

SAFETY ALERT ZONES





AT A GLANCE

According to the WHO, 1.35M people die in car crashes every year. Thus the enforcement of regulations is inevitable, and knowledge and awareness play a crucial role as well. Safety Alert Zones provide a unique combination of dynamic statistical and geometrical information to warn drivers of an increased risk level as weather or road conditions change along the way.

WHICH ISSUE DOES IT ADDRESS?

Those polygons are built around segments on the road network such as bridges, complex intersections, accident prone areas with speed restrictions or have a high probability of vulnerable pedestrian crossings. They address 6 of 10 major reasons for car accidents as defined by the WHO, such as fatigue, inadequate visibility due to environmental factors etc..

This near real time dynamic risk value is calculated based on GeoJunxion's proprietary algorithm as well as local weather conditions such as temperature, rain, wind as well as the time of day, thus making Safety Alert Zones smart.

SOLUTION

FEATURES

- Warnings, prior to entering a bridge especially when the weather conditions may impact the road conditions on the bridge (3 levels of alerts green, yellow and red)
- Alerts when approaching tunnels
- Warning about accident prone areas (shown 50 m prior)
- Alerts about highway exits based on weather conditions and curvature

USE CASES

They can be used in navigation applications to provide alerts when needed or alternative routing options.

In the event of bad weather, like a storm or icy conditions, the Safety Alert Zones can also be used by the dispatcher in the planning & route optimization software to update the truck's route and reroute the load around these zones.

Safety Alert Zones can be used for insurance purposes such as usage based insurance (UBI) to enrich your product or develop new business models.

For post analysis, e.g. for claim management, or planning and management for Smart Cities applications, Safety Alert Zones can be an additional layer for your business intelligence.

NEW IN THIS RELEASE

This Version 1.0 includes :

- Bridges for D, IT & NL
- Tunnels for D, IT & NL
- Accident Prone Areas for D & NL



FIND OUT MORE

For more information or technical samples please visit our website: www.geojunxion.com or contact our sales team: sales@GeoJunxion.com

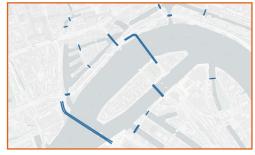
COVERAGE INFORMATION

Germany, Italy and the Netherlands

Accident Prone Areas



Bridges



Tunnels



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