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MSR OPERATIONAL AVAILABILITY

Last 20 months	97.9%
Last 9 months	99%



Rapid Align™

It is often required for slope stability radar systems to be moved, either for blasting or to scan a different area of the mine. The problem with all slope stability radar systems is that when the radar is returned to scan a previous area it is a laborious process for the geotechnical engineer to compare the old data with the current data.

In our constant drive to provide the geotechnical community with cost saving tools, Reutech Mining has developed the new optional Rapid Align functionality to remove this constraint. Rapid Align now provides the user with seamless automatic alignment of historic scan data with the current data. This functionality fully exploits the power of the georeferencing capabilities of the MSR. The MSR is currently the only slope monitoring radar system that offers this functionality.

When the user deploys the MSR system, the MSR will automatically determine whether historic data is available inside the selected scan region, the historic data points will automatically be aligned with the new points without any user intervention or data manipulation.

Key features:

- No requirement for the user to position the system at its original position.
- No requirement for the scan area's (old and current) to be the same.
- System will automatically detect overlapping data points between previous and current data scan information.
- Saving of valuable engineering time as no user manipulation of data required.
- The new optional functionality now provides the user with the capability of building a full historic database of the mine's slope movement.
- Rapid Align is available as an option on both the MSR 200 and MSR 300.



*Festive Season
Greetings*



Electra Mining a great success...

The Electra Mining Expo, which takes place every two years, was held in Johannesburg, South Africa in October 2010. The exposition is the biggest of its kind on the African continent and attracted more than 650 local and international exhibitors.

An impressive display boasting both the MSR 300 and the Riegl LMS Z420i laser attracted a large amount of visitor attention.

With the MSR 300 at the stand, it was possible to show future customers why so many current clients have selected the system. A number of new features were also on display.

“From the attendance and comments it is clear that Reutech Mining is now an established and trusted brand in the industry. Our key clients who visited us were very supportive and we are very grateful to everyone who made the effort to come and visit us at our stand. Our team was kept busy and had a great time meeting new friends and spending time with old ones”, says Cala van der Westhuizen, Marketing Manager of Reutech Mining.

A client cocktail function was also held on the Thursday night, with the well preserved mine shafts of Gold Reef City theme park providing an almost cinematic-like backdrop. A select group of customers and colleagues attended the event and it proved a very valuable get together. The function was seen as an ideal opportunity to spend time with existing industry stakeholders, to build lasting relationships with new stakeholders and to promote synergy amongst the various groups.

IMME 2010 - India

Reutech Mining participated at the 10th International Mining and Machinery Exhibition, in Salt Lake City, Kolkata, the premier mining exhibition in India, promoting the MSR technology for Slope Stability monitoring.

Inverse-velocity...



A specific requirement from various users of the MSR range of systems was for the inclusion of an inverse-velocity indicator. The latest MSR software release now includes this functionality.

The inverse-velocity method is a useful technique that can be applied to slope movement data in order to help anticipate eventual slope failure. However, the technique should not be used in isolation, and is generally considered to be more applicable to ductile failures than to brittle failures.

The show took place over the period 10-13 November 2010, and Reutech Mining was part of the South African Pavilion, sponsored by South Africa’s Department of Trade and Industry.

International Society for Mine Surveying Congress held at Sun City, South Africa...

The congress, held from 20 – 24 September 2010, served as a platform to share knowledge in order to advance the science and practice of mine surveying, mining and geotechnical engineering, geology, mineral evaluation and allied disciplines. 42 Countries are represented on the ISM.

This was the first time that this congress was held in Africa. More than 400 delegates and exhibitors from 42 countries were entertained in true African style. The week ended off with an extravagant Gala Dinner.



Cala van der Westhuizen and James Joshua of Geita Gold Mine, Tanzania, a client of Reutech.

Reutech Mining and partners 3DLaserMapping exhibited at the show.

“It was one of the busiest and most interesting events of its sort and was truly beneficial. Many of our current clients came to visit and many new relationships were formed. Looking at the interest as well as the feedback from industry, the future does indeed look bright for Reutech Mining. We would like to thank the organisers for putting together this prestigious event and allowing Reutech Mining to be a part of it”, says Cala van der Westhuizen, Reutech Mining’s Marketing Manager.

Nevertheless, the tool can be a powerful one in the geotechnical engineer's arsenal, and the MSR's highly advanced hardware and software make the real-time application of this technique extremely easy.

Reutech Mining has always been committed to continuously enhancing its product range in response to the requirements of our clients.

Mining Exhibitions a great success as Reutech expands in South America

Reutech Mining's recent exhibitions were successfully launched at San Juan's Argentina Mining and Lima Peru's Expomina, where Reutech with Clonsa Engineering presented to potential customers the MSR 300 Radar. Special emphasis was on the technical characteristics and ability to accurately scan and monitor open pit mines in all weather conditions. Clonsa Engineering are the appointed distributor and

service provider in the South American arena for Reutech and are responsible for upholding technical support to all MSR users in the territory.

At both exhibitions, in Argentina in late August and Peru in early September, various industry professionals visited our stand as well as students of the mining field, all of whom were pleasantly surprised with the high level of technology, software, scope and

reliability that the MSR-300 presents. Of great significance was the amount of systems that Clonsa/Reutech incorporated into the Chilean and global market this year.

We sincerely thank everyone who visited our stand and shared in our experiences with technology solutions for the mining sector.



Marco Pacheco (centre) of Clonsa with prospective clients; enlightens on some of the advanced geotechnical features to be found on the MSR series.



FCC License

Following the successful licensing of our MSR system in the United States, one of our competitors has been using the FCC report to suggest that there was a potential safety risk involved in using the MSR.

The MSR system has always been totally safe, but we nevertheless decided to refer the equipment for further testing to the FCC. Based on the outcome of the tests the FCC

has confirmed that the actual power output of the MSR was only 54mW, which is lower than the output recorded for the equipment manufactured by our competitor. A new license was subsequently issued by the FCC which reflects the correct output.



Staff changes in Reutech Mining

After a successful year for Reutech Mining, the need to expand and be active in more areas has arisen for our group. A few changes have been made to the structure of our business:

Eduann Jacobs, formerly a logistics and support engineer, has been moved into the position of Operations Manager.

Cala van der Westhuizen, of Reutech Mining is now the regional Marketing and Sales Manager for Europe.

Alex Pienaar, has been appointed as Marketing and Sales Manager for the African continent.

Nolene Kritzinger, former marketing assistant of Reutech Mining is now the Contracts and Administration manager of Reutech Mining.

We wish everyone good luck in their various new positions. Reutech Mining is committed to continuously improving and managing our resources to optimize the client experience and achieve great successes with every relationship gained within the Reutech Mining family.



Nolene Kritzinger
Contracts/Administration



Eduann Jacobs
Operations



Cala van der Westhuizen
Europe



Alex Pienaar
Africa



Peter Bradshaw
India & China



Garth Day
South America

Contact us...

Reutech Mining
P O Box 686, Stellenbosch 7599, South Africa
Tel: +27 21 880 1150
Fax: +27 21 880 1842
Email: reutechmining@reutech.co.za
www.reutechmining.com