



Elektrobit

# Electronic Horizon solutions

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



[www.elektrobit.com](http://www.elektrobit.com)

# EB robinos Predictor

Your solution for mass production vehicles and testing 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
- Provides up-to-date information about speed limits, geometry, curvature, and street type
- 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** Continental, HERE and TomTom's **proprietary map streaming services** as well as NDS.Live
- **Field-proven in millions of vehicles** on the road today
- Reinforce your ADAS solution and support your ISA type approval requirements

EB robinos Predictor is an 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? Comply with latest industry standards

It stores historic data and makes the most recent map information available- like your speed profile or where you might want to go based on previous trips. It supports data of all leading map providers and is compatible with the latest industry standards such as ADASIS and NDS.

## EB robinos Predictor for commercial vehicles

### ADASISv2 based on SD maps

- Fuel Save and Emission Control Assist
- Predictive Power Train Control
- Intelligent Speed Assist

### ADASISv3 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

## Benefits

- **Freedom to use NDS or online maps** - complies with map services from many suppliers; supports driver assistance platforms
- High configurability allows for **quick integration** of map data into series ECU or ADAS electronic control units
- Provide ECUs with a continuous forecast of the upcoming road network by using standardized **ADASIS protocols**
- **Easily extendable** through custom profiles
- **Enable popular features** to include electronic-horizon-based functions
- **Intuitive and easy to use**
  - Label driving scenes and rate their quality
  - Easy to use API for function developers

## What's around the bend?

### Electronic Horizon Solutions

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



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