

**MEDIA RELEASE**

## **MDL to unveil new underground surveying technology at Kalgoorlie's GME**

**MDL Australia** will show its rugged new void scanner, the VS150 3D laser scanner, and Cavity Auto Laser Scanning (C-ALS) system on **Stand 1123** during the Goldfields Mining Expo (GME) at the Kalgoorlie-Boulder Racing Club from October 28-30, 2008.

The VS150 is designed to measure voids, stopes and rock faces in underground mining environments where access is limited and difficult.

It can be deployed using conventional survey tripods or operated by remote control when fitted to rods, booms, masts, lifts and cranes.

"Typical use will be before and after excavations or drilling and blasting and for end-of-shift volumetric measurements to gain a quick, easy, accurate record of productivity," MDL Australia's Kellie Robertson said.

"And it is easy to use. You do not require technical expertise," Kellie Robertson said.

"As such it is a vital, new piece of equipment for the modern mining engineer."

At 5 kg, the two-axis-motorised VS150 is easily transported. It scans up to 200 points per second, storing this data on PDAs or laptop computers. The data can be exported to most CAD mine survey software packages.

MDL's C-ALS cavity monitoring system is a self-navigating, motorised robotic probe designed to enter and survey dry, abandoned mine workings or cavities.

With a diameter of just 50 mm, the unit can be deployed down pre-drilled boreholes of 65 mm or more. It then uses a miniaturised laser scanner to measure the three-dimensional shape of the void and its surface reflectivity.

### **Further information:**

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