eHorizon for Cruising Chauffeur

Cruising Chauffeur is Continental’s automated driving system for SAE L3+ driving on limited-access highways.
- Real-time sensor fusion
- Dynamic data
- Road Database road model
- Chassis controls
- MMI for handoff to/from human driver

A set of sensors and control units provides sensor information to the backend.

An environmental model receives backend information for strategic maneuver planning.

eHorizon in Ko-HAF

Vehicle provides traffic signs and lane boundaries to Continental backend and to Ko-HAF Safety Server in SENSORIS format.

AP1-Box in vehicle receives dynamic events (e.g., blocked lane) and HD map from server.

Continental in-vehicle client provides events and map to environmental model and propagates sensor data to AP1-Box and Continental backend.

Vehicle sensors acquire environmental information:
- traffic signs
- lane boundaries

www.ko-haf.de