

Gexcel Launches New Lidar Software and Hardware Solutions



Gexcel, Italy, has announced a new series of software and hardware solutions for the Lidar market able to cover a large range of applications. The range is compatible with all the main laser scanner sensors available in the market such as FARO, Teledyne Optech, Stonex, RIEGL and Zoller + Fröhlich. At Intergeo, Gexcel will present the new release of LineUp Pro, a targetless registration tool, featuring

bundle adjustment.

For the BIM market Gexcel will present the efficient structural analysis tool able to import Revit models, now available in the JRC 3D Reconstructor Construction package. These functionalities were used extensively to check the innovative construction procedures of the Italian Pavilion at the International Expo 2015 in Milan (Italy).

A new release of the 4D Inspector and of the Scan Armor protective enclosure able to transform a FARO Focus into an automatic real-time 3D monitoring station will also be presented. The laser scanner can be remotely controlled and the scanning data, transferred to the PC control unit, is automatically processed to generate a deformation map with email alerts to remote engineers and technicians, remote data storage and a fully embedded PC control unit. The scanning agenda can be set automatically.

To speed up and visually organise the on-site surveying activities on a sketch, Gexcel released LineUp Notes, a unique iPad app to register the scan acquisitions and to pilot the laser scanner. Following Intergeo bundle solutions for piping will be available, whereby the automatic alignment power tools of Gexcel will be integrated with ClearEdge piping software packages.

A new powerful version of the imaging tool PixR³ will be also presented, with a 30-40% reduction of elaboration time and several new useful tools. Visit Gexcel at Intergeo 2015 (stand no. B6.037) to learn more about the new features.