Information = Knowledge

Introducing Astrata's Accident Buffer

The use of a black box in the airline industry is of course nothing new. However, using a similar concept in road vehicles is something that location-based solution leader, Astrata, has been pioneering for a number of years.

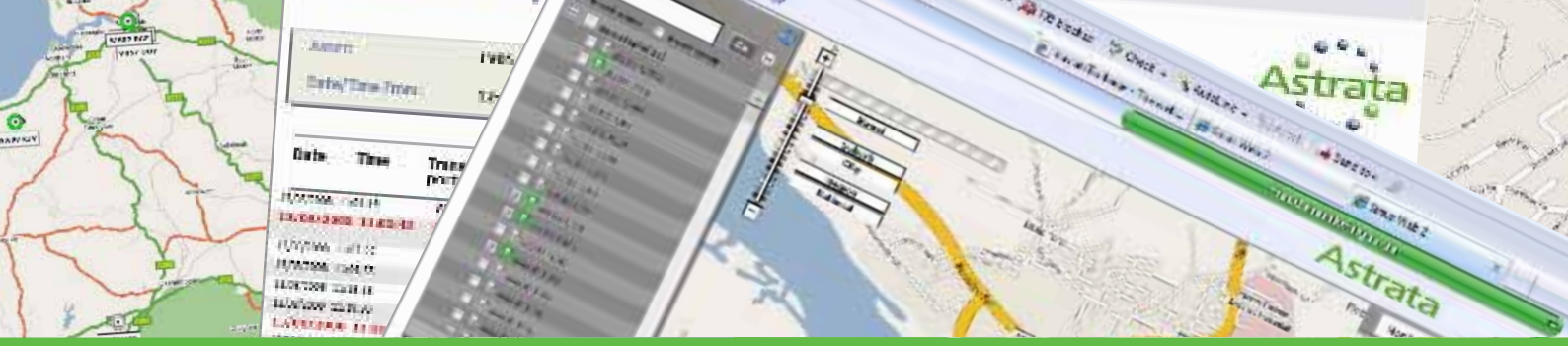
Providing high frequency data before and after a detected collision can now be added as part of Astrata's standard fleet management solution. This will provide fleet operators the chance to reconstruct the in-vehicle situation before and after an accident.

How does it work?

Using Astrata's proven vehicle tracking system in conjunction with the company's Geo-Location System (GLS) software, enables users to visualize the high frequency buffer data. The software can download the data automatically in order to provide on-screen replays and reporting.

Astrata's Global Sales & Service Director, Shawn Sanderson, comments:
"The idea of an Accident Buffer fits very well with Astrata's existing clients who want to improve safety. It gives enhanced data to fleet operators and as such, provides a reliable account in the event of a road accident. This of course can then be invaluable when dealing with any emergency services and/or insurance companies following an incident."

The Accident Buffer relies on Astrata's integrated three-axis accelerometer, which detects an accident event and records four minutes of data before the event and one minute of data after the event to the memory in the device. This data can then be downloaded via the GSM modem by the GLS software. The data shows how the vehicle was being driven before and after the accident, critical data such as speed, position and heading and can then be used to verify the pre and post accident conditions.



GLS

Astrata's GLS is a complete Client/Server-based Fleet Management System (FMS), which has been designed for managing large fleets in a high security control centre environment supporting multiple clients seamlessly from a single central installation. The User Interface, which hosts numerous functions appropriate to Vehicle Tracking and Fleet Management is practical and simple to use and gives customers complete confidence in a comprehensive package. GLS has been designed to accommodate millions of assets by scaling to utilize multiple servers or can be implemented on a single server for turnkey applications.

The GLS has a highly scalable architecture that allows the entire system to be installed onto a single PC for small fleets or across numerous server class computers in order to achieve the high throughput required by very large fleets. The architecture can support one million assets based on event processing or can be zoomed in to support manual and intense supervision of a select group of assets.

The system supports multiple independent fleets on the same hardware and introduces innovative technology features for scalable telematics systems that handle up to a million assets.

Astrata has designed, developed, manufactured and currently supports ten generations of telematics systems with units deployed worldwide.

Astrata has offices throughout the world including the United States, Europe, the Middle East and Asia.

For further information please visit **www.astratagroup.com**

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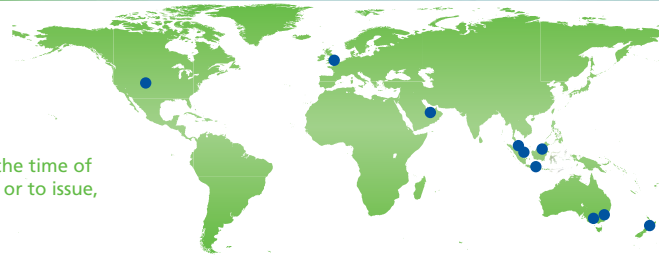

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