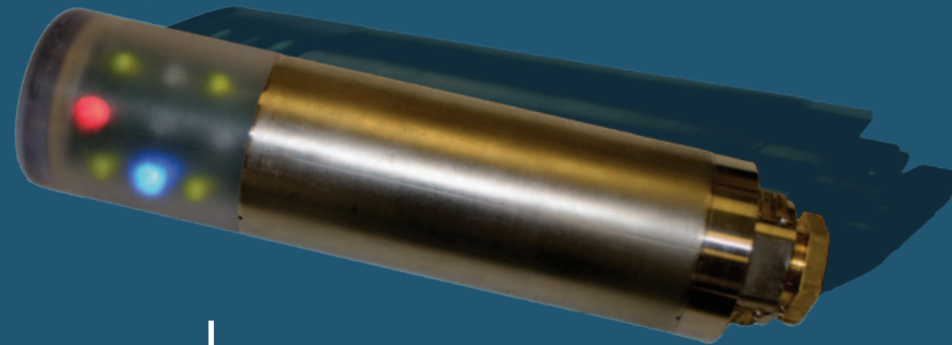


PROXIMITY DETECTION AND COLLISION AVOIDANCE SYSTEM



HazardAvert



Technology For Today,
Foundation for the Future

For more information on
HazardAvert and other MAP products,
visit www.strataworldwide.com

For a HazardAvert mine evaluation
and pricing information, contact Strata
Worldwide at 770-321-2500 or your
local representative:

strataworldwide.com



strataworldwide.com

STRATA M.A.P.

MINE AWARENESS PLATFORM



HazardAvert

HazardAvert is a proximity detection and collision avoidance safety system designed to prevent accidents and injuries by detecting when a person or vehicle enters a specifically marked area, or zone, around an operating piece of machinery.

Highly Customizable

- Field generators allow for customizable zones
- Zones can be configured based on size and machine
- Zones can be set upon installation or remain dynamic
- Machinery can be programmed to stop or slow down

Easy Installation & Maintenance

- Can be installed on most OEM machines
- Quick and easy installation
- Minimal interruption to operations
- Can be installed above and/or below ground

- Proximity Ready Cable & Mount Kit available

- Machinery can be equipped with cables & mounts prior to full installation
- Full installation when mine is ready fiscally or operationally

System Functions & Options

- Dynamic Field: Fields change as needed, like when a shuttle car approaches a continuous miner.
- Configurable Field: Fields are set upon installation and do not change.
- Silent Zones: Generators allow engineers to perform maintenance in a safe zone.
- Operational Safety: Personal Alarm Device (P.A.D.) must be in close proximity for a machine to operate.

Additional Features

HazardAvert is designed to integrate seamlessly with other products in the Strata Mine Awareness Platform including:

- **HazardLink** — Continuously transmit proximity detection data from HazardAvert™ to the surface.
- **Command Center** — Consolidate mining operations in one centralized location.

HazardAvert is currently available on a number of OEM machines, including:

- Coal Haulers
- Shuttle Cars
- Roof Bolters
- Feeder Breakers
- Continuous Miners
- Load Haul Dumps
- Scoops, battery
- Front end loaders
- Light duty vehicles
- Dozer
- Dragline
- Drills

Strata Proximity Ready Kit:

A Preemptive Solution for Preparedness

The Proximity Ready Cable & Mount Kit allows mines to lay the groundwork now for the HazardAvert system, ensuring a quick and final install at a later date.

Instead of waiting until the impending MSHA mandate, mines can prepare equipment when it makes sense fiscally and operationally.

After installing the Proximity Ready Kit, the remaining HazardAvert system components can be quickly and easily installed at a later date when the mine is ready or the mandate is released.

The final install can be completed above or below ground with minimal interruption to operations and productivity.

Key Benefits to Installation

- Cost-effective implementation
- Mandate-ready preparation
- Allows for flexible system installation
- Installation over time

