HERE HD LIVE* MAP MAKES THE INVISIBLE VISIBLE

Self-healing maps reflect real-world changes in real time

Machine-readable live maps allow autonomous vehicles to “see” down the road and around the corner to make informed decisions on behalf of the driver.

High definition, self-healing maps reflect real-time changes in the real-world environments a vehicle will be traveling through. HERE HD Live* Map compares sensor data and the vehicle’s environment model with cloud-based reference models to identify inconsistencies and determine changes in real-world conditions.

DEMO DESCRIPTION

This demo highlights how HERE HD Live Map leverages big data and machine learning technology to provide cars with the highly accurate, up-to-the-second information on dynamic driving, road, and traffic conditions that autonomous driving requires.

KEY POINTS

- Self-driving cars need to know their precise location and what’s around them to maneuver safely
- Sensors have their limits, and self-driving cars need the ability to see “around corners” and into the distance in advance
- To make proactive driving decisions, a car needs continuously updated, “self-healing” maps that leverage sensor data
- Fusing sensor data with a high-quality HD map enables a safe and comfortable passenger experience