

Fleet Management System Integration

Enhance your fleet management system by adding Video and Audio.

Nowadays, fleet management system can only provide GPS positioning of the vehicle, but the need to view video images are increasing day by day. Video images are essential in traffic accidents to avoid wasting huge amount of money in lawsuits.

VPON Mobile DVR VP-5004 can record **high-quality video images** and **transmit real-time images through 3G/GPRS**, protecting the vehicles and reacting to emergencies at utmost speed.

Depending on the desired **level of integration**, VPON provides the following 3 solutions:



1st level integration: Record Video with Vehicle information acquired from your device

Integration between Mobile DVR VP-5004 and your device (vehicle tracking component) can be achieved using RS-232 communications. Your vehicle tracking component sends the vehicle information to our DVR and it will be recorded with the video. During the playback, your customer can see the status of the vehicle and view the recorded video at the same time, giving him exact and precise knowledge of what happened.

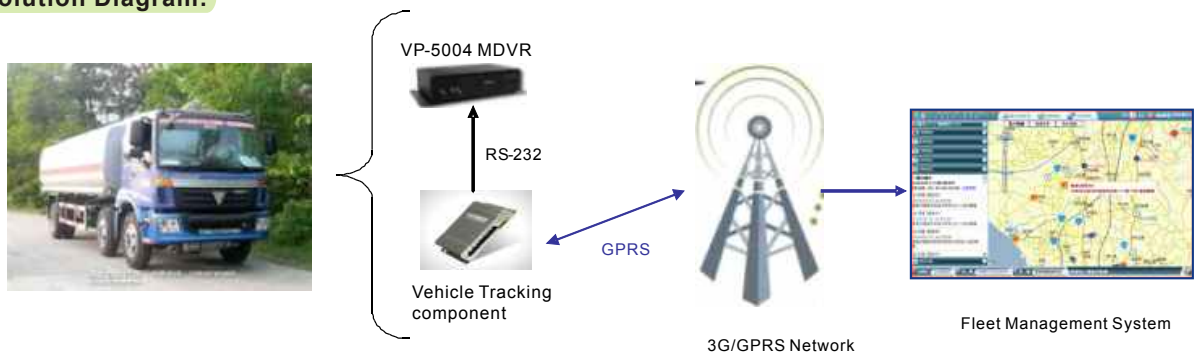


Playback Video + vehicle information

Outstanding Features:

- Rugged DVR (Anti Destruction One-Piece Superstructure)
- Heat-Resistant Fanless Design
- True Anti-Vibration, Anti-shock (US Military Standard MIL-STD-810F/G Certified)
- Avoid video tampering with watermark technology

Solution Diagram:



Demo Video: <http://www.youtube.com/watch?v=WgDap7pr85Q>

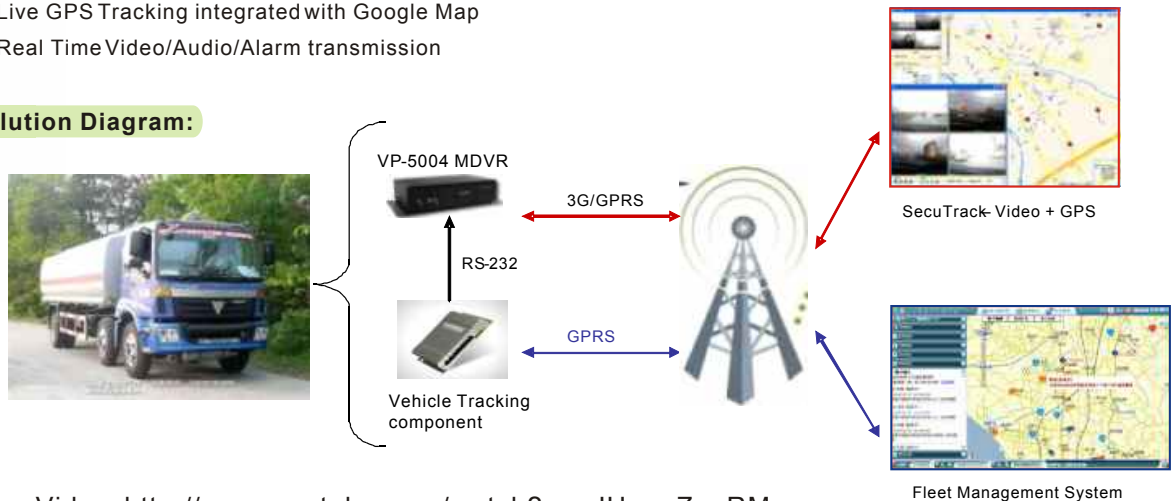
2nd level integration: add Real-time video monitoring using SecuTrack (Central Tracking/Monitoring System)

Your customers may want to view the real-time video, with VPON Mobile DVR VP-5004, your customer will enjoy the thrilling experience of seeing real-time video and GPS Position using SecuTrack, our Central Tracking/Monitoring System.

Outstanding Features:

- Dual Streaming Technology (record high quality video while transmitting "bandwidth-friendly" streaming)
- Live GPS Tracking integrated with Google Map
- Real Time Video/Audio/Alarm transmission

Solution Diagram:



Demo Video: http://www.youtube.com/watch?v=nJUappZe_RM

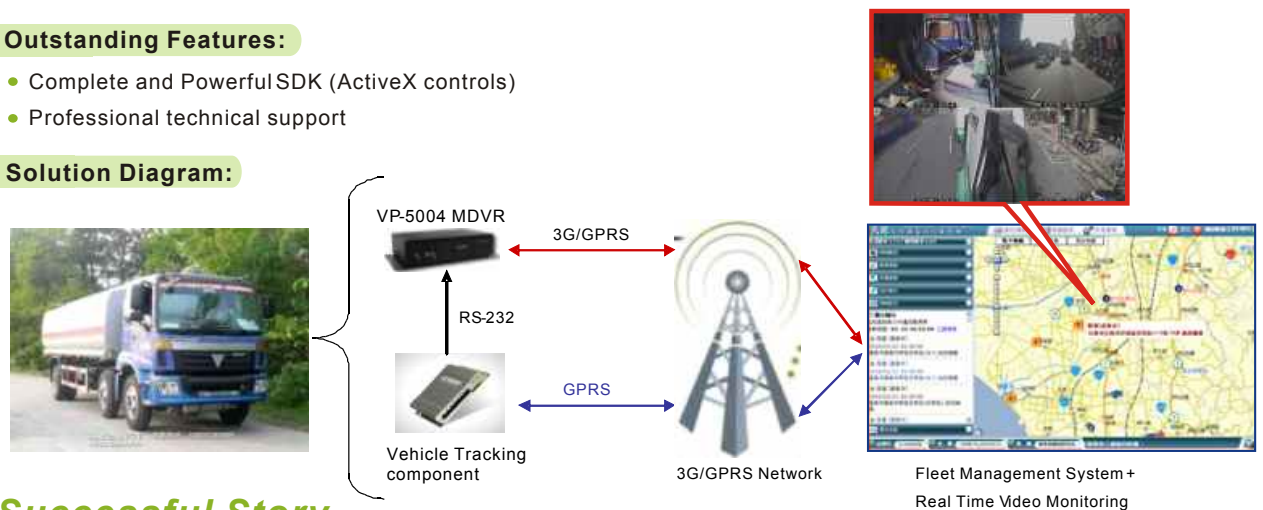
3rd level integration: real-time video monitoring using your fleet management system

You may want to embed the live video into your fleet management software. To satisfy your needs, VPON provides a SDK that can be integrated easily to your fleet management software. Access to our video in real-time directly from your software, providing a fully integrated video / tracking solution to your customers.

Outstanding Features:

- Complete and Powerful SDK (ActiveX controls)
- Professional technical support

Solution Diagram:



Successful Story

Formosa Plastics Transport Corporation established in 1964, invested by Formosa Plastics Corporation, Nan Ya Plastics Corporation and Formosa Chemicals and Fiber Corporation, has a fleet scale exceeding 1500 trucks and is the 11th big transportation company in Taiwan.

In order to upgrade their Fleet Management System, they successfully applied the 1st and 2nd level integration with our product. Installed on their oil tank truck, the Mobile DVR VP-5004 provides real time remote video surveillance through 3G/GPRS network to their control center.

For more information: <http://vpon.wordpress.com/2011/07/29/formosa-plastics-transport-corp-uses-vp-5004-mobile-dvr/>