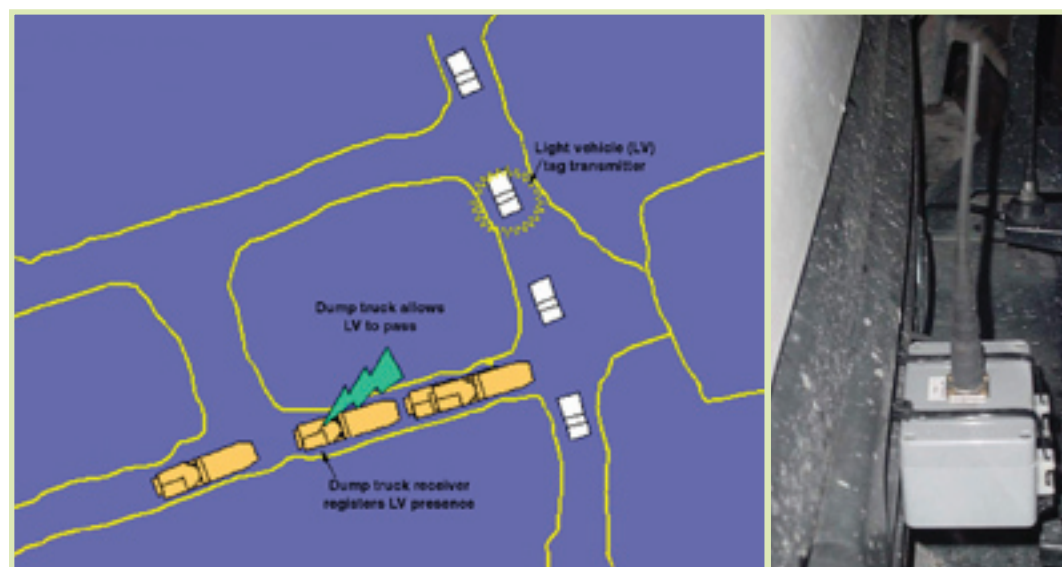


On High Alert

Maptek™ MineSuite™ systems are developed with site safety concerns in mind. A vehicle alert system developed by Maptek has proven industry experience for its innovative approach to solving safety problems.



HIGHLIGHTS

- Vehicle alert system provides visual and audible warnings to the operator
- Operators can be confident that serious traffic incidents can be avoided

Most mine sites recognise the importance of good traffic management. Control mechanisms are commonly in place to minimise the high risks inherent during loading and trucking operations in the main decline or access ways of a mine.

- At main intersections
- When tramming material across main haulage drives
- On curving inclines
- When there are both light and heavy vehicles in a confined area

Maptek built a system that provides a visual and audible warning to the operators of heavy vehicles when a smaller vehicle is in the vicinity.

The system consists of a transmitter unit or active tags for small light vehicles, receiver/ tag reader unit for larger trucks or LHD vehicles, and an RF receiver /tag reader unit at an underground level and fuel bay.

If a light vehicle is within a defined distance, the transmitter sends an encoded message containing its vehicle number to a receiver.

The receiver gives a warning alarm and an identifiable vehicle number appears on the LCD display. The operator of the large vehicle acknowledges the alarm.

Simulating real life scenarios, the operators of early trials were confident that if the system had been in place these incidents would not have happened.

Future development could include an engine management system capable of reporting vehicle location and movement to the surface control room in real time.