

HERE Road Signs

HERE Technologies is the first to develop automotive services based on rich vehicle sensor data, pooled across multiple car brands. At HERE, our vision is to make driving safer and more enjoyable for billions of people around the world by creating a live depiction of the road environment.

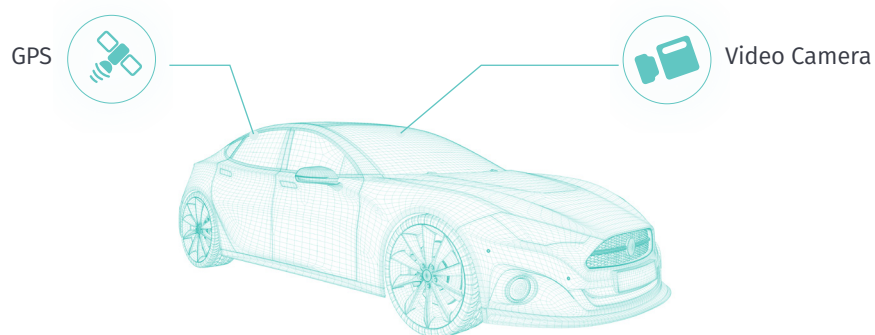


HERE Road Signs is a cloud-based service that delivers up-to-date traffic signage information to connected cars, giving drivers advanced warning of changes along their route. HERE is the first in the industry to maintain the freshness of speed limit attributes per road segment based on anonymized rich vehicle sensor data. The updated information is delivered to drivers via connected infotainment systems or through the vehicle's ADAS applications.

Updated speed limit attributes are published every 24 hours to provide the freshest information about permanent, temporary, and implicit speed limits. In future releases, the service will expand to include conditional and dynamic speed limits.

Use Cases	<ul style="list-style-type: none"> • Information service for connected infotainment systems • Active safety service for connected ADAS
Format	<ul style="list-style-type: none"> • HD Map Protobuf • NDS Volatile Layers 2.5
Number of Incoming Messages Required to Update a Speed Limit	3 in 24 hours
Location Referencing	Topology IDs
Support Road Signs On	FC 1–5
Coverage	<ul style="list-style-type: none"> • Western Europe • North America (Q2'18)

Sensor event attributes required for the HERE Road Signs service



The vehicle transmits a message containing the following attributes:

- Latitude/Longitude
- Heading
- Timestamp
- Road Sign Type
- Road Sign Value
- Full vehicle path

About HERE Technologies

HERE Technologies, the Open Location Platform company, enables people, enterprises and cities to harness the power of location. By making sense of the world through the lens of location we empower our customers to achieve better outcomes – from helping a city manage its infrastructure or an enterprise optimize its assets to guiding drivers to their destination safely. To learn more about HERE, including our new generation of cloud-based location platform services, visit <http://360.here.com> and www.here.com