TSA
In-Vehicle Driver and Speed Alert system

Touchtech
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The Touchtech Speed Alert (TSA) System encourages safe driving by providing an alarm to drivers when they are speeding. TSA uses GPS co-ordinate 'Geofences' to map out speed zones that can have individual speed limits attached to them. The system monitors travel through the geofenced areas and alerts a driver if they are exceeding the limit in a particular zone. The ease of creating geofences and the flexibility to apply speed limits makes the system ideal for remote areas where speed poses a particular risk to safety. TSA makes it straightforward to inform drivers and monitor speed related safety in areas that have previously been difficult to manage.

BENEFITS

✓ Dash Display shows driver the current speed limit

✓ Reduces reliance on costly signage

✓ Driver is alerted instantly when speeding via visual & audible alarms and given time to reduce their speed

✓ If a driver continues to speed TSA logs the event and sends an alert via satellite

✓ Server based software records all the alerts with the ability to notify staff via email

✓ Ability to poll a vehicle location via satellite and display on a GIS mapping system

✓ Driver can request assistance via the alert switch on the Dash Display which sends an alarm with the vehicle's location & ID

✓ All geofence information is stored in the vehicle processor to allow instant alerts to the driver. No connection to a server is required which allows true remote location operation

✓ Satellite connection costs are kept to a minimum by storing all incidents in the vehicle processor with a black box approach and only transmitting a configurable number of records per day

✓ Web application provides mapping of vehicle locations and access to alert records

✓ Web application manages all satellite communications

FEATURES

✓ TSA handles large & complex geofences catering for virtually any scenario

✓ Geofences also allow inclusion & exclusion zones to restrict where vehicles can travel

✓ TSA web application can be hosted externally by Touchtech or installed on a customers internal network

✓ TSA is highly configurable to suit the needs of individual customers

✓ TSA is designed to be easily installed to minimise cost of installations

✓ TSA was developed specifically for mining exploration vehicles. However, the system can be applied to any scenario where speed related safety, access and egress control compliance are a concern

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