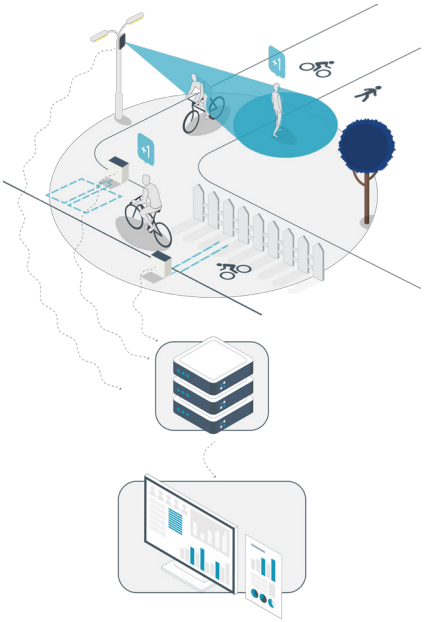
EasyData

DATASHEET

Lightweight middleware to easy access to infomobility data over a REST API



KEY FEATURES

- No data loss during VBV data collection
- Safe data retrieval and storage
- Easy installation and implementation
- Integrated fault management system
- Simple JSON format

Application

Middleware to integrate traffic monitoring data (VBV) to 3rd party solution or system.

No data lost

EasyData is a middleware for TagMaster's infomobility products. The EasyData application can parse, receive, store, and acknowledge all transmitted real-time VBV data. The field units (sensors, radars etc.) are easily configured to send the collected real time data to the EasyData middleware. In the event of temporary loss of 4G connection, the EasyData middleware will buffer and re-send unretrieved data.

All vehicle survey data (VBV) is passed through the EasyData middleware to be presented over a REST interface, for a quick and efficient integration into a customer system.

Safe data retrieval and storage

The TagMaster infomobility protocol ensures the data is safe until it has been received by the 3rd party application. The EasyData middleware keeps all data in a persistent memory until transmission has been confirmed. This ensures that no vehicle data is lost at any point.

Fast and easy integration

The received VBV data is presented over a RESTful API using JSON format. The API is made of a very limited number of commands, with an extremely simple syntax. Consequently, integration is quick and easy in any solution or system.

Easy configuration

The EasyData middleware is distributed as a Docker image, enabling a one-step installation on a target server with very limited configuration options.

Works with all TagMaster infomobility products

Besides VBV data collection, the EasyData middleware is able to supervise all connected TagMaster Infomobility products. EasyData monitor all devices for sensor failures, connectivity issues, battery weaknesses and several other potential sources of error. Detected errors are made available through dedicated API endpoints, using JSON format.

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