Electronic Horizon solutions

For accurate and up-to-date information about the road ahead

EB robinos Predictor

Your solution for mass production vehicles and validation activities

We're here to help you:
Elektrobit offers customized engineering services and out-of-the-box software stacks to provide electronic-horizon-based functions for a safe and efficient driving experience.

Highlights

- **Map-based sensor** for automated driving with precise information about the road and lanes ahead

- Uses **digital map data** to enable and enhance driving functions up to SAE Level 5

- Provides ECUs with a continuous forecast of the upcoming road network by using standardized **ADASIS protocols**

- Supports proprietary map streaming services (Continental, HERE, TomTom) as well as NDS.Live and NDS.Classic

- **Field-proven in millions of vehicles** on the road today

- Reinforce your ADAS solution, support your ISA type approval requirements and boost your Euro NCAP star rating

Benefits

- Provides **up-to-date map information** such as speed profile or predictive map information via ADASIS v2 & v3 protocol

- **Up-to-date SD and HD map** content possible through support of map streaming services

- **Features** long horizon, route import from navigation systems, learning MPP and an intelligent caching mechanism

- Extension of the ADASIS content via **custom profiles** possible

- Auxiliary provider enables an extension of the ADASIS v3 stream with **dynamic information** such as traffic incidents, weather and other V2X data

- Based on an **independent electronic horizon concept** (map and platform agnostic)

EB robinos Predictor is an state-of-the-art electronic horizon solution for accurate and up-to-date map information about the road ahead for predictive, ADAS, and automated driving functions.
It's ready for mass production vehicles and already embedded in millions of vehicles.

Why buy?
It's a platform-agnostic solution, that supports data of all leading map providers and is compatible with the latest industry standards such as ADASIS and NDS, thus avoiding vendor lock-in.

EB robinos Predictor supports commercial vehicles

ADASIS v2 use cases based on SD maps
- Fuel Save and Emission Control Assist
- Predictive Power Train Control
- Intelligent Speed Assist

ADASIS v3 use cases based on HD maps
- Driverless trucks inside logistic terminals (harbors, container terminals)
- Driverless trucks connecting logistics hubs with nearby highways
- Driverless public transport running on individual lanes
- Driverless buses and or robot cars running on individual campus areas

What's around the bend?

Electronic Horizon Solutions

See the road ahead **beyond** the standard sensor range

Contact us:

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