 | www.dronedeploy.com

Geodetics, Inc.
Geodetics offers a family of fully integrated LiDAR mapping products delivering the best price/performance value in the market.
Hazen Solutions, 545 S. Birdneck Road Suite 201B, Virginia Beach, VA 23451, United States
info@hazonsolutions.com | 757-962-9000 | www.hazonsolutions.com

Hitec Commercial Solutions
Hitec engineers have been defining, developing and advancing servo actuator technology for decades. From our IP-67 rated waterproof protection, wide voltage-range high resolution D-Series, our energy efficient, programmable circuitry to our unique synthetic composite gears, Hitec Commercial Solutions continues to push the boundaries of actuator engineering. Our diligent research has improved servo actuator strength, speed and efficiency for maximum performance and success. Additionally, our dedicated experience in radio control systems and aircraft development continues to make ground-breaking advancements in robotics and unmanned aerial sciences.
Hitec Commercial Solutions, 12115 Paine St., Poway, CA 92064, United States
suzannel@hitecrcd.com | 203-482-2893 | www.hitecnology.com

Infrastructure Mapping and Autonomy
IMA provides rapid mapping of infrastructure assets by leveraging technology developed for the autonomous vehicle mapping industry. Our machine learning and cloud processing technologies allow us to rapidly process LiDAR, conduct feature extraction, and produce GIS data sets including real-time change detection of assets at regional scales. Through our global relationship and our own technology portfolio IMA can provide the project management of data collection in addition to our mapping solutions. Our unique, on-line project creation and B2B services portal provides a one stop shop for starting and approving new projects, pricing out feature extraction and data processing work, and monitoring project progression.
Infrastructure Mapping and Autonomy, 410, 505 8th Avenue SW, Calgary, AB T2P 1G2, Canada
info@infrastructuremapping.com | 403-890-4979 | www.infrastructuremapping.com
Optelos
Optelos is the leading provider of secure drone data management and AI analytics software. We bring together the best of Workflow, Multimedia, and AI Analytics for Drone Operators and Enterprises to share data with clients. Our cloud-based platform allows Drone Service Providers and End-Users the ability to securely store, visualize, analyze and share any of their multi media products, to enable key business decision making. Optelos' Computer Learning (AI) solution saves clients & stakeholders on average up to 65% on project time.
Optelos, 15605 Ranch Road 620N, Austin, TX 78717, United States
info@optelos.com | 512.501.8944 | www.optelos.com

Parrot Professional
Parrot is covering the entire drone ecosystem from drones to sensors, including piloting and data processing software, as well as recommendations and services. “Parrot Professional” is a range of drone-based end-to-end solutions dedicated to small and medium businesses. These complete and multipurpose decision-making tools are built on Parrot’s consumer drones, which have already demonstrated their maneuverability, robustness and ease-of-piloting, and incorporate precision sensors and software for independents as well as small and medium businesses to use by themselves and start benefiting from the advanced capabilities developed for larger organizations.
Parrot Professional, 174 Quai de Jemmapes, 75010 Paris, France
sales.pinc@parrot.com | 033 (0)1 48 03 60 60
www.parrot.com/us/business-solutions#discover-all-our

Pixoneer Gematics, Inc
Pixoneer Gematics has pioneered a software development library called ‘XDL for Drone’. ‘XDL is an abbreviation of ‘piXoneer Development Library’, and it’s primary application area is any drone applications using images.
Most of the functions are still PC-based, however, we are doing our best to increase the number of embed functions, so that most of the process can be implemented on board. We invite you to visit our booth 732 to check out some demo applications of XDL such as mpec-TS encoder, MTI(Moving Target Indicator), and etc.
Pixoneer Gematics, Inc, 3-1 Doryong-Dong, Yusung-Gu, Taejun 305-733, South Korea
info@pixoneer.co.kr | 042 862 8100 | www.pixoneer.co.kr

Raster Foundry
As the cost and complexity of capturing timely, high-resolution imagery continues to drop, the volume of data now available to large enterprise companies has quickly exceeded their capacity to interpret it with traditional methodology. Raster Foundry makes it straightforward to train and deploy companies has quickly exceeded their capacity to interpret it with traditional methodology. Raster Foundry makes it straightforward to train and deploy methodology. Raster Foundry makes it straightforward to train and deploy.
Raster Foundry, 990 Spring Garden Street, Philadelphia, PA 19123, United States
info@rasterfoundry.com | 267-563-8146 | www.rasterfoundry.com

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. senseFly was founded in 2009 and quickly became the leader in mapping drones. The company is a commercial drone subsidiary of Parrot Group. For more information, go to www.sensefly.com.
senseFly, Route de Genève 38 (Z.I. Châtellerard Sud), 1033 Chexaux-Lausanne, Switzerland
info@sensefly.com | 41 21 552 04 40 | www.sensefly.com

Skycan
Aerial surveys always proved to be a costly and low dynamic. The arrival of the drone has changed all of that. SKYCAN, with “two feet on the ground”, gives you a sharp visualization of your project, business, real estate, product or event. European Drone Hero 2017: Search and rescue Program: SALVATOR
Skycan, Frans Coeckelbergstraat 25, 2220 Heist-op-den-Berg, Belgium
info@skycan.be | 32 (0)478 56 34 79 | www.skycan.be

Skynetwest
We produce high quality, geo-referenced aerial photography, videography, data retrieval, and data processing for all types of industries, particularly with infrastructure inspections, building inspections, and land surveying. Our goal is to provide the most accurate and high quality data on the market, in a fraction of the time taken by conventional methods. By meeting this standard, we ensure that our partners have all the information possible and avoid any delays in getting started on their project.
Skynetwest, 835 West Warner Road Suite 101-489, Gilbert, AZ 85233, United States
info@skynetwest.com | 480-718-1045 | www.skynetwest.com

Surave
Survae brings missing context to aerial and ground-based video and imagery. We connect your video and imagery to your own maps, shapefiles and public maps, providing context that is unique to your needs. We also automate the time-consuming process of requesting aerial videography by using your maps to define the mission. We send the required imagery out to a network of UAV pilots around the country or clients can send to their own drones. Once recorded, the imagery is uploaded into our platform and ready for viewing.
Survae, 201 North Front Street, Suite 904, Wilmington, NC 28401, United States
info@survae.com | 888-507-1992 | www.survae.com/home

Technodigit
Technodigit is specialized in digitalization and 3D modelling, reverse engineering, survey reconstruction and control. We develop the 3DReshaper® technology to make 3D point cloud processing from measurement points. This unique point meshing knowledge allows point cloud treatment without any size limit and provides high quality models, accurate and light, even with poor quality measurements. This tool allows us to receive point clouds from all digitalization equipment and to treat them in a very short time.
Technodigit, Village Entreprise Saône Mont d’Or, Lot N°128, 444 rue des jonchères, 69730 Genay, France
3dreshaper.sales@hexagon.com | 33 4 78 69 62 40
www.3dreshaper.com/en

TerraLouve
TerraLouve was founded on the premise that understanding accurate geo data could fundamentally improve decision making for businesses. We analyze aerial images by our proprietary machine learning algorithms, and provide object recognition to locate every piece of relevant information for our customers. Our AI algorithms work with all sorts of input data from RGB to Lidar.
TerraLouve, 1355 Market Street, Suite 488, San Francisco, CA 94103, United States
info@terralouve.com | www.terralouve.com

Unmanned Aerial Specialists
Unmanned Aerial Specialists has more than two decades of experience with sensors, drones, geospatial and related technologies. As an organic development from the survey industry, UAS understands the requirement for absolute precision and accuracy. This has led us to be innovators and leaders in the use of nascent technology. This innovation has led to strategic relationships with some of the most well-known names in government and industry.
sales@uas-corp.com | 800-984-4003 | www.uas-corp.com
Data

Ventus Geospatial Inc.
Ventus Geospatial is a Canadian innovation leader in the field of spatial data acquisition, assessment & analysis (SDA3). Based in Alberta, Ventus specializes in the integration of advanced data acquisition technologies with high performance GIS analysis and visualization tools to produce rich client specific geospatial data sets, high quality imagery, terrain feature models and geo-referenced asset inspection and facilities management information.
Ventus Geospatial Inc., 5100, 150-6th Ave S.W. Suncor Energy Centre, West Tower, Calgary, AB T2P3Y7, Canada
info@ventusgeo.com | 403-538-2192 | www.ventusgeo.com

Viper Drones
Viper Drones provides solutions utilizing Unmanned Aerial Systems (UAS) integrated with FLIR thermal imaging and optical gas imaging. Our systems have monitoring, workflow and inspection applications for the oil and gas industry, utilities, manufacturing, building diagnostics, law enforcement, recreation, and more. We offer complete UAS integrated with thermal and/or optical gas imaging technology. The philosophy of Viper Drones is to serve customers with solutions that will save lives, time and expense.
Viper Drones, 2402-A Valleydale Road, Birmingham, AL 35244, United States
sales@viper-drones.com | 866-542-7024 | www.viper-drones.com
Financing & Purchasing

AP Equipment Financing
AP Equipment Financing can provide financing for your single UAV or fleet along with the necessary payload to deliver the best result for your time in the air. We are providing financing to a wide spectrum of uses from survey and mapping, inspection, precision agriculture, insurance and construction management. Integrating a UAV into your business is a critical decision. Let AP Financing smooth the process of acquiring the right tool for the job. Looking for other equipment for your business? Ask your Rep if AP can help you with that as well.

AP Equipment Financing, 1550 Parkside Drive, Suite 240
Walnut Creek, CA 94596, United States
info@apfinancing.com | 888-998-6126
www.apfinancing.com/industries/uav

DroneNerds
DroneNerds specializes in the supply of high-end drones for a variety of commercial, private, and recreational needs. A leading DJI-authorized service center, we’re able to deliver the highest quality drones at the highest quality service. Whether you require drones for aerial filming, videography, surveying, or anything else, we have the drones available to suit your needs. With an extensive product range as well as custom drone solutions available, we can help you choose the perfect product or our engineers can design one specifically for you! It’s all this and so much more that we are a leading name in the ever-growing drone industry, renowned as pioneers for our unique drones. DroneNerds is also the largest distributor of drones in the US, boasting the largest inventory of drones in the nation.

DroneNerds, 20614 Biscayne Blvd., Aventura, FL 33180, United States
alex@dronenerds.com | brianN@dronenerds.com
786-708-7807 | www.dronenerds.com

Dynamic UAV Solutions
Dynamic UAV Solutions is an industry leading distributor in the commercial UAV space, specializing in the Mapping, Agricultural, Public Safety and Inspection markets in North America. Dynamic carries a broad line of UAV products, accessories and services and has the expertise to help its dealers navigate the complexity of the emerging UAV markets.

Dynamic UAV Solutions, 4716 Greenwich Rd., Seville, OH 44273, United States
330-818-2868 | www.dynamicuav.com

FlyCam UAV
FlyCam UAV provides system integrations and solutions in the sUAS/RPA industry. We have worked with FEMA, emergency responders, environmental companies and communication companies. In addition, we offer aerial radiation and chemical detection sensors and service. We can provide custom radiation and chemical sensors for nuclear power plants, landfills, airborne particulates and anywhere there is a threat of radioactive contamination. We are also the US distributor of the Acecore UAVs, Neo and Zoe.

FlyCam UAV, 20555 Devonshire Street, #116, Chatsworth, CA 91311, United States
flycamuav@gmail.com | 818-678-9151 | www.flycamuav.com

Futaba Corporation of America
In 1962, Futaba began producing radio control equipment as well as press die set components, establishing what still remains as two of the company’s primary divisions. This was followed by the development of mold base components and the more recent addition of VFD modules to complete the lineup of Futaba’s major products. Firmly embracing the principle of manufacturing each component in-house, Futaba creates everything from its own tools to its own manufacturing facilities.

Futaba Corporation of America, 629 Oshiba, Mobara, Chiba Prefecture 297-8588, Japan
info@futaba.com | 847-884-1444 | www.futaba.com

Marlin Equipment Finance
Marlin® is a nationwide provider of commercial lending solutions and services to small businesses. Marlin provides innovative commercial financing solutions that support our customers’ growth and success. Our products and services are offered directly to small businesses, and through intermediaries, which includes equipment manufacturers, distributors, independent dealers and brokers. Our mission is help small businesses achieve their American dream while delivering exceptional value and service to our customers. Marlin is publicly traded (NASDAQ: MRLN).

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info@marlinfinance.com | 888-479-9111 | www.marlinfinance.com

Modus Robotics
Modus Robotics is an industrial robotics and data innovation company. We specialize in environmental and construction/infrastructure workflow advancement. The San Diego-based firm helps corporations and their service providers integrate UAS (aka, “drones”) technology into their industries.

Modus Robotics, 1115 Camino Del Mar #109, Del Mar, CA 92014, United States
info@modusrobotics.com | 858-366-6996 | www.modusrobotics.com

Unmanned Systems Source
Unmanned Systems Source is an online warehouse that supplies unmanned systems, components, subsystems, and services. With more than 30 years combined experience, our team has the insight to help power projects for commercial, governmental and public sectors, alike. Solution Engineers are available to answer questions and help with product and peripheral selections. Engineers also provide technical and integration support. Unmanned Systems Source is positioned as a single source of supply and information where customers shop, compare and buy top-tier products from respected manufacturers at retail pricing or better.

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mconnor@perkinscoie.com | 206-359-3475
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BayesMap offers unique consulting and software development services for the LiDAR industry. We focus on data processing, providing efficient and accurate solutions to challenging problems such as point cloud registration, geometric correction and full waveform peak detection. We also help our clients extract a maximum of information from large and complex data sets.
BayesMap Solutions, LLC, 3109 Persimmon Circle, Pleasanton, CA 94588, United States
info@bayesmap.com | 650-485-0059 | www.bayesmap.com

Droneport
Droneport, Regional Airport Limburg, 3800 Sint-Truiden, Belgium
info@droneport.eu | 32 494 50 66 60 | www.droneport.eu

EUKA
EUKA is the Belgian-Flemisch drone cluster organisation, recognised by the Flemish government, that aims to raise the Flemish drone economy to a higher level and facilitate international collaboration.
EUKA, Herkenrodenesigel 4/1, B-3500 Hasselt, Belgium
info@euka.org | 32 11 96 27 31 | www.euka.org

Juan B. Plaza Consulting Corp
Juan B. Plaza Consulting Corp. (JBPC) is a firm dedicated to helping individuals and organizations accelerate their deployment time for projects in the areas of General Aviation, Unmanned Aerial Systems (Drones), Aerial Photogrammetry, Mapping/Cartography, Enterprise GIS, Fleet Management and Precision GNSS.
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juan.plaza@advancedflightsupport.com | 561-617-5351
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LiDAR USA
LiDAR is an aggressive team of pioneers in geomatics searching for new, innovative, and affordable solutions. We build economical mobile mapping systems, that push technology to the edge using the latest tools for scanning, imaging, and navigation. Jeff Fagerman founded Fagerman Technologies and LiDAR USA in 1999. We provide solutions for GIS, surveying, civil engineering, agriculture, forensics, BIM, heritage mapping — all things 3D and beyond. We develop solutions for indoors and outdoors. We seek out ways to improve workflows using existing technology in an unconventional way.
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info@lidarusa.com | 256-274-1616 | www.lidarusa.com

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The North Dakota Department of Commerce leads the state's efforts to attract, retain and expand economic wealth. Charged with coordinating and focusing the state's economic development resources, the business development team works closely with national and local partners to accomplish that task.
North Dakota UAS Team, 1600 E. Century Ave., Suite 2, PO Box 2057, Bismarck, ND 58503, United States
701-328-5300 | www.business.nd.gov/aviation
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The Skyward platform connects all the people, projects, and equipment involved in your drone program into one efficient workflow. Companies and fleet operators configure Skyward to meet their business requirements in order to scale faster and easily manage complex processes.
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contact@skyward.io | www.skyward.io

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Training & Safety

ARGUS Unmanned
Our mission is to exceptionally deliver relevant and valuable information solutions to the business aviation, air carrier, rotary wing, UAS, and the overall aerospace marketplace. Headquartered in Cincinnati, Ohio, ARGUS is actively engaged with customers in over 60 countries, spanning 6 continents. In 2015, ARGUS entered into a strategic relationship with AirWorks, a leading diversified aviation services provider with a presence in 4 continents across the globe. AirWorks provides engineering, asset management, and safety and technology solutions to the global aviation marketplace. ARGUS subsidiaries provide innovative safety, software, data, and risk management solutions across the aviation industry.

ARGUS Unmanned, 4240 Airport Road, Suite 300, Cincinnati, OH 45226, United States
argus.sales@argus.aero | 513-852-5110 | www.argus.aero

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Embention, Pl Las Atalayas, C/ Chelin, 16, 03114, Alicante, Spain
embention@embention.com | 0034 965 115 421 | www.embention.com

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FlyTech UAV is a Polish company which provides advanced unmanned aerial systems for professionals in civilian markets including geodesy, agriculture, administration, surveillance, infrastructure monitoring and mining sectors. We offer comprehensive service, high quality hardware and software tools for increasing the productivity of drone users. We are working constantly to expand UAV functionalities with R&D projects. Our current aim is to integrate the latest advances in drone technology with data fusion and artificial intelligence modules that will ensure the highest levels of automation of routine inspection tasks related to the maintenance of power lines, railways, roads and bridge structures.

FlyTech UAV, Balicka 18A, Kraków, Poland
sales@flytechuav.com | +48 690 446 591 | www.flytechuav.com

Fortem Technologies
Fortem Technologies, Inc. is a venture funded, privately held company that delivers products to enable safe autonomous airborne operations. Fortem Technologies’ proven solutions allow organizations to transition their unmanned aircraft operations beyond line of sight (BLOS) as well as protect their most precious resources from threats in the air. Fortem’s most recent product is a leader in providing modern air defense day and night. The Fortem DroneHunter™ is an unmanned counter-UAS aircraft that uses the TrueView Radar to autonomously fly toward unwanted drones in the sky — without a human pilot on the ground — and detect, track, classify, monitor via video stream, inspect, and safely capture the intruder drone at a safe distance from the protected area. Fortem’s DroneHunter™ is the world’s first counter-drone system that operates BLOS using radar to protect a perimeter day and night from unwanted air threats.

Fortem Technologies, Inc., 2015 W Grove Parkway, Pleasant Grove, UT 84062, United States
info@fortemtech.com | 385-375-3233 | www.fortemtech.com

Futaba Corporation of America
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Griff Aviation, Bakkedamsvegen 32, 6230 Sykkelven, Norway
eu@griffaviation.com | 47 934 90 912 | www.griffaviation.com

Little Arms Studios
Little Arms Studios is a software development company specializing in the creation and customization of drone simulation software, game production, mobile applications, UI/UX (User Interface and User Experience) designs, and website development and design. Little Arms Studios has developed Zephyr, a drone training simulator that is uniquely designed for drone training and education. Zephyr is a one-of-a-kind system that provides commercial operators with the skills they need to be successful sUAS pilots. Institutions can effectively use our proprietary learning management system (LMS) to track students’ progress through the institution’s curriculum.

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contact@pulseaero.com | 785-380-7209 | www.pulseaero.com

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Unmanned Safety Institute, 6021 S. Syracuse Way, Suite 302, Greenwood Village, CO 80111, United States
info@unmannedsafetyinstitute.org | 877-535-SAFE
www.unmannedsafetyinstitute.org
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