



PRESS RELEASES

April 2007



Fleet Management Systems

has been chosen by Nottinghamshire Police
for the Provision of Vehicle Data Recorders

Subject: Advanced Police Telematics Systems



AREAS COVERED BY THIS PRESS RELEASE :

AES have been awarded the first vehicle intelligent data recorder system that uses wireless LAN / GPRS/ TETRA to download bulk journey and incident data from operational police vehicles

VIDR provide real time alerts

VIDR eliminate the need for manual logbooks

VIDR provide evidential accident reports

VIDR introduce automatic log on to vehicle mobile data systems using RFID

Benefits:

Lowest cost communication routine

Environmental performance reporting

Improved fleet utilisation

Dynamic training needs analysis

Paper less report streaming through web access back office system

Please see next pages for the complete and detailed press release

We also welcome you to visit us on Stand 200 for further information

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M-Flow has been selected by Nottinghamshire Police Authority for the Provision of Vehicle Intelligent Data Recorders (VIDR) for an initial 100 vehicle roll-out following a successful tendered competition and evaluation.

VIDR are to be fitted in police cars to help prevent police vehicle accidents, improve fleet utilisation and better manage the fleet's environmental impact. The M~Flow statistical analysis package displayed through its back office system will help the Authority's stakeholders provide improved driver training and roads policing issues through a series of exception alerts and reports.

The Incident Data Recorder element is similar to airplane flight recorders; they store information such as the speed at which a vehicle was travelling at prior to a collision, gear-changing ratio, breaking and the use of blue light equipment.

Chief Inspector Andy Charlton, Head of the Nottingham Road Policing Unit, said:

"The force revised its driving policy in April 2005 to ensure that only correctly trained Notts police drivers respond to appropriate incidents." The installation of Incident Data Recorders follows a lengthy and detailed evaluation period to assess their effectiveness." These recorders will provide detailed evidence about how an officer has been driving in the event of a collision, this information will be vital to establish exactly what happened, and will offer protection to both the public and the police officers.

"Other forces have shown a reduction in collisions involving police vehicles following the installation of these recorders, and we hope to see a similar fall in Notts."

Telematic Element

The introduction of the M~Flow VIDR will create wireless link for platform derived data that will be sent over one of several bearers to a sophisticated back office system. This will effectively see an end to manual log books which in turn will save police officers' time and improve the way key fleet issues are identified and managed.

Following the tender selection process M~Flow worked through a detailed evaluation program led by the Nottingham Police appointed Project Manager Sgt. Paul Hancock.

The evaluation which included; operational and track testing trials considered the security implications of a telematics systems using Wireless LAN technology, looked at the integration of vehicle mounted communications bearers and ways in which these can be rationalised to reduce costs on a whole fleet basis. Lowest cost routing processes were developed from the work completed; real time alerts (such as incident warnings and AVLS data) were prioritised over the Tetra network with automatic back up through GPRS in the event of coverage issues. .

Several driver identification schemes were also tested, this work will provide Police Forces with the link between driver and vehicle performance, help in training and authorised driver management processes. Future use of this technology could also see the introduction of automatic mobile data system log-in procedures.

Nottingham Police are joining a growing list of authorities who wish to take a proactive duty of care stance by employing the M~Flow specialist emergency service fleet management system. This health, utilisation and monitoring system will result in improved service levels, increased public confidence and bankable savings.

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