Service suite

VULNERABLE ROAD USERS

Go proactive by analyzing and understanding driver's behavior at and around zones of encounters with VRUs to act before accidents happen with our Vulnerable road users service suite.

Leverage driving behaviour insights

Use MICHELIN DDi's data insights to identify potentially risky areas and their causes within your road network.

Integrate easily

Benefits from all information directly on your GIS, enhancing other data sets and with no other infrastructure requirements.

Allocate resources

Justify and allocate the right resources at the right time and place based on a easily measurable new safety KPI.

Analyze before/after

Monitor and quickly valorize your actions through before / after analysis that you can independently track directly on your GIS.

TOWARD VISION ZERO

Given the rise in the number of crashes involving all types of road users and the development of the use of multi-modal transportation, road strategies are evolving to better support the safety of those Vulnerable Road Users (Pedestrians, Cyclists etc...).

Combining expertise in data analysis and driving behavior, MICHELIN DDi creates solutions to go beyond crash data reports allowing you to act before accidents happen.

Leveraging millions of connected vehicules and using machine learning and proprietary algorithms, our Vulnerable road users (VRUs) services suite allows road safety officials to detect, locate and assess atypical driving behaviors indicative of potential near miss incidents with VRUs.

INTERESTED IN LEVERAGING ROAD SAFETY INSIGHTS? CONTACT US!

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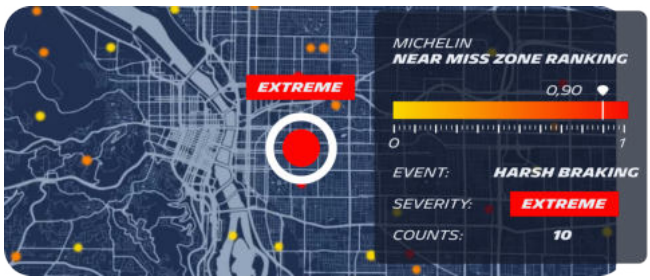
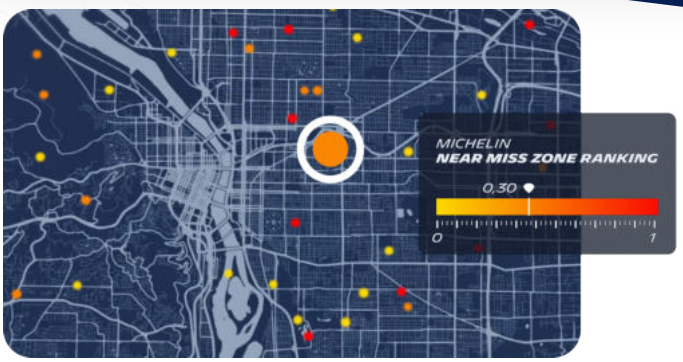
MICHELIN DDi DRIVING DATA TO INTELLIGENCE

A SCALE OF SERVICES, BUILT TO HELP YOU REACH YOUR VISION ZERO GOALS!

Crash probability hotspots with with Vulnerable road users

Our 'Crash probability hotspots with Vulnerable road users' service will allow you to locate, assess and rank by a probability indicator where Vulnerable road users are the most at risk using machine learning algorythms.





Near miss hotspots: severity ranking with Vulnerable road users

Our 'Near miss hotspots: severity ranking with Vulnerable road users' service allows you to locate, assess and rank by **potential severity near miss hotspots within risky zones for Vulnerable road users** directly on your GIS.

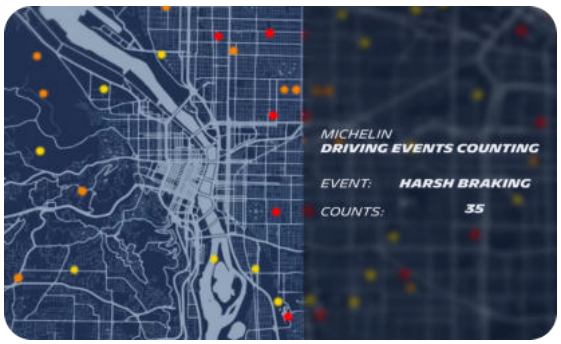
SERVICE COMING SOON...

Driving Events with Vulnerable road users

Our 'Driving Events with VRU' service allows you to locate via GPS points where and when **atypical driving events** happened at and around potentially risky areas for VRUs on your road network directly on your GIS.

How do we identify potentially risky areas for VRUs?

Issued from MICHELIN DDi expertise in AI, we built a deep learning model that, based on historical crash reports and contextual data, allows us to identify patterns and therefore areas where VRUs are potentially the most at risk.



HOW DOES IT WORK ?

Scan me
to request a demo!

Locate & Count driving events

Understand and analyze hotspots conditions

Assess before/after and report progress

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