



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®

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**.



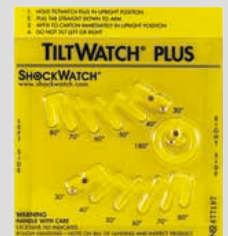
Clips & Tubes

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.

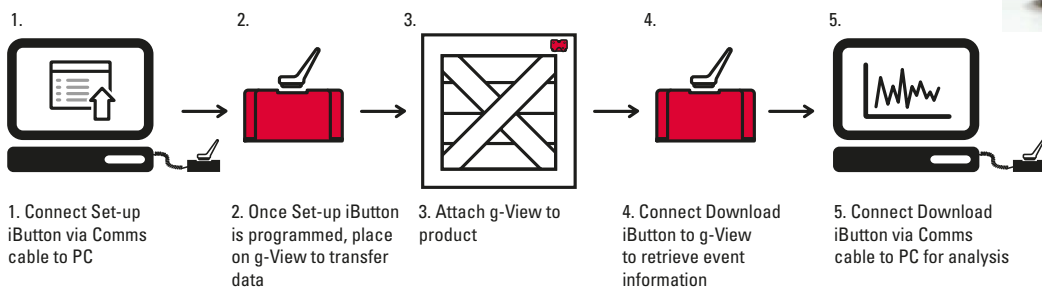
Features:

- 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



Track asset damage on the move

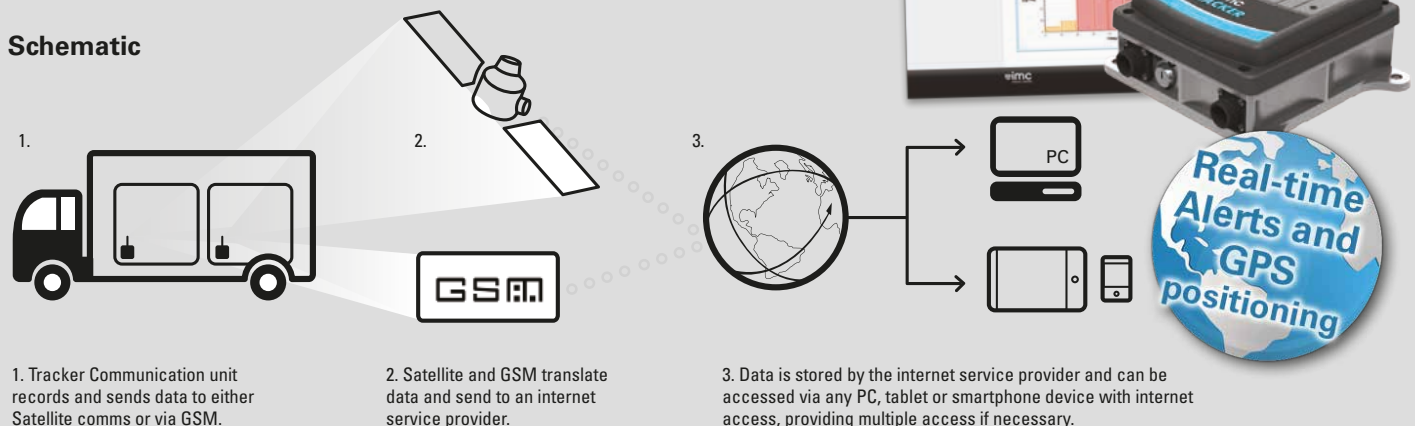
imc TRACKER

IMC's Tracker has been specifically designed to bridge a gap in the market. This innovative 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)

Schematic





The IMC Group Limited

Pendle House
Jubilee Road
Letchworth
Hertfordshire
SG6 1SP

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