



HazardAVERT® PERIMETER GUARD

Perimeter Guard proximity detection uses a cable to generate linear electromagnetic fields and create invisible fencing around restricted areas and work zones, or safety barriers along berms and around equipment.

Custom sized warning and hazard zones along the cable are detected by HazardAVERT® receivers worn by personnel (PADs) and installed on vehicles (VADs). These provide proximity warning alerts or initiate automatic intervention controls to stop moving equipment in an emergency.

Perimeter Guard provides EMESRT level 7, 8 and 9 capabilities.

Safety zones around equipment:

- **Mark off designated areas**

- Used to create permanent or temporary restricted areas, safety zones, lunch areas or work zones underground
- Designed to keep machinery and vehicles from entering the protected area
- The system can be programmed to slow or stop machinery if the zones are breached

- **Conveyor belts and bridge conveyor systems**

- Installed along the length of the conveyor to ensure personnel stay at a safe distance while belt is operating
- Eliminates unsafe practices around conveyors
- Works to prevent collisions from nearby mobile machinery
- Belt can be programmed to stop automatically

- **Continuous haulage system**

- Installed along the length of the system to ensure operator remains in a safe working position away from moving components and wheels
- Equipment and belt can be programmed to stop automatically

- **Safety berms**

- Placed along the berm to provide early audible and visual warning as machinery approached the edge
- Machinery can be programmed to stop before entering an unsafe location

- **Feeder breakers and crushers**

- Looped around equipment to prevent close advancement of workers on foot, or unsafe practices that can result in injury
- Chains, belts and crushers can be programmed to stop automatically

- **Underground diamond drill rigs**

- Installed on drill rig boom and mast extension to ensure workers remain at a safe operating distance from moving and rotating hydraulic components
- Drill rig movement and hydraulics can be programmed to shut down automatically

- **Underground scraper winch**

- Installed in a loop through the gully to detect personnel when the winch operator activates the winch system
- If a person wearing a PAD is present in the gully, the system will alert the operator and will not initiate

