
MEDIA RELEASE

Maptek highlights new software products at QME

Maptek will showcase its two new software applications on **Stand 6125** during the 2008 Queensland Mining and Engineering (QME) exhibition at the Mackay Showground from July 22-24.

On show will be a preview of Vulcan 8 and new features released in I-Site Studio 3.1

Maptek's Vulcan 3D modelling and mine planning software has wide-ranging applications for geology, survey, mine design, optimisation and production.

Vulcan incorporates geotechnical, survey, dragline, drill and blast and scheduling modules, and is used by geologists, surveyors and engineers for exploration, modelling and design, as well as generating accurate mine plans and schedules to maximise mineable reserves.

Vulcan version 8, scheduled for release this year, will introduce the Horizon Adaptive Rectangular Prism (HARP) model, a hybrid of grid and block modelling methods.

According to Maptek, this new method allows quick and accurate modelling of complex geology, without loss of modelling fidelity compared to conventional grid methods.

This allows technical personnel to create a single model representing complex multi-seam, faulted (reverse and normal) deposits with a virtually unlimited number of quality or geotechnical parameters attached to each block.

HARP models can be reserved against simple polygonal limits, as well as complex solid triangulations. Deposits that were once represented by many hundreds of models now have this data stored in a single, auditable file.

Mark Scholes, Vulcan sales manager for the eastern region, said customer focus was an important part of Maptek's business.

"The release of Vulcan 8 will reinforce Maptek's position as an innovator in geological and mine design software," he said.

Also on show will be Maptek I-Site Studio 3.1, the latest development in scan processing software for the mining industry.

I-Site is already used at several coal mines in the Bowen Basin for face mapping, pit survey and stockpile measurement.

It uses drag and drop functionality, and simple menu options, making it easy to use, whether building models, performing data analysis, or creating movies.

Also new from Maptek is the I-Site mobile mapping system, which combines the power of the I-Site 4400 long-range laser scanner with a vehicle-mounted, GPS tracking system to capture fully registered laser scan data from the driver's seat.

Scan data is easily transferred onto a USB drive, which is then imported into I-Site Studio for data modelling and visualisation.

Maptek has been developing 3D software and hardware for more than 25 years. Its products are used at more than 800 sites worldwide, supported by the company's network of 12 offices around the world.

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