



Vehicle Telematics
Information System

v-SPEED

GSE Over-Speed Monitoring Module

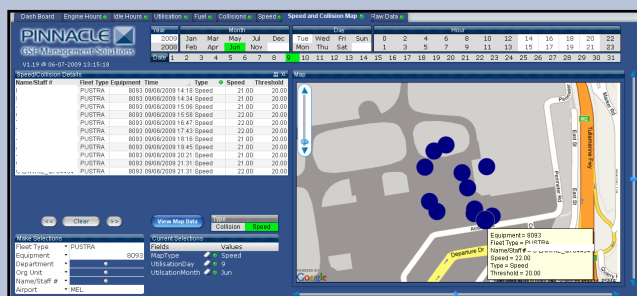
.....improve ramp safety.....reduce your fuel bills.....less vehicle wear-and-tear.....cut down on accidents.....

In today's busy airport environment, with the ever-increasing pressure to improve turnaround times due to limited slots, every second counts on the ramp.

Everyone knows that ramp safety is paramount – but there is always the risk that corners will be cut, and basic airport safety could be jeopardised as simple rules and regulations, such as speed limits, are ignored in an attempt to save time.

As an add-on to our **VTIS v-HUB** fleet management system, **v-SPEED** is a speed monitoring module suitable for all types of motorised Ground Support Equipment. When the system is set up, a speed threshold is set via software – this threshold can be different for each individual GSE, or can be set a certain level for each family of equipment.

Using advanced GPS (Global Positioning System) measurement technology, **v-SPEED** constantly monitors vehicle speed. As soon as the threshold is exceeded, **v-SPEED** transmits an alert message, containing the actual speed recorded, location, date, time and GSE fleet number. If the GSE is also equipped with our **v-LOCK** system, the identity of the driver will also be included.



This alert message can be transmitted directly to key staff on the ramp or in the control room, via an SMS/text message or as an email. Alternatively, if you are using our **v-TRACK** mapping system, the alert message can appear as a flag on the map showing the location of the over-speed event and other key data.

If you don't need real-time notification of over-speed events, all data can be stored and sent to you regularly in the form of an Excel spreadsheet or alternatively can be viewed on-line via our **v-DASH** or **v-VIEW** reporting systems.

CUSTOMER Excessive Speed Report							
Date: Monday xx/xx/2006							
Driver ID	Vehicle Type	Vehicle ID	Time	Latitude	Longitude	Threshold	Speed
DR1000	Main Deck Loader	V1000	01:30	4.761570	52.294168	10	15
DR1001	Main Deck Loader	V1001	12:34	4.784445	52.297800	10	12
	Wide Deck Loader	V1002	15:45	4.783991	52.121937	10	14
	Wide Deck Loader	V1003	09:12	4.775460	52.295562	10	14
	Pallet Transporter	V1004	08:34	5.000021	52.294858	10	15
DR1002	Pallet Transporter	V1005	14:22	4.761570	52.295562	10	14
DR1006	Fork Lift	V1006	15:54	4.786533	52.135633	15	18
DR1007	Fork Lift	V1007	18:12	4.122110	52.295562	15	16
	Belt Loader	V1008	20:12	4.781232	52.834747	15	17
	Belt Loader	V1009	07:22	4.778965	52.295562	15	18
DR1008	Hybrid Tractor	V1010	08:58	4.783991	52.295562	20	22
DR1009	Hybrid Tractor	V1011	12:38	4.890764	52.173848	20	22
DR1010	Tow Tractor	V1012	18:16	4.778965	52.281380	20	21
	Tow Tractor	V1013	11:51	4.908876	52.827934	20	22
	De-icer	V1014	12:41	4.652370	52.295562	20	24
	De-Icer	V1015	15:21	4.778965	52.936535	20	22
	Tow Tractor	V1016	16:45	4.908876	52.128935	20	23

Features

- Pre-defined speed threshold, set on an individual or GSE family basis
- Threshold can be adjusted "over the air"
- No additional vehicle hardware required
- Over-speed data can be viewed in several ways:
 - ⇒ Via real-time alarms (SMS/email)
 - ⇒ Via **v-VIEW** or **v-DASH** reporting systems
 - ⇒ As an alert on **v-TRACK** airport map
 - ⇒ As an historical report or spreadsheet (via **v-MAIL** reporting system)
- Can be linked to **v-LOCK** access control module to further improve safety
- Compatible with **VTIS v-HUB** product range

Benefits

- Improve ramp safety
- Reduce fuel bills
- Less vehicle wear-and-tear
- Reduce maintenance bills
- Cut down on accidents and damage repair costs
- Environmental benefit (reduced fuel usage)
- Increased employee accountability

.....reduce your maintenance bills.....lower fuel usage.....increase employee accountability.....less damages.....