

# HARSH ACCELERATION

Detect, locate and count harsh acceleration driving events within your road network.

Our 'Harsh Acceleration' service allows you to identify and locate **where and when** sudden and atypical acceleration events occurred. The presence of sudden acceleration often indicates a risk of surprise from the driver and therefor a potential '**Near Miss**' incident. **Based on millions of US connected drivers & vehicles** and our unique driving data expertise, our algorithms detect where and when these behaviors were repeated.

Assessing the intensity and repetitiveness of such events, allows you to consider actions such as enhancing visibility, improving road markings, adjusting signage & road assets, adapting law enforcement means etc... in an effort to reduce the risk of collision or accident.



## Why use MICHELIN DDi 'Harsh Acceleration' service?



### Near miss events

Tackle atypical driving events that come to complement existing crash data.



### Insightful data sets

Access data from millions of connected drivers without deploying any hardware nor human workforce.



### Fact based measures

Digitally steer fact-based measures throughout the year with our continuous data capture.



### Easy integration

Easily integrate this unique data within your system: compatible with any GIS.



### Before/after analysis

Monitor and quickly valorize your actions through before/after analysis.



### Resources allocation

Better allocate and justify resources and project funds thanks to fact-based KPIs.



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## MICHELIN DDi: LEVERAGING DATA FOR SAFER MOBILITY

As the number of traffic accidents remains too high, we believe, more than ever, that it is time for technology and data to serve drivers and improve their safety.

At MICHELIN DDi, we combine our expertise in data analysis and driving behavior to create solutions that contribute to safer mobility.

Accelerate your road safety strategy to reach Vision Zero goals with our mobility insights available on our service catalog.



## How will you be able to use our service?



### Locate and count events

Visualize events on your GIS via GPS points. Pinpoint exactly where potential risky zones are located on your road network.



### Assess event conditions

Get the different contextual parameters such as date and time of the day and weather conditions. Analyze patterns and benefit from actionable insights.



### Track and report progress

Thanks to the monthly data updates, track progress with KPI-based facts and report proof of improvements.

## The output?

A game-changing perspective to go beyond past crash data. With near miss data comes the potential to identify risky zones and act before crashes occur to reach Vision Zero goals.



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