

PRODUCT SHOWCASE

GEO:CONNECTION LOOKS AT THE LATEST IN GEOMATICS PRODUCTS

1 GETAC PS236 PDA EXTREME

GETAC Technology Corporation, a leading innovator and manufacturer of rugged computers that meet the demands of field-based applications, is adding to its extensive line of rugged mobile computing solutions with its introduction of the **PS236** - the most portable handheld device with GPS, WWAN communication, and WiFi with Bluetooth capabilities, on the market. Offering a variety of features including a built-in 3 megapixel auto-focus camera, altimeter, E-compass, extended battery life, real-time voice and data communications, and up to 12 Gigabytes of storage, the Getac PS236 portable GPS PDA could very well be the only companion field professionals will need, even in the most extreme environments.

www.getac.com

2 ROADPILOT MOBILE

RoadPilot Limited launched a new speed camera alert application for the latest generation of GPS smart phones, called **RoadPilot Mobile**. The application uses RoadPilot's industry-leading Omni database of speed camera locations throughout Europe, which has been endorsed through data supply agreements with major partner firms such as Nokia and TeleAtlas. In addition to providing fixed speed camera warnings, RoadPilot Mobile features a real-time alert facility, which enables motorists to notify other members of the RoadPilot Mobile user community if specific mobile speed camera sites are active. Established in 2000, RoadPilot produced the world's first GPS speed camera location device, and its database stretches from Tromsø, Norway to Taranto, Italy, and from Lisbon, Portugal, to Lublin, Poland. RoadPilot's team of dedicated surveyors physically visit each and every site in the database to ensure that every attribute is correct, e.g. the exact GPS location, direction of camera, and local speed limit.

www.roadpilot.com

3 CARTOGOO GPS DATA COLLECTOR

Now you can collect your GIS and survey data for use on not only Google Earth but also most GIS and CAD systems. **CartoGoo** is as simple to use as a post-it note is with paper. Just go to site and collect data, CartoGoo will do the rest. Main features of this hand-held GPS device include ease of use, Google Earth interface, importing and exporting of KML files, GPS calibration, GIS data collection (points, lines, polygons), multiple survey methods, construction methods, multiple data overlays (DXF, DWG...), and coordinate conversion to a local system. CartoGoo provides low cost and free tools for surveying and map making. Using CartoGoo you can measure and record your data right in the field using GPS, total stations, lasers and even the occasional tape measure. All data is recorded graphically while still onsite, so you can immediately see and check your work, eliminating re-visits.

www.cartogoo.com

4 COLORTRAC'S NEW SMARTLF CI 24

The **Colortrac SmartLF Ci 24**, is a fast, accurate, easy-to-use and affordable 24" wide, technical document scanner with instant-on desktop scanning and copying to any workstation or printer across a network. This is the first professional wide format scanner with a suggested retail price of under US \$3650 (excluding taxes and shipping). The super-small front load/front exit SmartLF Ci 24 large format scanner is ideal for smaller workspaces and multiple locations. Lightweight and portable, it is easily re-located within the office, between offices or remote sites - ready to go in minutes, as the solid state 600dpi CIS image sensors need no alignment and the LED light system requires no warm-up time or calibration. SmartLF Ci 24 scanners provide AEC, CAD, GIS, EDM and general office personnel the capability to scan, copy or distribute A1 or D size images at the touch of a button. The SmartLF Ci 24 is supplied complete with SmartLF All-in-One software.

www.colortrac.com



KUBIT POINTCLOUD PRO 5

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PointCloud and **PointCloud Pro** from **kubit** allow the display and processing of point clouds directly inside AutoCAD. Every single point of a 3D cloud can be accessed (OSNAP) and thus be used in combination with all traditional AutoCAD commands. PointCloud provides numerous tools for an efficient analysis of 3D laser scan data. The latest release of PointCloud Pro 5 extends AutoCAD by adding a photogrammetric, multiple image analysis. Three-dimensional objects can now be modelled using digital photos instead of scanned point clouds. Oriented images can be generated directly within PointCloud and then drawn on to get an image plan. Lines drawn on a two dimensional photograph are simultaneously displayed inside the 3D point cloud at the correct geometric position. Versions 5 of PointCloud and PointCloud Pro support AutoCAD 2007-2010 and all vertical applications (e.g. Architecture, Civil 3D). They run on both 32-bit and 64-bit operating systems. Prospects may try the software free of charge.

www.kubitusa.com

NOKIA 5800 NAVIGATION EDITION

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Launched in the USA in December, the **Nokia 5800 Navigation Edition** is an upgraded version of the popular Nokia 5800 that comes with device lifetime voice-guided navigation for North America and a car kit. The Nokia 5800 NE features Ovi Maps for mobile, offering real-time turn-by-turn navigation for both cars and pedestrians. When driving, Ovi Maps for mobile is a full-fledged car navigation solution with enhanced safety features like speed limit warnings and speed camera alerts, and near real-time information on traffic congestion due to roadwork or accidents. When walking, the service provides pedestrian-friendly directions, including routes that take a pedestrian up one-way streets and through parks, pathways and other shortcuts. Provided with USA and Canadian maps on delivery, users can update and add maps from more than 180 countries for free using Nokia Map Loader, a downloadable PC application.

www.nokia.usa.com/maps

GARMIN GPSMAP 6000 / 7000

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Garmin International Inc. launched its latest marine chartplotters, the **GPSMAP® 6000** and **GPSMAP 7000** series, with Garmin G Motion technology, that represents a graphic breakthrough in speed, smoothness and clarity, delivering ultra-smooth map panning and zooming with virtually seamless graphical updating in all dimensions. The new chartplotters feature an unmatched low-level backlight display that dims to 0.5 nits, and a backlit keypad for use in low-light conditions without compromising vision. The GPSMAP 7x15 series offers a huge 15-inch diagonal XGA (1024 x 768 pixel) sunlight readable touchscreen display in two models – the GPSMAP 7015 with an enhanced worldwide satellite imagery basemap, and the GPSMAP 7215, which comes pre-loaded with highly detailed U.S. coastal charts and Explorer Charts for the Bahamas. Both models have a PC monitor input, offer four composite video inputs for multimedia use, and optional XGA resolution in a 12-inch diagonal screen configuration.

www.garmin.com

TOPCON'S IP-S2

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Topcon launched the **IP-S2**, a vehicle mounted, 3D precision mapping and survey system, combining dual-frequency GNSS positioning with inertial measurement to precisely position laser scanning and digital imaging data. The data collected using 3D laser scanners and/or cameras is integrated, time stamped and geo-referenced by the IP-S2 control box. The user can then quickly and accurately combine the laser "point cloud" and digital imaging data to build true-coloured 3D models of the areas covered. The IP-S2 standard system includes three high-resolution laser scanners that cover the vehicle path at ground level and the adjacent areas to a distance of 30 meters. The technology provides location and geo-referencing with survey accuracy of visible utilities, traffic signals and roadways. It allows the creation of GIS maps, tunnel sections, asset inventory and collecting 360-degree digital images, at 15 frames per second, gives a visual record of surroundings in real time.

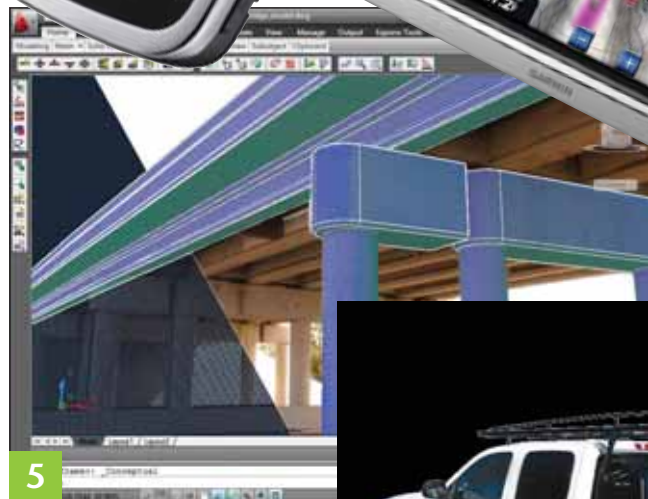
www.topconpositioning.com



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