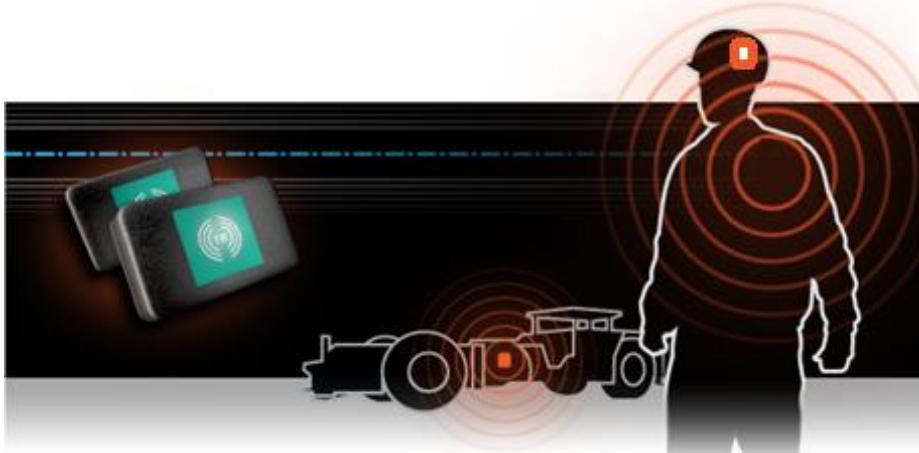


## MineAx® Wireless Collision Avoidance System



Tunnel Radio's Collision Avoidance and Detection System provides early warning alert/alarms for safe separation between Vehicles and/or Personnel at all times.

Based on our mine tested **MineAx®** RFID technology.

### Situation Awareness Features

- Visual & Audio Safety Awareness Alert
  - Heavy Equipment
  - Light Transport Vehicles
  - Personnel
  - Hazards "Cones"
  - Emergency Stop
- 360° indication of all potential hazards simultaneously – best range in the industry
- **Emergency Button** Feature on MineAx RFID Tracking Tag for high level alert
- Tag only solution



### Mobile Data Terminal

Versatile industrial mobile data terminal designed for harsh environments. System will operate stand-alone or integrate into MineAx. Mobile Data Terminal (MDT) is simple to deploy and easy to use. Vehicle Information Management (VIMS) option available.

Utilizing Tunnel Radio's MineAx backbone for connectivity, this system provides full IP network visibility. TR's Wireless Collision Avoidance solution integrates with MineAx RFID tags, offering the longest range in the industry. Safety margin above all other competing technologies. Mag-mount, Bluetooth connect remote antenna, reduces installation time. Designed for use in any vehicle.



## SPECIFICATIONS

## Wireless Collision Avoidance System

U.S. Patent Pending



### MOBILE DATA TERMINAL - MDT

Tablet Size, Inches	8.0" x 5"
Screen Size	7.0"
Weight	20.5 oz, with mount
Screen Resolution	1920 x 1200 pixels, 300 ppi
Touch screen	Capacitive multi-touch, scratch resistant
Connectivity	USB, WiFi 802.11, Bluetooth, T.R. MineAx (150 – 900 MHz)
CPU/RAM	1.5 GHz / 2 GB / 16 GB Storage
Battery	9+ hours of Operation
Operating System	Android 4+
External Connections Required	One 8 – 32 VDC

### GENERAL FEATURES

- Integrates with **existing MineAx** Tracking tags, readers and infrastructure
- WiFi Connectivity to external peripherals
- Bluetooth Remote Reader – Mag-Mount option available, all wireless, no power cable required
- WiFi network Remote Update capable
- Stand-alone operation using versatile Personnel and Vehicle **MineAx** RFID T2 Tag System
- MDT mount - Industrial mil specification

### OPTIONS

- VIM (Vehicle Information Management) capable
- GPS for Surface Operations



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