

Intergeo 2009 Karlsruhe:

RIEGL VMX-250

- *RIEGL LMS launches new mobile laser scanning platform*

10/2009

Based on the performance of the revolutionary new V-Line laser scanner generation, *RIEGL* Laser Measurement Systems this year managed again to comply with its slogan „Innovation in 3D“.

The unmistakable *RIEGL* Intergeo stand design provided an overview of *RIEGL*'s wide laser scanner product range for terrestrial, airborne, mobile and industrial applications.

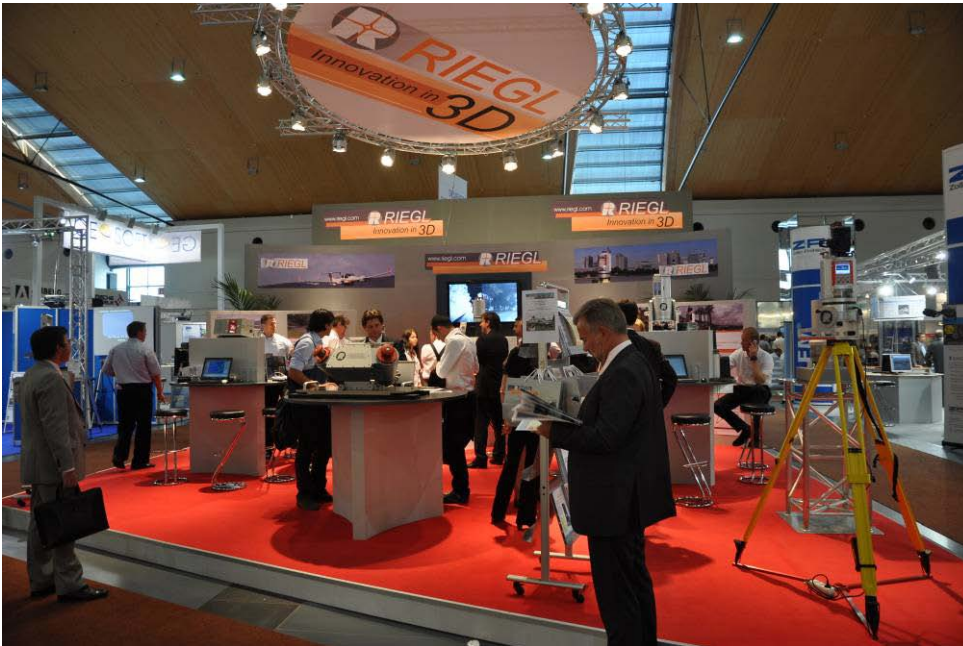
The combination of the last year launched V-Line Laser Scanners with appropriate IMU/GPS equipment results in this year's *RIEGL* innovation: the Mobile Laser Scanning System **RIEGL VMX-250**.

This extremely compact, rugged and lightweight mobile laser scanning system for highly accurate and high resolution dynamic 3D data collection impresses with its extraordinary ease of use which convinced the visitors during the live presentation. The system consists of a roof-carrier-mounted platform carrying two laser scanners, position and attitude sensors (INS) and mounting points for digital cameras or video equipment.

Two *RIEGL* VQ-250 360° “Full Circle” laser scanners provide up to 600,000 measurements/sec enabling an extremely fast, efficient and highly accurate 3D mapping of highways, railways, runways and similar areas of interest. The used revolutionary *RIEGL* technology of “*Echodigitization*” and “*Online Waveform Analysis*” results in excellent multi target detection. By high penetration of hindering objects (e.g., fences, vegetation) even 3D data of partly hidden objects can be acquired. This opens unimagined possibilities of data processing for the surveyor creating highly accurate 3D computer models.

For further information concerning the VMX-250 please visit www.riegl.com/products/mobile-scanning; an entire overview of *RIEGL*'s full product range is presented at our website: www.riegl.com

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RIEGL booth at INTERGEO 2009 Karlsruhe



Rush at RIEGL's open-air presentation of the VMX-250

PRESS RELEASE