Dynamic Map

session overview

14th November 2017

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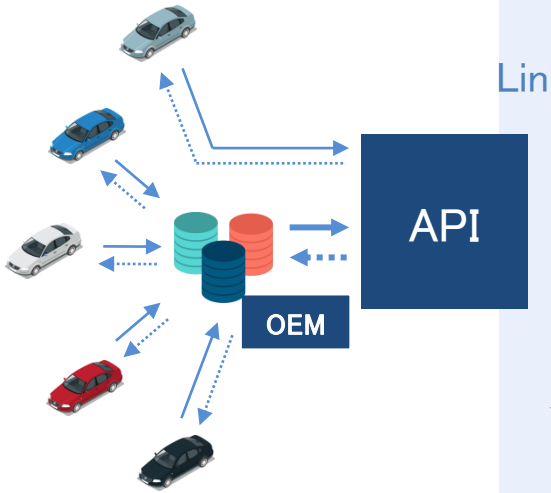
SIP

Cabinet Office

Dynamic Map



API

API : Application Program Interface

Dynamic Data

Movement of Vehicles, Status of Pedestrians, Traffic Signals etc.

Semi-dynamic Data

Accidents, Traffic Jams, Detailed Weather etc.

Semi-static Data

Traffic Regulation, Road Construction, Weather etc.

Static Data
=High Definition 3D Map

Road, Lane, 3D Shape of Structures etc.

Combine various data

Digital Mapping

Various Uses

Platform

3D Common Platform Data

Point Clouds, Graphics, Probe Data etc.

Usage example: Vehicle positioning

GNSS

Laser Scanner(LiDAR)

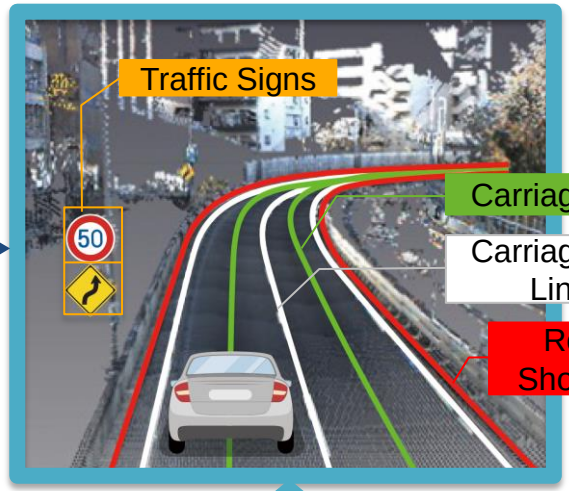
Radar

Camera

Sensed Data

Compare to estimate the position

High Definition 3D Map



Estimate the position of the vehicle

Purpose of this session

- Explain the situation of Japan
  - SIP-adus FOT and other R&D projects
  - Business status, Dynamic Map Platform Co.,Ltd.

- Discuss the way to harmonize with standardization activities
  - OADF, NDS
  - ADASIS, SENSORIS, TN-ITS, TISA
  - ISO
  - Other related activities

Speakers

- Yoshiaki TSUDA
  - Mitsubishi Electric Corporation
- Tsutomu NAKAJIMA
  - Dynamic Map Platform Co., Ltd.
- Volker SASSE
  - NavInfo / NDS / OADF
- Jean-Charles PANDAZIS
  - ERTICO - ITS Europe

*Further discussion will be held at the Breakout session on 16th with ISO and other related organizations (invited only).

Additional FOT participants calling

- SIP-adus is planning to make an **additional call for FOT participants**.
  - It will be announced soon. The entry form will be prepared on NEDO website.

    http://www.nedo.go.jp/english/index.html
  - Call will be closed by the end of Dec. and SIP-adus will screen at the beginning of 2018.

Enjoy the session!

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