

ShockTrak™ Overview

The ShockTrak Impact Recording and Tracking System combines the powerful ShockLog® 298 Impact Recorder and a satellite module to deliver real-time reporting of unacceptable handling conditions and asset location. Armed with the information provided in the web-hosted SpotSee Cloud, you can gain valuable insights into your supply chain.

Reduce Costs by Identifying Incidents Before Final Delivery or Installation

With the ShockTrak Impact Recording and Tracking System, you can receive alerts of unacceptable conditions that your product has encountered. These conditions may affect the performance or safety of your product. Knowing what your product experienced on its journey allows you to act before a shipment is received or plan remediation before final installation of the asset in the field.

Protect Your High Value Assets

ShockTrak delivers:

- 24x7 access to your information around the globe
- Last known location of your assets
- Real-time reporting of unacceptable handling or environmental conditions
- Full journey profile and post-journey analytics
- Robust power source that provides up to 12 months of battery life

ShockTrak sends real-time alerts when issues occur and lets you know where they happened.



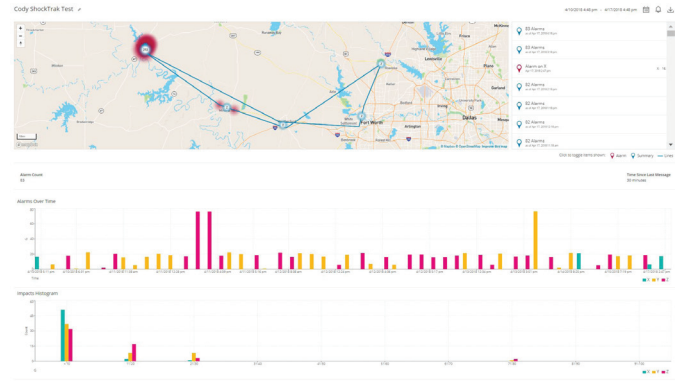
Features

- Provides user configurable alarm conditions and messaging frequency
- Records impact events and internal temperature
- Sends real-time alert when unacceptable events occur
- Specifies location of unacceptable events
- Displays heat maps of trouble spots in the supply chain



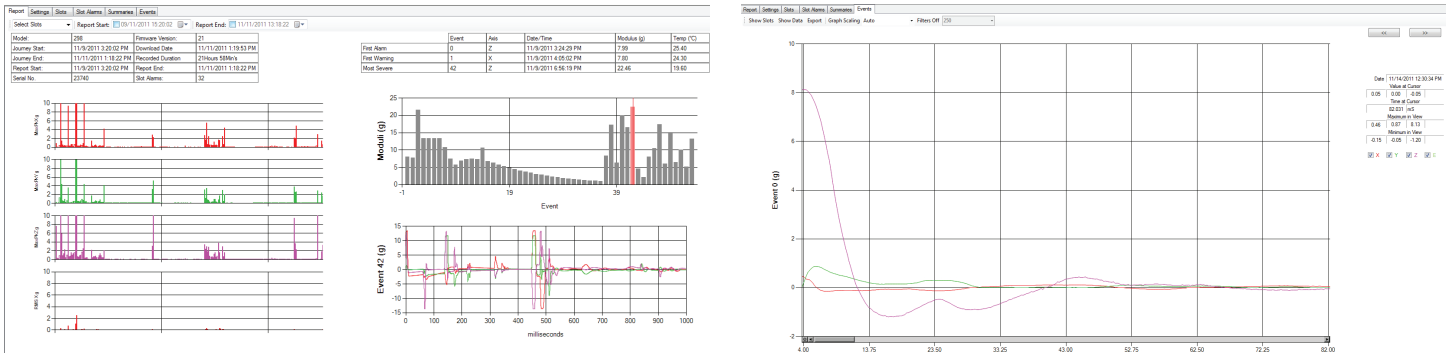
Locate Valuable Assets 27/7 via SpotSee Cloud

During the journey, the ShockTrak utilizes a satellite network to alert you when a potentially damaging impact has occurred. With the web-hosted software, you can access the location information of your shipment. Built-in reporting tools allow you to see impacts over time as well as a histogram of the number of impacts in predetermined ranges.



Full Journey Analysis

When the journey has concluded, the ShockLog 298 desktop software allows you to download and analyze the full data set. The ShockLog Report View provides an overview of the entire journey, peak acceleration values for all three axes as well as detailed impact curves. Zoom in for a closer look at specific impacts or deport the data into programs such as Matlab for more detailed analysis.



Key Specifications

Operating Temperature Range:

-86°F to 140°F / -30°C to 60°C

The unit shall remain operational over the -40° to 85°C range, though may experience battery life and RF signal degradation.

Acceleration Range

+/- 1 to +/- 200G

Amplitude Scale (Programmable)

1G, 3G, 20G, 30G, 100G, or 200G

Scale Factor Accuracy at 5G

± 2%

Additional Error Other Ranges

± 2%

Cut-off Frequency Options (Programmable)

10Hz, 40Hz, 50Hz, 90Hz, 120Hz and 250Hz

Wake-up, Warning, and Alarm Threshold (% of Range)

5 – 95%

Enclosure Rating

NEMA 1, 3, 4X, 6P, 12

Size

12.61in x 9.41in x 4.69in

Weight

9.7lbs/4.4kg

Satellite Technology

Global LEO Satellite

SHOCKWATCH®