

Shock Sensor Module

'We've managed to reduce our damage costs by over 60%, giving us a return on our original investment' Manufacturing Customer, UK

- Ensures Management Control
- Reduces Damage Costs & Associated Down-Time
- Prevents the Operation of Damaged Vehicles
- Encourages Driver Responsibility
- Improves Driving Practices

With operator costs representing 70% of overall vehicle running costs and with 40% of all out of contract costs attributable to driver error, it is critical to be able to identify those accountable for damage and to understand the reasons why certain incidents are more frequent in specific departments and hard-to-work areas.

Careless and aggressive driving styles can cause expensive damage to vehicles, product and infrastructure - also increasing down time costs - so being able to monitor events is essential to management control and reducing incidents.



Impact audio/visual indication

The **TruckLOG® Shock Sensor Module** can be installed on to all types of materials handling vehicles and will alert you to all incident impacts. The module gives you the control you need to monitor the frequency of incidents and the drivers responsible, and can be expanded to provide you with more data, helping you to evaluate the associated costs.

The shock sensor module is installed alongside our Access Control Module and is available in three options:

1 Access Control Plus – Audio/Visual Alerts

This Shock Sensor module can be programmed to activate an audio or visual alert on the vehicle itself when an unacceptably high shock is registered and your chosen preset threshold has been exceeded. Only supervisors designated to inspect and reinstate vehicles using a RESET Smart Card can cancel alerts.

2 Access Control Plus – Audio/Visual Alerts + Basic Administrative Software

This Shock Sensor module will activate an audio or visual alert on

Data Extraction Card		Truck ID: 006	Fleet Number: 6		
PIN	Driver	Messages	Time of Logon	Duration	Utilization(%)
39558	A Cooper		08:51:37 19/07/2005	B0:03:26	41
39558	A Cooper		16:18:34 13/07/2005	B0:03:03	33
39558	A Cooper		16:18:04 13/07/2005	B0:00:07	100
39558	A Cooper		12:10:28 13/07/2005	B0:02:27	17
39558	A Cooper	Impact Alarm	12:09:42 13/07/2005	B0:00:43	100
39558	A Cooper		12:09:38 13/07/2005	B0:00:03	100
39558	A Cooper		08:15:21 13/07/2005	B0:04:37	24
39558	A Cooper		14:13:47 12/07/2005	B0:07:51	62
39558	A Cooper		11:28:26 12/07/2005	B0:04:53	58
39558	A Cooper		11:10:58 12/07/2005	B0:02:36	22

Shock log report

the vehicle when shocks exceed the preset threshold and provides a basic report logging the vehicles ID, drivers PIN, and time and date of all unreasonable impacts sensed.

3 Fleet Management Information System

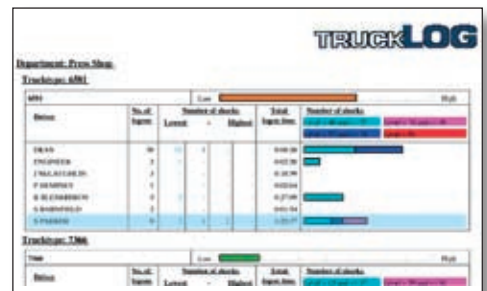
Our third comprehensive option integrates the audio/visual alerts with our complete Fleet Management Information System (FMIS) to provide even more detailed information, recording data such as the level of shock received and the name and time of the supervisor responsible for resetting the vehicle and declaring it as safe to drive.

All this information is stored in the FMIS and can be used to generate a range of simple customised reports to monitor and compare trends amongst drivers in like situations. This data can then be used to plan driver training and reward schemes to help reduce the downtime and damage costs to vehicles, products, buildings and racking.

These graphical reports can be scheduled to automatically print and are also available on demand.

Each of these three options are designed to persuade drivers to report incidents when they happen and to encourage them to drive more carefully in the first instance, therefore improving the health & safety of the entire workplace.

The resultant savings in damage costs can be massive. The TruckLOG® Shock Sensors, when used in conjunction with our other access and/or data modules, can reduce actual annual damage costs typically by 60%. Specific savings can be made from the reduced out of service and associated call-out costs.



Monitor incident trends using the Damage Overview Report

Identify the date & time of excessive shocks & the supervisor who reset the vehicle in the Shock Lockout Report

