

HERE Signs, Signals and Warnings

Road information and alerts

HERE Signs, Signals and Warnings is a package of road-related content to help drivers enjoy more comfortable and safer experiences. Drivers often do not pay sufficient attention to the road, which coupled with the increasing complexity of urban traffic, can increase the risk of injuries or fatalities. HERE Signs, Signals and Warnings has been designed to relay precise information on potentially hazardous situations to help improve awareness, reduce distraction and boost safety.



HERE Signs, Signals and Warnings gathers together information on road regulations and situations that require a driver's attention. It includes specific information on the presence of stop signs and traffic lights on a given route to help drivers navigate more efficiently. It will also supply warnings on roadway features like sharp curves and other upcoming locations with special conditions. Information of this kind can be used to improve route calculations or help avoid high accident areas.

This package of bundled content can also supply alerts on routes that are diverted or new and overlay information about multiple alternative transport methods, like bicycling and pedestrian routes. Finally, HERE Signs, Signals and Warnings content can also act as the cornerstone for future Heads-Up display applications.

How does the service work?

HERE Signs, Signals and Warnings gathers data from multiple sources and turns this into usable content. The product uses data sourced from HERE True Vehicles, that are equipped with LiDAR and collect 28TB of data everyday – with accuracy down to centimeters. Local government and third-party imagery sources are also used.

Imagery is processed for automatic recognition of different signs, which then have a code applied based on their specifications and other attributes, such as speed limit messaging, then published in RDF and GDF formats. All this content is ultimately used for routing, guidance, ETA calculation, to improve driver awareness and safety, for traffic sign recognition and to build traffic signals services.

Differentiators

Freshness

Content kept up-to-date through continuous monitoring via drives in the field and third-party data sources.

Quality

Content quality to match and work alongside automotive grade HERE Maps.

Rich offering

Wide variety of alerts for situations requiring driver attention, such as curves, inclines and animal crossings.

Coverage

Broadest available industry coverage, including all main functional class roads in key markets across the globe

HERE, a location data and technology platform, moves people, businesses and cities forward by harnessing the power of location. By leveraging our open platform, we empower our customers to achieve better outcomes – from helping a city manage its infrastructure or a business 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 360.here.com and www.here.com.

Want to talk? We do, too. [Get in touch here.](#)

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