



Media Release – December 2008: Perth, Western Australia

**FASTWAVE'S INNOVATIVE SATELLITE VEHICLE TRACKING AND SAFETY SYSTEM  
WINS THREE INDUSTRY AWARDS**

During the recent Australian Pipeline Industry Association (APIA) conference, the Fastwave developed Vehicle Safety and Speed Monitoring System (VSSMS) won the Association's national safety award for 2008, after being jointly nominated by WestNet Energy and Dampier Bunbury Pipeline Ltd.

In September 2008, the system won the Australian Fleet Managers Association (AFMA) 2008 Safety Award.

In March 2008, the system was voted by over 200 industry representatives attending the Chamber of Minerals and Energy Safety Conference as the best safety innovation for 2008.

The system has been developed by Fastwave Communications in response to a growing requirement from mining, energy, construction, transport and utility organisations to improve the safety of their vehicle fleets operating in remote parts of Australia and overseas.

It provides the driver with a wireless panic alarm button should an emergency occur. When initiated, an SMS and email panic alarm will be delivered within seconds from any location in the world, and a panic alarm displayed on the web based system interface.

Statistically, driving is the biggest risk for both employees and contractors, with excessive speed being a major contributor, especially on gravel roads. The VSSMS uses GPS to determine vehicle speed and location, and transmits this information in near real time to a web based central safety monitoring console. The "black box" in the vehicle constantly monitors its speed in relation to safe speed limits established for each section of road. The speed zones are established using virtual boundaries, or geo-fences, and can be set appropriately for specific road conditions (eg bitumen or gravel). If a speeding event occurs, an alert is generated on the Google Earth system display, along with an email and SMS. All speeding events are logged for each vehicle and captured on automated daily, weekly and monthly reports, delivered via email.

The system's capabilities are effective in supporting improved compliance with speed limits, with WestNet Energy attributing a 50% decline in vehicle incidents, rollovers have reduced by a factor of 4 and there have been zero fatalities since the introduction of VSSMS on over 350 vehicles operating in some of Australia's most remote and inhospitable terrain.

The system can also be used to enhance journey and fatigue management procedures by providing automatic notification and alerting of when a vehicle departs or arrives at specific destinations, and when mandated rest breaks are overdue.

About Fastwave

Fastwave Communications is a Perth, Western Australia based company specialising in the development of remote monitoring, control and tracking solutions for organisations with personnel, assets and equipment located in remote parts of the world.

Fastwave solutions utilise the Iridium Satellite System, the world's only global mobile satellite voice and data communication network, to provide near real-time data to and from any location in the world. Fastwave is an Iridium Value Added Manufacturer and Service Provider.

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Screenshot from Fastwave Tracking System

