RescueNet Road Safety

ZOLL®

Proactively modify driver behavior, improving safety and reducing maintenance costs.

RescueNet®

A complete hardware and software solution

The RescueNet Road Safety system includes both hardware and software specifically configured to meet the requirements of your fleet. The system components include:

- On-board computer collecting driver data
- Accelerometer module monitoring vehicle G-forces
- Transceiver downloading data to the base station
- Audio speaker providing audible feedback to the driver
- Driver ID receiver used by drivers to log into the system

RescueNet Road Safety is similar to the “black box” technology used aboard commercial aircraft to record flight data.

It measures both vehicle and driver performance including multiple inputs such as:

- Speed
- RPM
- Brakes
- Turn signals
- Emergency lights
- Siren activation
- Seatbelts
- Spotter switches

G-forces are monitored and recording during turns, accelerations and decelerations. Drivers are then given audible feedback to help the driver immediately adjust driving behavior resulting in safer operation of the vehicle.

Proactively modify driver behavior

Because the RescueNet Road Safety system provides immediate, audible feedback to drivers, they are able to adjust driving behaviors and proactively make changes resulting in safer driving with minimized impact to vehicle wear and tear.

Other systems rely on video recording to identify unsafe behaviors after they have occurred and the video has been analyzed. They provide no immediate feedback and are completely reactive methods of improving safety, rather than proactive feedback that is provided by RescueNet Road Safety.

Prevent ambulance crashes

Ambulance crashes can be a nightmare for EMS organizations. They cause serious injuries to drivers, patients, and the public. Unfortunately, agency credibility and public trust are impacted when these crashes occur. Additionally EMS organizations saw a 31% decrease in collisions over 3 years following implementation of RescueNet Road Safety and the collisions were much less severe with costs per claim decreasing by 75%. EMS organizations also reported a 30% reduction in insurance premiums and one organization reported logging over 3,000,000 miles with no injury crashes.

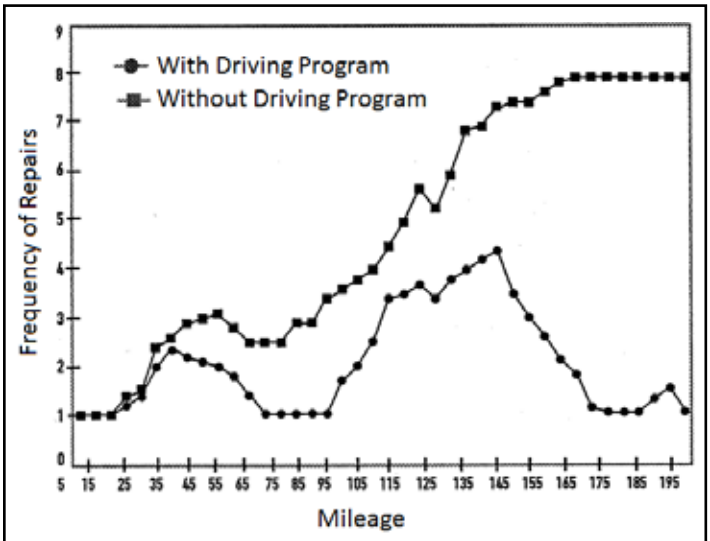
Minimize vehicle maintenance costs

Safer driving behavior directly impacts vehicle maintenance and repair costs.In addition to causing crashes, unsafe driver behavior also has a negative impact on vehicle maintenance costs. Brakes, tires, transmissions, and bumpers must be repaired and replaced more often when drivers are not diligent about safe speeds, turns, braking, and rear spot checking. Additionally safe driving behavior results in improved fuel mileage.

EMS organizations implementing RescueNet Road Safety have seen dramatic return on initial investment, reporting that the system pays for itself within 8-24 months, resulting from reduced maintenance costs alone. Specifically customers have reported the following critical improvements:

- Over $1500 savings in maintenance costs per vehicle, per year
- Vehicle life expectancy increased by 20%
- Over 30% decrease in costs tied to crash related repairs

RescueNet Road Safety customers have also reported that mechanics are no longer spending the majority of time on unnecessary repairs and have more time to keep up with scheduled maintenance responsibilities which further reduces costs and ensures safer fleet operations.



EMS organizations using RescueNet Road Safety have seen dramatic decreases in risky driving behaviors that directly contribute to ambulance crashes.

An effective management tool

RescueNet Road Safety provides detailed reporting to help managers and supervisors effective focus on safety initiatives. The Driver Grading Summary Report provides the perfect way for managers to set driver standards and clearly identify driver behavior that falls outside those standards to support both employee incentive and disciplinary programs. Driver behavior is identified for both emergency and non-emergency situations.

A variety of exception reports allow managers and supervisors to review and take action both on individual driver behavior and the actions of the entire team. Typically 5% of the emergency response team is responsible for 95% of the accidents and at-fault situations. The detailed reporting provided by RescueNet Road Safety helps managers to focus specifically on the situations requiring correction.

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