

# PRODUCT SHOWCASE

GEOCONNECTION LOOKS AT THE LATEST IN GEOMATICS PRODUCTS

## WÄRTSILÄ LAUNCHES SCENESCAN, THE FIRST TARGETLESS LASER SENSOR FOR OFFSHORE WIND FARMS

**SceneScan Monopole** is the first laser sensor developed for offshore wind farm applications where the need for installing fixed reflective targets is eliminated. This ground-breaking technology is designed to increase safety onboard service operation vessels (SOVs), since vessel positioning sensors that rely on targets fixed to the structure, are often unreliable because of poor placement, poor quality, and obscurement by workers on the platform. The SceneScan has been designed and developed by Guidance Marine, which was acquired by **Wärtsilä** in 2017. The SceneScan Monopole's advanced software allows the measurement of range and bearing to the offshore wind turbine, independent of the use of targets and GPS.

The technology is highly applicable for China's developing offshore wind market, as well as for North Sea wind farms. The first SceneScan Monopole was delivered in summer 2018 for a Chinese SOV newbuild project carried out by GE Power Conversion, a subsidiary of General Electric.

[www.wartsila.com](http://www.wartsila.com)



## TRIMBLE SX10: THE ONE THAT STARTED IT ALL

The **Trimble SX10** Scanning Total Station is the single must-have piece of equipment that masters surveying, imaging and high-speed 3D scanning in one powerful solution. The Trimble® SX10 scanning total station redefines the capabilities of everyday survey equipment by providing the world's most innovative solution for surveying, engineering, and scanning professionals. The Trimble SX10 will change the way you work. This new, versatile solution is capable of collecting any combination of high-density 3D scan data, enhanced Trimble VISION imaging, and high-accuracy total station data, allowing you to capture exactly what you need, saving you time and money on every job. Trimble's new Lightning 3DM enables the SX10 to capture both high-accuracy total station measurements and true high-speed 3D scans together in a single instrument providing a higher level of accuracy and measurement performance than ever before. The Trimble SX10 remains the first and the best of its kind.

[www.geospatial.trimble.com](http://www.geospatial.trimble.com)



## SPOT SATELLITE GPS MESSAGING DEVICES SURPASS ONE BILLION MESSAGES

**Globalstar Europe Satellite Services Ltd.**

announced that **SPOT** has reached a new milestone, surpassing one billion messages transmitted and more than 6,100 rescue incidents initiated in 89 countries and on six continents. A trusted and proven satellite communications family of devices, SPOT's fast-growing base of subscribers includes lone workers and outdoor enthusiasts who want peace

of mind, reliable communications and SOS capability through the **GEOS International Emergency Response Coordination Center (IERCC)**, even when there is no mobile network coverage. To date there have been a total of 311 rescues in EMEA, with 258 in Europe and 53 in Africa. France (32), Italy (17), Norway (32), Sweden (27), Switzerland (25), Spain (32) and the UK (44) are the busiest rescue locations in Europe. Adventurers who are hiking, mountain climbing and paragliding in Europe and Africa are most likely to request help from the GEOS IERCC via SPOT's SOS button.

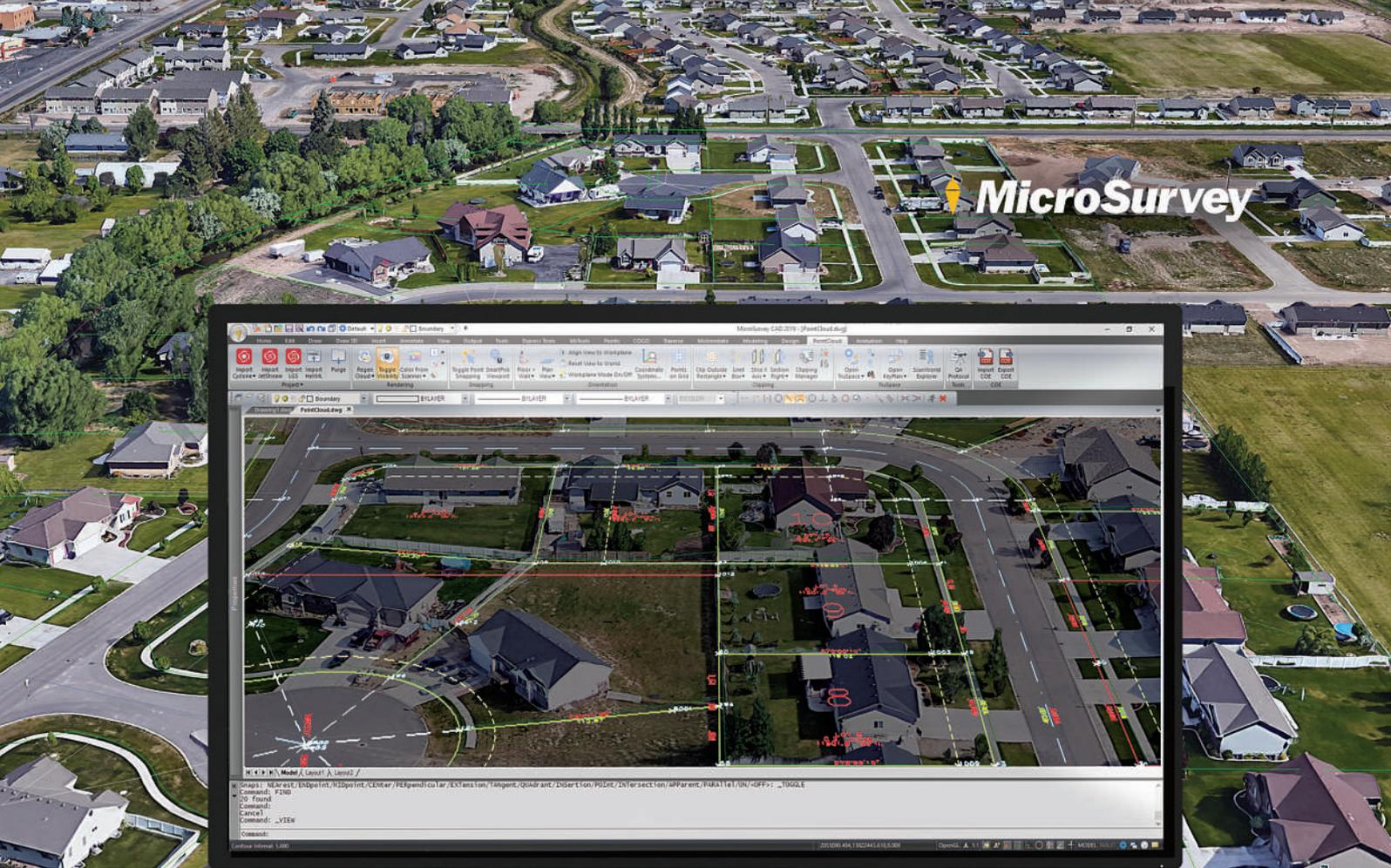
[www.globalstar.com](http://www.globalstar.com)



## INTRODUCING THE TOPCON HIPER VR GNSS RECEIVER

The **HiPer VR** is compact, light and packed with the most advanced GNSS technology in a design built to withstand the harshest field environments. Using **Topcon's** advanced GNSS chipset with Universal Tracking Channels\* technology, the HiPer VR tracks every satellite signal – now and into the future. All signals, all satellites and all constellations — in a compact, rugged design, with an integrated IMU and eCompass. The HiPer VR is a complete solution and versatile in many ways. It can be used for static or kinematic GNSS post-processed surveys, as a network RTK rover with the FC-5000's internal 4G/LTE cellular modem, as a UHF/Longlink jobsite RTK rover, and also in Topcon's patented Hybrid Positioning solution. TILTTM Topcon Integrated Leveling Technology The HiPer VR incorporates a revolutionary 9-axis Inertial Measuring Unit (IMU) and an ultra-compact 3-axis eCompass. This advanced technology compensates for mis-leveled field measurements out of plumb up to 15°. [www.topconpositioning.com](http://www.topconpositioning.com)





# Reliable. Affordable. Sustainable.

Complete Desktop Survey CAD Solution.

We've been working hard to implement changes based on user feedback, focusing on core improvements in stability and reliability for MicroSurvey CAD 2019. You won't find flashy experimental features in 2019, only robust improvements to increase productivity and enhance your day to day use of the program!

Sustainability is important to your bottom line, and MicroSurvey offers perpetual licensing and maintenance plans at a price everyone can afford. Fully compatible with AutoCAD® 2018 and 2019 drawing files, MicroSurvey CAD ensures easy sharing of drawing information with your customers and partners. We also provide industry-leading support and learning resources so you can get the most out of your investment. Thousands of surveyors rely on our solutions, and so can you. We've got you covered.

[microsurvey.com/cad](http://microsurvey.com/cad)

