cognata

Automated Driving Perception Hub

Virtual Evaluation of Automotive Sensors
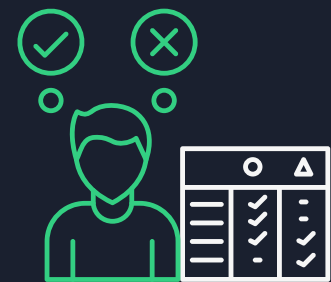
CHOOSE

Choose your sensor, the designated terrain, and a scenario from a comprehensive catalog

VIRTUALIZE

Take a virtual test drive, easily and rapidly, and evaluate sensor performance. Iterate across as many sensors as you'd like

ACT

Make an educated, data-driven decision on which sensor to promote to real-world evaluation and production

Overview

The evaluation and selection of sensors such as cameras, lidars, and radars is a difficult process due to time, technical complexity, and the general availability of alternatives. ADPH is a virtual testing platform that allows mobility providers to virtually evaluate HW sensors and make accurate choices upstream to real-world prototyping trials. This reduces program risk, shrinks costs, and accelerates GTM.

Mobility provides gain exposure to a large variety of automotive sensors, all in one place

Evaluate sensors and relative configurations in a virtual environment reducing the number of real world drives

Gain critical insights for sensor placement and configuration for specific vehicles based on 3D modeling

Significant Time-to-Market acceleration, saving costs and effort of evaluating physical sensors on-vehicle