

# trackaware®

*Intelligent Right of Way Safety & Security Solution*

## *Tunnel*



**Monitor and  
Protect** Vulnerable  
Areas With Advanced  
Artificial Intelligence

**duostech**  
connected intelligence

## Overview

**trackaware®** utilizes advanced, edge-based Artificial Intelligence A.I.\* and machine learning to monitor transit rail facilities and right-of-way to detect and classify the presence of vehicles, people and objects on and around the tracks.

Maintain tunnel clearance with speaker and strobe alerts. Coordinate on-track work with train movements using A.I. recognition to identify workers and maintain Tunnel safety.

## Protect Your Tunnels

using **A.I.\*** to keep every *Right of Way* Safer

\* Powered by **truevue360™** A.I.

## How it Works

01

### A.I. Algorithm Models

**truevue360™** A.I. models are built for every camera view in the defined area using image recognition and classification. Identifies what should and shouldn't be there.

02

### Machine Learning (ML)

Data will be monitored and evaluated by our A.I. engine to create a continuous learning environment.

03

### Layered Technology

Layered technology is used to maximize event detection while minimizing false positives. It can review multiple events simultaneously.

04

### Alarm Management Service (AMS)

The events are embedded into AMS and our **centraco®** user interface which will manage the various reports and alert outputs including audio, SMS, visual, verbal, etc.

## System Benefits



Monitors & Alerts when Track Intrusion Occurs



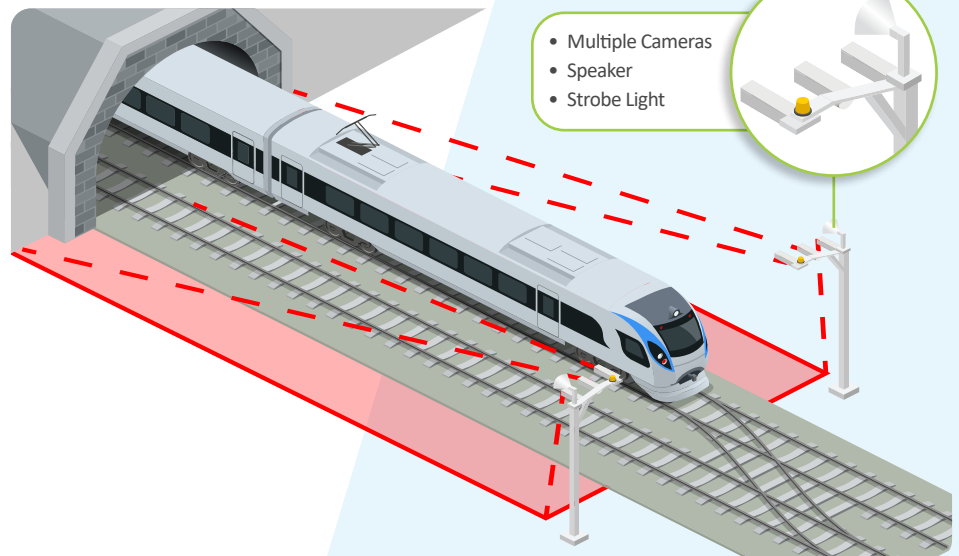
Remote Reset of Alarm



Creates Virtual Boundary with Multiple Zones



Scene Analysis & Reporting through U.I.



Contact Us | All products, systems & solutions are backed by duostech 24 x 7 x 365 global training, maintenance & service program



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