

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



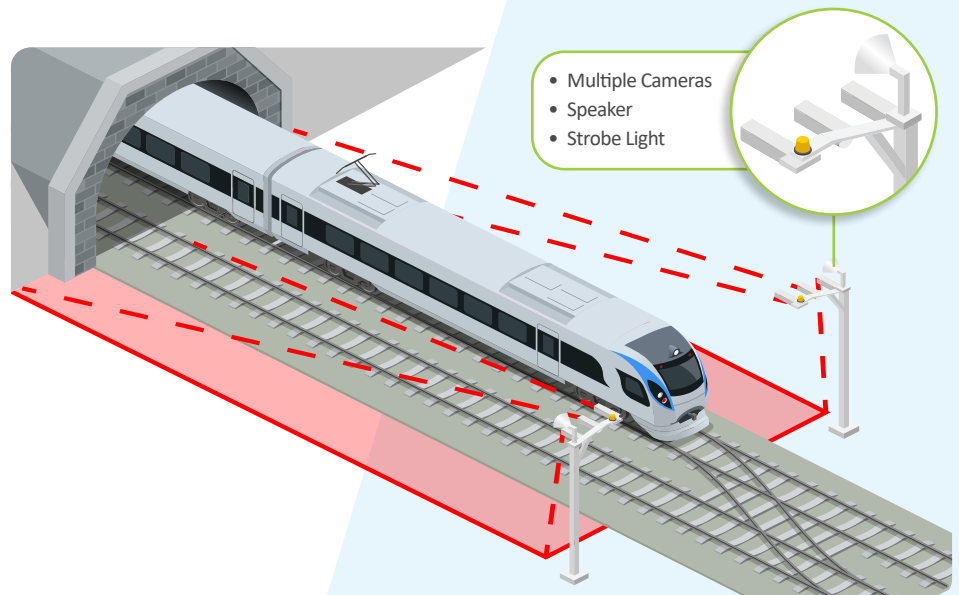
Remote Reset of Alarm



Creates Virtual Boundary with Multiple Zones



Scene Analysis & Reporting through U.I.



- Multiple Cameras
- Speaker
- Strobe Light

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



904.296.2807



sales@duostech.com



www.duostech.com



7660 Centurion Parkway
Suite 100
Jacksonville, FL 32256