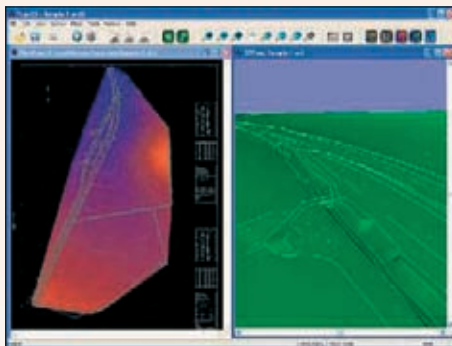


TopoGX 2D to 3D DXF Converter

TopoGX is a software application that converts a 2D DXF drawing into a useful 3D DXF drawing. It is intended for surveyor produced drawings, but is equally suited to any 2D drawing where the Z levels are represented as text items. Additionally TopoGX contains a powerful triangulation engine which can produce a constrained delaunay triangulation (viewable surface) of the 3D drawing almost instantaneously. TopoGX performs the conversion of 100,000's points in a matter of seconds with one click of a button. Typically five seconds on a modern computer system. TopoGX converts numeric text to Z levels, with the X and Y values being selected from an assigned cross, block or line end. Automatic level range correction will filter out incorrect levels, and provide interpolation along polylines where levels may be missing. An intuitive 2D viewer enables the user to zoom, pan, window and centre the imported DXF in plan view. Colour shading the converted 3D DXF according to level height, providing visual feedback of the terrain for quick and easy site appraisal.



Internet: www.cabs-cad.com

The free Google Earth application allows for easy movement around the 3D DXF. Using clear surface provides quick viewing of any survey errors. TopoGX viewer provides additional functionality to display and control contour lines and directional arrows to fully understand the undulations of the surveyed area. TopoGX includes a simple set of DXF tools to insert and edit both 2D and 3D points. A breakline/constraint tool provides further DXF editing where the original data may have been missing or incorrect. The output file formats are 3D DXF file, 3D Polyline mesh in a DXF file, ASCII X,Y,Z file, Micro-DrainageTM triangulated surface *.pwf file, Google Earth Placemark (for UK OS-Grid) *.kml file and TopoGX project *.erd file.

Leica Geosystems Introduces GMX902 GG Receiver

Leica's new GMX902 GG is a high-performance GPS + GLONASS receiver, specially developed to monitor sensitive structures such as bridges, mines or high rise buildings and crucial topographies such as land slides or volcanoes. It provides precise dual frequency code and phase data up to 20 Hz, enabling precise data capture as the basis for highly accurate position calculation and motion analysis. As with the other receivers in the GMX900 family, the GMX902 GG has been designed and built purely for monitoring applications. The key characteristics of the GMX900 family

are low power consumption, high quality measurement, simplicity, durability. The Leica GMX902 GG is an ideal receiver for deformation monitoring with superior tracking of satellites from the both GPS and GLONASS constellations. The GMX902 GG is also a perfect receiver for atmospheric studies and ionospheric scintillation research with 20Hz measurement of high precision dual frequency code, phase and signal to noise ratio.

Internet: www.leica-geosystems.com

Océ TCS300/500 different price

In the Juli/August issue of Geoinformatics were tables with different large format printers. Two of them are the Océ TCS300 and 500, the list price of these printers starts at 8,700 euro and not as mentioned 3,200 euro.

Internet: www.oce.com

Leica Geosystems Announces ScanStation 2

Leica Geosystems announced ScanStation 2, a major advance in the capabilities of pulsed (or "time-of-flight") laser scanners for as-built and topographic surveys. The maximum instantaneous scan speed for ScanStation 2 is 50,000 points/second, more than 10-times that of its ScanStation predecessor (4,000 points/second) and the highest in the industry for pulsed scanners.

Leica ScanStation 2 retains the four fundamental total station features that defined ScanStation™ as a new category of laser scanner:

- Full 360° x 270° field-of-view (FOV)
- Survey-grade dual-axis tilt compensation for traversing and re-sectioning
- Survey-grade accuracy for each measurement
- Excellent measuring distance (300m at 90% albedo)

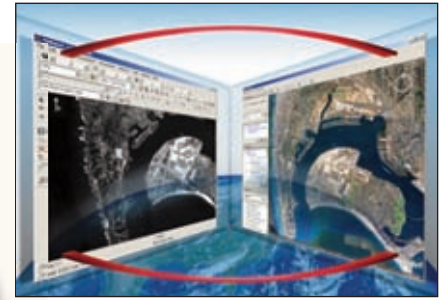
In addition to field productivity gains for many applications, ScanStation 2's bar-raising scan speed also lets users:

- Collect data in tighter time windows
- Reduce time spent in hazardous locations
- Provide project results even faster
- Collect even more complete as-built data
- "Squeeze in" additional service requests from clients

Internet: www.leica-geosystems.com/hds



BAE Systems Software Link-up with Google Earth



A new version of BAE Systems' image analysis and mapping software enables analysts to evaluate and share intelligence data more effectively by integrating with Google Earth, and the ESRI geodatabase. SO CET GXP v2.3 interacts with Google Earth in real time for quick, 3D color visualization and gives geospatial context to objects of interest, resulting in enhanced intelligence for mission planning. With additional tools for detecting changes from one day to the next, analysts can anticipate conditions such as rough terrain or collapsed bridges and pinpoint operational routes more accurately. It also provides a direct connection to the ESRI geodatabase, the Environmental Systems Research Institute's common data storage and management framework. Connection with the database allows users to work with data over secure networks for accurate, timely analysis. SO CET GXP v2.3 is available on Microsoft® Windows and UNIX® Solaris 8, 9, and 10 operating systems and supports ground space graphics for a wide range of government and commercial sources.

Internet: www.baesystems.com

Sokkia Introduces Robotic 3-D Station NET1

Sokkia BV released the NET1 robotic 3-D station offering enhanced measurement efficiency for industrial applications. The NET1 incorporates the latest total station technologies, auto-point, auto-tracking, reflectorless measurement and wireless control to increase efficiency in a wide range of applications. Sokkia's NET series are 3-D industrial stations which can be used doing measurements for shipbuilding, large scale building constructions, general steel construction, wagon construction, wind energy projects, but also for deformation monitoring of tunnels, dams, buildings and landslides. The new robotic 3-D station can automatically search and point to prisms and reflective sheets with an auto pointing range of up to 1,000m using prisms. A dedicated auto-pointing algorithm allows it to sight the target closest to the telescope center, even if other reflective objects are in the telescope's field of view. This new algorithm is indispensable for automatic deformation monitoring applications where fixed targets are repeatedly measured in pre-determined intervals.

Internet: www.sokkia.net



Enhanced Software and Bluetooth for Sokkia's Series 30RK

Sokkia BV, announced that its Series 30RK now incorporates communication functions designed to increase work efficiency with Bluetooth wireless communication and SFX Internet Data Transmission Functions. The SFX function, fitted as standard, enables data transfer via the Internet using mobile phones. The Bluetooth wireless communication function is available now for the Series 30RK as a factory option to provide cable-free communication with data collectors (via integrated Bluetooth technology). New is that the Series 30RK's

Bluetooth wireless communications modules have a dial-up function. SFX can be used without cables if the mobile phone also incorporates Bluetooth wireless technology. Sending and receiving data from the series 30RK can be done immediately in the field by connecting to a mobile phone with a modem. This latest version of Series 30RK is equipped with enhanced software and surveying programs. The Series 30RK have a robust IP66 level of dust and water resistance, reflectorless distance measuring range up till 350m (starting from 30cm!).

Internet: www.sokkia.net

