



## Lat-Lon Impact Detection

- Impact & Deceleration Graphs
- Adaptive Device Configuration (ADC)
- Over The Air Adjustable Thresholds
- Solar Advantage

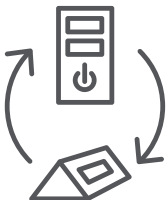


Impacts can be costly and dangerous. The Lat-Lon three-axis accelerometer impact detection sensor can be added to any of our GPS units to track impacts. Easily pull impact & deceleration graphs and automatically send updates with Adaptive Device Configuration technology.



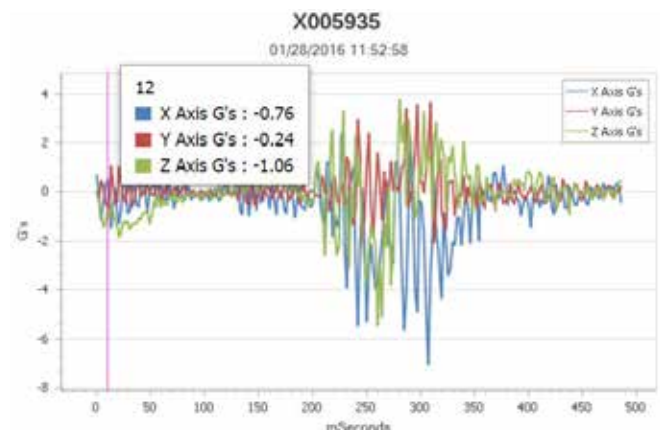
### Impact & Deceleration Graphs

- Get the raw data you need with graphs that break down the force and velocity of each impact on 3 axis.
- Custom filtering options or the standard impact filters at 10Hz and 500Hz to determine the type of incidence at a glance and prioritize attention
- Deceleration graphs provide more detail as to what occurred before impact and aid in future prevention
- Lat-Lon offers different webinars and educational resources to get the most out of your reporting
- Consultative approach around impact analysis so your team can understand and tailor data to the needs of your business.



### Adaptive Device Configuration (ADC)

- Adjust reporting configuration when it matters
- Automatically update how a device functions based on custom parameters, such as velocity, impacts, location, or other sensor data.
- Example: Change reporting frequency to once every ten minutes when speed is greater than 20 mph.





# Lat-Lon Impact Detection



## Over The Air Adjustable Thresholds

- Immediately receive the updates that are important to you
- Easily adjust device set-up, alerts, and impact thresholds while the hardware is deployed
- Stay informed on important factors such as ride quality (impacts and deceleration), security, tampering, severe weather and temperature, and more
- Get alerts via email or text, or simply login on a mobile device with unlimited access to the Lat-Lon app



## Solar Advantage

- Lat-Lon's Solar Tracking Unit (STU) and Compact Tracking Unit (CTU) eliminate battery replacement and related downtime expenses with self-charging, dual integrated panels that use direct or indirect sunlight to replenish power, year after year. Simply stick the unit on the railcar and you're good to go



## Learn more today

Learn more about how Lat-Lon can make a difference for your business.  
Call 877-300-6566 today, and talk to one of our friendly, knowledgeable experts.

