

HERE ISA Map

Reliable and up-to-date speed limits for Intelligent Speed Assist (ISA) systems

Intelligent Speed Assistance (ISA) is a safety feature that will become mandatory from July 2022. ISA is an in-vehicle system for new types of cars, vans, trucks and buses that supports drivers to comply with speed limits on roads in each of the EU's 27 member countries. As of July 2024, every new vehicle sold in the EU must be equipped with ISA.

ISA systems that only use onboard cameras to capture speed limits don't meet the ISA regulation test criteria and will need an additional source for speed limit information. (Up to 60% of speed limits are not explicitly signposted, but are based on implicit signs or road rules and regulations.)

HERE ISA Map provides high-quality and up-to-date speed limits, with comprehensive coverage across the globe.

Automotive use cases

- Display speed limits for all road types
- Speed Limit Warning Function activated when speed limit is being exceeded
- Speed Limit Control Function automatically limits vehicle's speed to posted limit



Trusted automotive partner

150 million vehicles and 50 OEM brands use HERE technology.



Adhere to ISA EU regulations and beyond

HERE ISA Map provides high-quality and constantly updated speed limits, with comprehensive coverage.



Solutions for different market segments

Supporting connected and onboard solutions with various data formats. HERE ISA maps can also be enriched with further ADAS map content.

Product features

- **Road topology with selected attributes.** Selected map attributes for ISA solutions minimize a data footprint (for instance, for smaller vehicle segments)
- **Explicit and implicit speed limits.** Explicit speed limits are visible on signs: implicit speed limits are road signs that do not show a numerical value (administrative areas, for example), but which are based on existing rules and regulations. Whatever the sign, speed limits are coded on road segment level in the HERE ISA Map
- **Location of variable speed signs.** To help systems with camera-based sensors detect and apply variable speed limits, the locations of variable speed limit signs are included in the HERE ISA Map
- **Road rules and regulations.** General national or regional speed limit rules – including conditional speed limit rules – are coded to all roads, where applicable, to ensure speed limits are available in HERE ISA Map for all roads and at all times
- **Commercial Vehicle regulations.** Rules and regulations that apply to commercial vehicles on national, regional and city level. Conditional rules are included.



Data format

Available in:
RDF (compilation proprietary format), NDS Classic 2.5.4 and as an NDS.Live map service



Coverage

Worldwide coverage
(excl KR, CN, JP)

Solution description

HERE Intelligent Speed Assistance comprises

- **HERE ISA Map:** Road Network, selected attributes, explicit and implicit speed limits
- **HERE Map for ADAS:** HERE ISA Map, ADAS data for lane keeping and ACC
- **HERE Speed Limit Layer:** Connected solution offering explicit and implicit speed limits with road network reference - updated daily. Can be added to any kind of HERE map data.

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.