



The large number of mobile equipment at a mine site comes with a risk of collision between two vehicles or between vehicles and workers.

The collision awareness system (CAS) offers a safe and reliable solution to prevent this type of incident. It gives the operator a rapid warning (visual and audio), signalling the presence and number of persons and/or vehicles in the proximity with sounds and yellow and red warning lights.

This system is affordable and designed to be autonomous – it works within the **Imagine** by Meglab system using the communications infrastructure that comes packaged with the tag system throughout the mine.







## Our collision awareness offers:


- Precision and reliability of distances using TOF (Time of Flight) technology;
- Creation of two different alarms customized to specific needs (yellow, red);
- Autonomous – The system functions without a server, terminal or network;
- Continuous verification – An automatic testing system advises the operator of any malfunction;
- Minimal maintenance – A single antenna extends outside the vehicle. The risk of breakage is therefore as low as possible and maintenance is minimal;
- Over-the-air updates in real time. Updates are easy to install, and updates can be installed as the software evolves.



Different reaction zones can be programmed in the CAS to emit a different warning to advise of danger within each given reaction zone, according to your preferences.

 Safe

 Warning

 Danger

