

HERE ADAS Map

Automotive-ready map content for ADAS, ISA and electronic horizon solutions

HERE ADAS Map is a content product that enables intelligent speed assistance (ISA), advanced driver assistance systems (ADAS) and electronic horizon solutions.

The product, which covers ADASIS v2 requirements, provides a high-definition representation of the real world and helps overcome the performance-limiting impact of bad weather on onboard car sensors. Availability of NDS volatile location IDs enable interoperability of customer map-data with HERE content.

By enabling speed control functionality, it helps carmakers achieve higher NCAP ratings and enables drivers to benefit from greater awareness, comfort and safety through ADAS.

Automotive use cases

- Electronic Horizon
- Warning sign notification
- Speed limit warnings
- Predictive Cruise Control
- ADAS for commercial vehicles



One-stop mapping solution

As a global provider, HERE makes all map attributes available from a single destination - with the largest collection of ADAS-relevant attributes.



Reduce hardware costs

Tile-based data with over-the-air updates. Delivery is via NDS database or Update Region. Data size and cost controlled with updates just for areas where user travels.



Add fresh data directly

As a compiled map data offering, the freshest possible data can go into vehicles without the need to compile. Can be refreshed with weekly.

Product features

Using HERE ADAS Map provides access to the following features:

- **Warning and traffic signs:** roadside signs warning drivers about special conditions – such as speed limit signs for trucks, use of trailers, bad weather, and time-related situations.
- **Curvature:** angles on a road and over intersections to prevent drivers from making turns that are too sharp.
- **Slope and elevation:** to aid appropriate acceleration and deceleration on an incline. Supports fuel economy.
- **ADAS quality & source flag:** quality parameters included to indicate reliability of ADAS attributes.
- **Average speed:** measures average speed of cars driving along a section of road in a specific direction.
- **Speed limit metadata:** Country-wide speed limits for specific road and vehicle types.
- **Enhanced geometry:** indicates when the geometry is suitable for HAD purposes.
- **Truck speed limits:** speed limits with truck-specific attributes.



Data format

NDS Classic 2.5.4

NDS.Live



Coverage

Global coverage available, including Korea, Japan, China.

About HERE

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 <http://360.here.com> and www.here.com.