

Mincom launches new personnel & vehicle collision avoidance system – DACS600

International mining communications company Minecom has received positive industry reaction to their new personnel and vehicle collision avoidance solution - DACS600 (Dynamic Anti-Collision System).

The DACS600 is available through Minecom in Australia, as well as globally through their international dealer channel. Released after extensive research and field testing, the product responds to growing demand for reliable solutions that improve mine safety, in particular tools to reduce accidents involving personnel, and both light and heavy vehicles.

The product utilises proven technology - active RFID - to alert drivers to the presence of both personnel and vehicles within a set proximity. Each vehicle is fitted with a Minecom DACS unit that reads RFID tags. Tags are then attached to vehicles and personnel, with unique ID codes attached to each. When activated, each vehicle-mounted DACS unit searches constantly for RFID tags within the area, with the system able to differentiate between vehicle tags and personnel tags.

When a tag comes within range of the DACS, the unit shows a series of flashing LED lights, along with a pulsing audio alarm designed to alert the driver that extreme caution is to be exercised as someone is in the immediate area. Two separate single digit LCD displays can be found on the face of the unit also, indicating the exact number of vehicles and/or personnel it has found. An additional feature is the ability to use a relay output to power an external siren or a flashing light to alert other vehicles or miners, which further reduces the chance of a collision.

The system can be tailored to suit the unique needs of each mine site, with options for separate RFID tags for vehicles those units that don't need a DACS system, but still need to be visible and protected from collision. Options for personnel include cap lamp tags, which are proven extremely effective in underground mine situations.

The DACS600 uses UHF RFID tags operating at 403MHz, delivering strong RF penetration that allows ample warning distance. Field testing and customer feedback has also shown strong performance around corners also, with a realistic distance of 50 – 100m achieved with line of sight.

Local reception for the DACS600 in Australia has been strong, with a project currently underway to rollout the second stage of an extensive trial for a major Australian mining



company after stage 1 was completed with excellent results. The product has also been well received in the demanding African mining sector, where the product is well supported by Minecom's local partner.

Minecom's Export Manager Daniel Gleeson is currently traveling to meet with international mining companies and promote the benefits of the DACS600, with particular emphasis on meeting OH&S obligations. He recommends an onsite demonstration, to any mining organisation concerned about improving safety.

Minecom is a division of the TR Corporation technology group, with locations across Australasia.

ENDS

About TR Corporation

TR Corporation is a dynamic organisation delivering specialised technology solutions to blue chip commercial and government clients, via five major brands;

- TR Telecom (satellite & wireless connectivity)
- TechRentals (test and measurement rental)
- VMS (calibration and asset management)
- Bearcom (radio communications)
- Minecom (mining communications)
- TR Vidcom (Audio visual and computer equipment).

TR Corporation is owned by Advent Private Capital, an experienced equity group listed on the Australian stock exchange.

For more information on TR Corporation visit www.trcorporation.com

For more information contact:

Melissa Hider, National Marketing Manager
TR Corporation
6 Joseph Street
Blackburn North VIC 3130
Phone: (03) 9896 3002
Email: melissahider@trcorporation.com