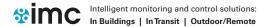


Logistical Damage Deterrence Solutions

Impact | Shock | Tilt | Vibration



What is damage deterrence?

Your product is most at risk when it's out of your hands.

Adopting damage deterrence measures alerts everyone who handles your goods to their vulnerability and inspires them to maintain the conditions you expect – either in use, in transit, or in storage – and ultimately gives you the answers you need if something goes wrong.

Meeting your needs

Customer demand for reliable monitoring across a wide spectrum of valuable items inspired us to offer a range of effective, user-friendly products that feature the monitoring capabilities you need. As a result, we've become the leaders in damage deterrence and we can offer the right solution for you – one that suits the size of your item, your performance expectations, and your target price point.

Choose from ingenious peel-and-place smart labels and sensitive temperature monitors that fit in the palm of your hand right up to high-spec, electronic transmitters that track multiple critical parameters.



Benefits of utilising damage deterrence products:

- Reduces product damage and loss incurred during transportation or storage
- Provides indisputable evidence of mishandling
- ✓ Make a quality statement about your products
- Pin-point problem carriers or routes
- Help bring damage claims to a quick resolution
- Protect against warranty abuse

We are happy with the service and products we receive from IMC Group, plus you always have a quick turnaround for the goods. We look forward to dealing with you again in the future.

Joanne - Isothermal Technology

Damage deterrent solutions for those thinking outside the box

SHOCKWATCH: IMPACT & TILT INDICATION

Our cost-effective ShockWatch range of impact and tilt devices have been specifically designed to identify accountability for oversight and to reduce any mishandling to the shipping and handling stages of your supply chain.

- Shock & tilt parameter measurements*
- Confirms effectiveness of packaging
- Exposes problem carriers or routes
- Provides indisputable evidence of mishandling
- Make a quality statement about your products

*Temperature indicators are also available. Contact us for more information.



The ShockWatch Range

ShockWatch Labels

This single use impact identification device is

always active and available in five sensitivities ranging from 0-450kg.



ShockWatch2

Providing all the benefits of the labels, these smaller indicators are user activated and

tamperproof signalling bi-directional evidence of

mishandling.



Flex

Identical to the labels, the Flex has been designed for use with a curved surface and turns red when your impact tolerances are exceeded.



MAG2000

These reusable, tamper resistant devices come

with a red magnetic marker signalling when mishandling has occurred and providing approximate direction of impact.



SHOCKWATCH®

Clips & Tubes

Small, durable, single use Clip and

Tube indicators have been designed for placing in discreet areas for single or multi G impact alert and up to 360° detection.



TiltWatch

These single use tilt indicators have been specifically designed to alert users to up to 360° tilting or over turning



Up close and personal with SHOCKWATCH® g-View

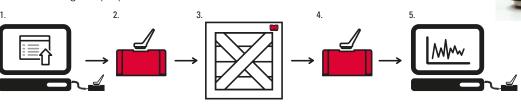
The g-View data logger is used for items that require more detailed analysis of asset journey events. This innovative device is quite simply the most cost-effective event recorder on the market providing more accurate readings than any other device in its price range. Replaceable batteries effectively make the g-View's lifespan infinite.

Features:

- Shock and optional temperature parameter measurement
- Three visual indicators (LEDs) for instant visual indication of shock
- Logs up to 300 shock events over a 6 month period
- Easy-to-use set up, use and download of date and time specific event data

Schematic

The diagram below shows how simple the set-up, use and download of g-View units are using tamperproof iButtons



1. Connect Set-up iButton via Comms cable to PC

2. Once Set-up iButton 3. Attach g-View to is programmed, place on q-View to transfer

product

4. Connect Download iButton to g-View to retrieve event information

5. Connect Download iButton via Comms cable to PC for analysis

SHOCKWATCH*

g-View

%imc

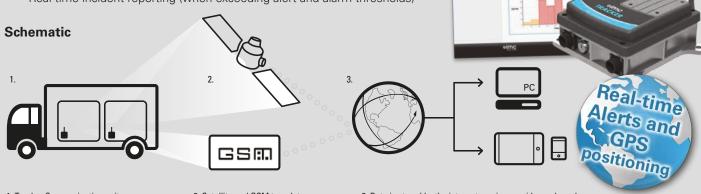
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Track asset damage on the move

IMC's Tracker has been specifically designed to bridge a gap in the market. This innovate product monitors the environmental condition of assets on the move with GPS positioning across all modes of transportation from anywhere in the world. This method of monitoring enables users to anticipate potential asset damage before arrival and quickly put in place suitable resolutions.

Features:

- Shock parameter measurement (optional temperature and humidity)
- Tri-axial Piezo accelerometer technology
- Real-time location reporting using GPS, with GSM/Satellite communication
- Up to 4 months reporting, from single battery charge
- Real-time graph of incidents to assess likely cause of damage
- Manually switching to "Flight Safe" mode when required
- Real-time incident reporting (when exceeding alert and alarm thresholds)



1. Tracker Communication unit records and sends data to either Satellite comms or via GSM

2. Satellite and GSM translate data and send to an internet service provider

3. Data is stored by the internet service provider and can be accessed via any PC, tablet or smartphone device with internet access, providing multiple access if necessary.

Tough love with ShockLog®



The world leading ShockLog® range has a proven track record in the ability to generate high-spec, accurate shock and vibration records within the harshest of conditions. This unique system is designed for use in the monitoring of critical goods and equipment that need special care and handling during transportation, storage and use. Shock, vibrations and unacceptable environmental conditions can cause costly damage. Identifying potential damage to assets before or during their use assists with asset integrity management, safer working environments and ultimately keeps costs down.

Through the use of the latest ShockLog® Windows based software, users are able to fully program their units with adjustable alarm thresholds, time slot periods and additional parameters. Quick and easy reporting tools within the software provide instant identification of potentially damaging events.

- Shock, vibration parameters with optional temperature, humidity, tilt & roll
- ✓ User selectable g or velocity ranges up to 200g or 200cm/s
- ✓ User selectable frequency filters up to 250Hz
- ✓ Up to 18 months continuous monitoring from 2 x AA batteries
- Rugged aluminium IP67 housing
- ✓ Up to 870 events all with detailed graphs



Find your ideal damage deterrent solution:

	Measurement type					Functionality			
Product Range:	Shock/Impact	Tilt/Roll	Vibration	Temperature	Temperature & Humidity	Indicator	Data Logger	Wireless Transmission	Real-time GPS Tracking
racker	•			~	~			~	~
ShockLog 🏂	•	~	~	~	V		~		
SHoockWatch g-View g	•			~			~		
SH@CKWATCH°	•	~	~	~	~	~	~		



The IMC Group Limited

Pendle House Jubilee Road Letchworth Hertfordshire SG6 1SP

T: +44 (0)1462 688070 | E: sales@the-imcgroup.com