

DriveAware™ was founded in 2014 as a licensee and licensor for inthinc Technology Solution’s patented driver behavior change services and solutions. Successfully used by a wide bandwidth of customers, inthinc’s products are the success story in driver behavior improvement.

## Aspects of Driver Behavior Improvement

### Safety Aspects:

- Reduction of driver and passenger injuries and fatalities
- Increasing survival rates in accidents
- Reduction of external crash-related damages and casualties

### Social Aspects of Driver Behavior Improvement:

- Positive safe-driving awareness in community
- Environmental consciousness
- Reduction in carbon emissions

### Fleet Performance Aspects:

- Reduction of vehicle crash cost
- Increasing fuel economy
- Reduction of down-time
- Reduction of maintenance costs
- Reduction in idling

The next generation of Fleet Management and Driver Assistance systems requires sophisticated analytical tools and highly accurate data collected from vehicle and driver, or provided from databases.



## Products and Services offered by DriveAware™ – tools to avoid accidents and increase fleet and driver performance



## Posted Speed Limit Database

**Monitoring systems that seek to identify speed infraction based on one single maximum speed limit or available but in-accurate map data fail to address the most critical road segments.**

- Most maps and databases do focus on “A-roads” such as freeways and major highways
- Secondary and local roads combine for the majority of the total North American road mileage
- Secondary and local roads feature very inhomogeneous speed limits, mostly in between 15 and 50mph.
- Secondary and local roads account for the most accidents and road fatalities

**Using Speed-by-Street™ verified speed limits as a basis for driver monitoring, scoring and mentoring is the only way to accurately identify speed infractions on all road types. Only those monitoring systems that correctly and indisputably identify speed infractions will be accepted from the drivers and be able to positively influence the driver behavior.**

### Speed-by-Street™

- Superior database for VERIFIED posted speed limit data
- Highest accuracy and reliability for all road types (available sources mostly focus on “A-roads” such as freeways and major highways)
- Currently available for North America
- 95% of all North American road segments verified by early 2016
- 99% of the evaluated speed infractions are correctly identified for current customers
- User interface for change requests
- Daily database updates

## Cell and Text Detection

**Innovative in-cab installed technology to effectively monitor cellphone use while driving to minimize negative effects of driver distraction. Foolproof cell/text detection for real-time driver feedback and monitoring solutions covering every device brought into the vehicle – not just devices that are registered and/or have specific software or apps installed.**

- Detection of in-cab use vs. external use (safe against false reporting)
- Detecting communication through data connections.
- Reporting through vehicle telematics/tracking system
- Direct driver warning/notification with optical/audio enabled telematics systems
- Notify fleet managers in real time
- Record events when vehicle is in motion and devices are used

## Safety Software

**inthinc Technology Solutions is the leader in real-time, in-vehicle driver monitoring and mentoring systems. DriveAware™ now supports a wider market with the proven components of inthinc’s safety software - covering the most critical factors in driver behavior management by analyzing external data and information of the vehicle bus system - for monitoring, mentoring and verbal feedback information.**

- Aggressive Driver Monitoring and Mentoring (Speeding, Hard Braking, Hard Acceleration, Unsafe Turning, Hard Bump Events)
- Crash and Roll Over Monitoring (Detection, Data, Trace)
- Seatbelt Usage
- Fatigue (Driving hour analysis and HOSlogs)
- Idling (Increase of fuel efficiency, Reduction of emissions)
- Driver Performance Scoring (Incorporating Severity of Events)
- IFTA Reporting and full HOS compliance
- Inspection reports and fuel stops
- Backup events
- Workforce Automation

## Vehicle Bus Emulations

**DriveAware™ provides access to the vehicle bus system for vehicle models of more than 50 manufacturers – accessing the most important vehicle status and health information.**

- Engine Speed, Vehicle Speed
- Throttle Position, Gear Position
- Brake Switch/Pressure information
- several other information

## Trailer Tracker

**DriveAware™ provides a trailer tracking solution that simply ties into the existing telematics system of the tractor.**

- Ties into existing wiring harness for power supply – no batteries or alternate power sources
- Automatically pairs trailer to tractor
- No manual trailer assignment
- Ruggedized design