



Research & Development-Project: OSI ground truth data based on real world GIS (Geographic Information System)

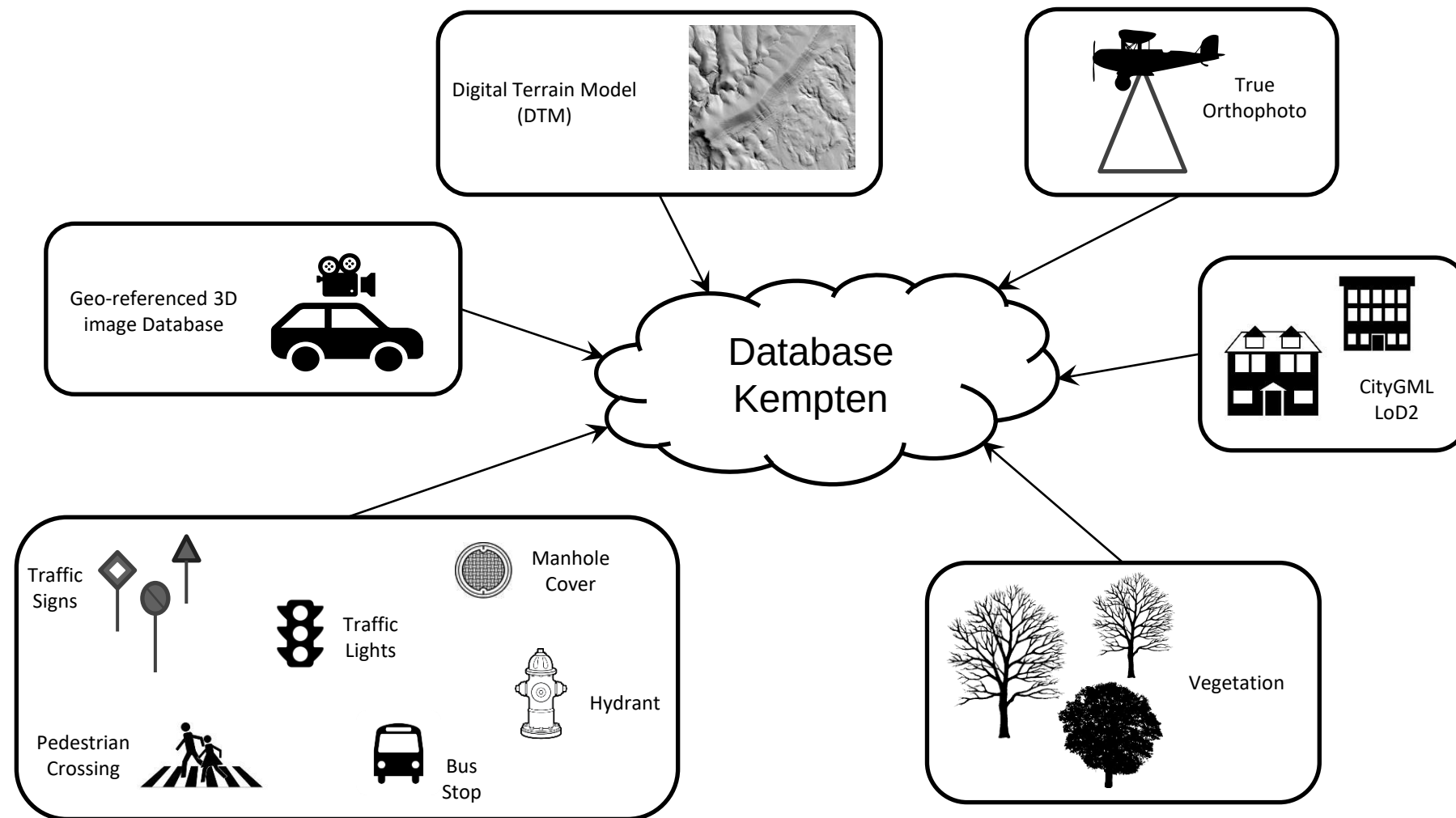
OSI Crash Course Presentation for ASAM, Project OSI

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Master Course Advanced Driver Assistant Systems

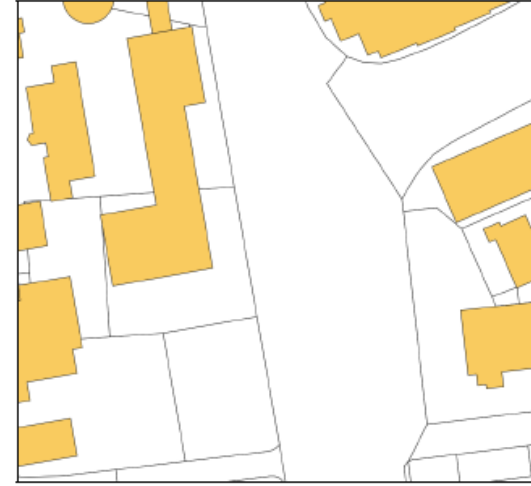
University of Applied Sciences in Kempten, Bavaria, Germany







(a) Ground plan



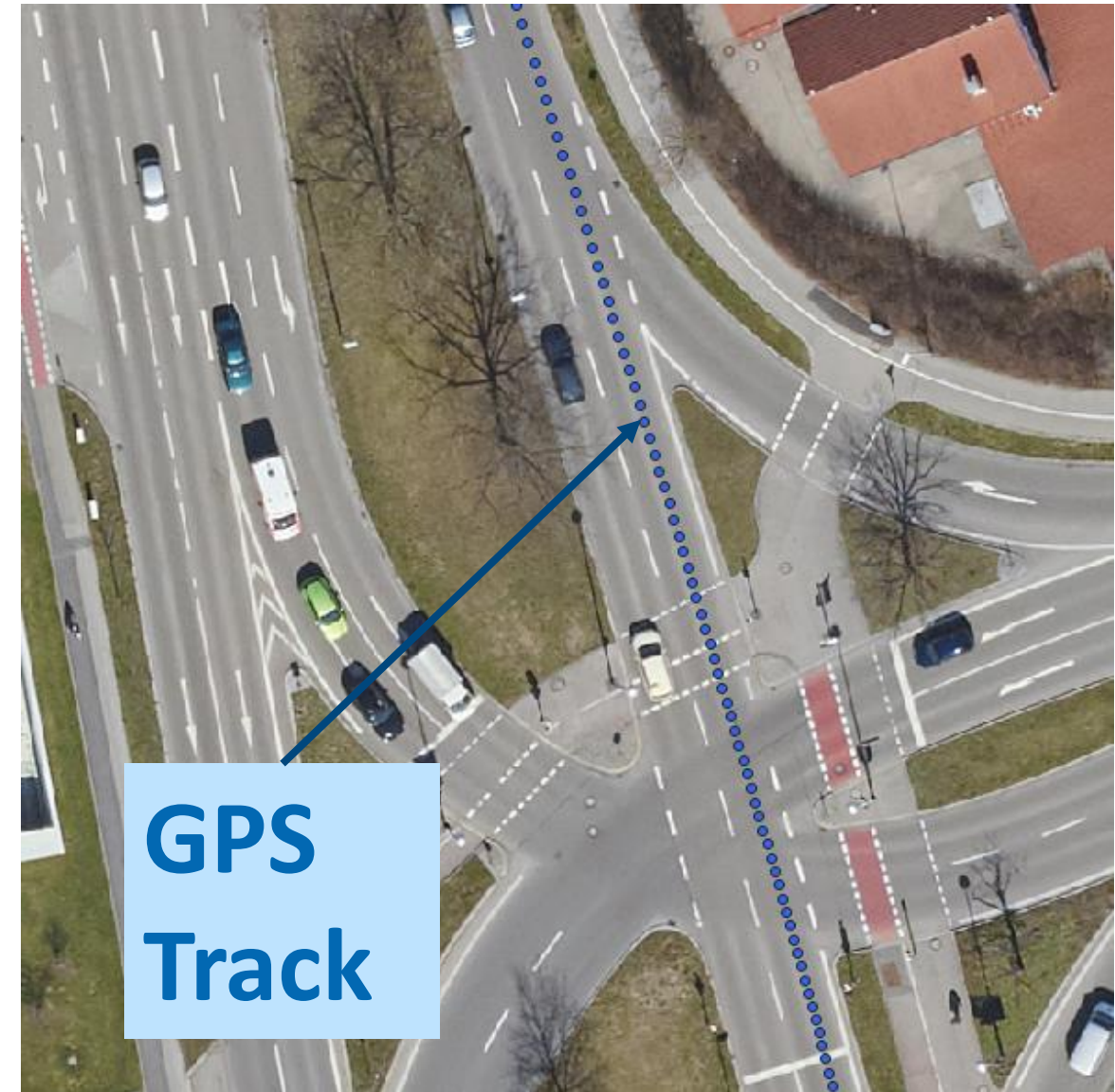
(b) Ground plan & buildings



(c) Ground plan, buildings & traffic signs



(d) Buildings, traffic sign & orthophoto

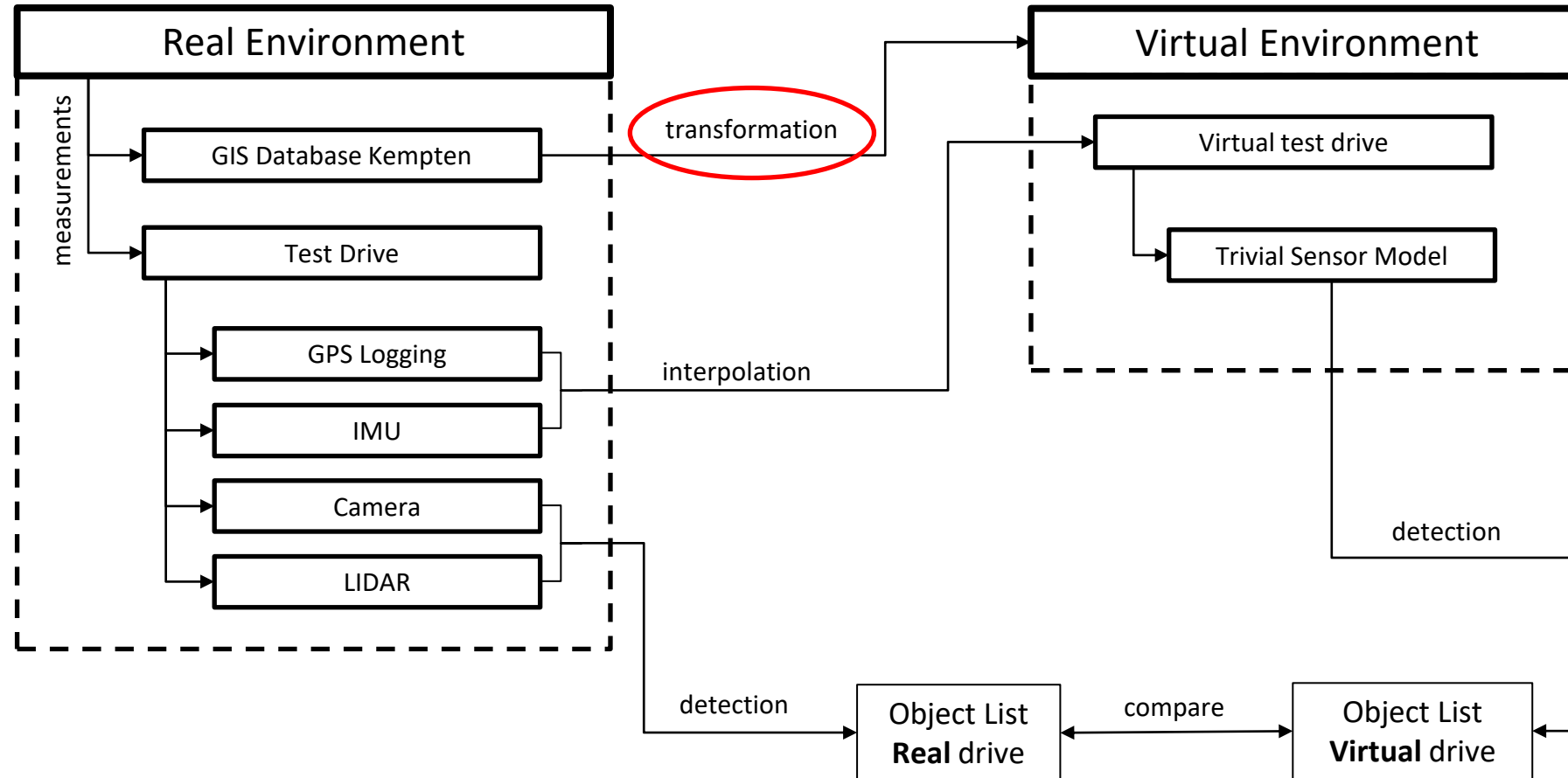


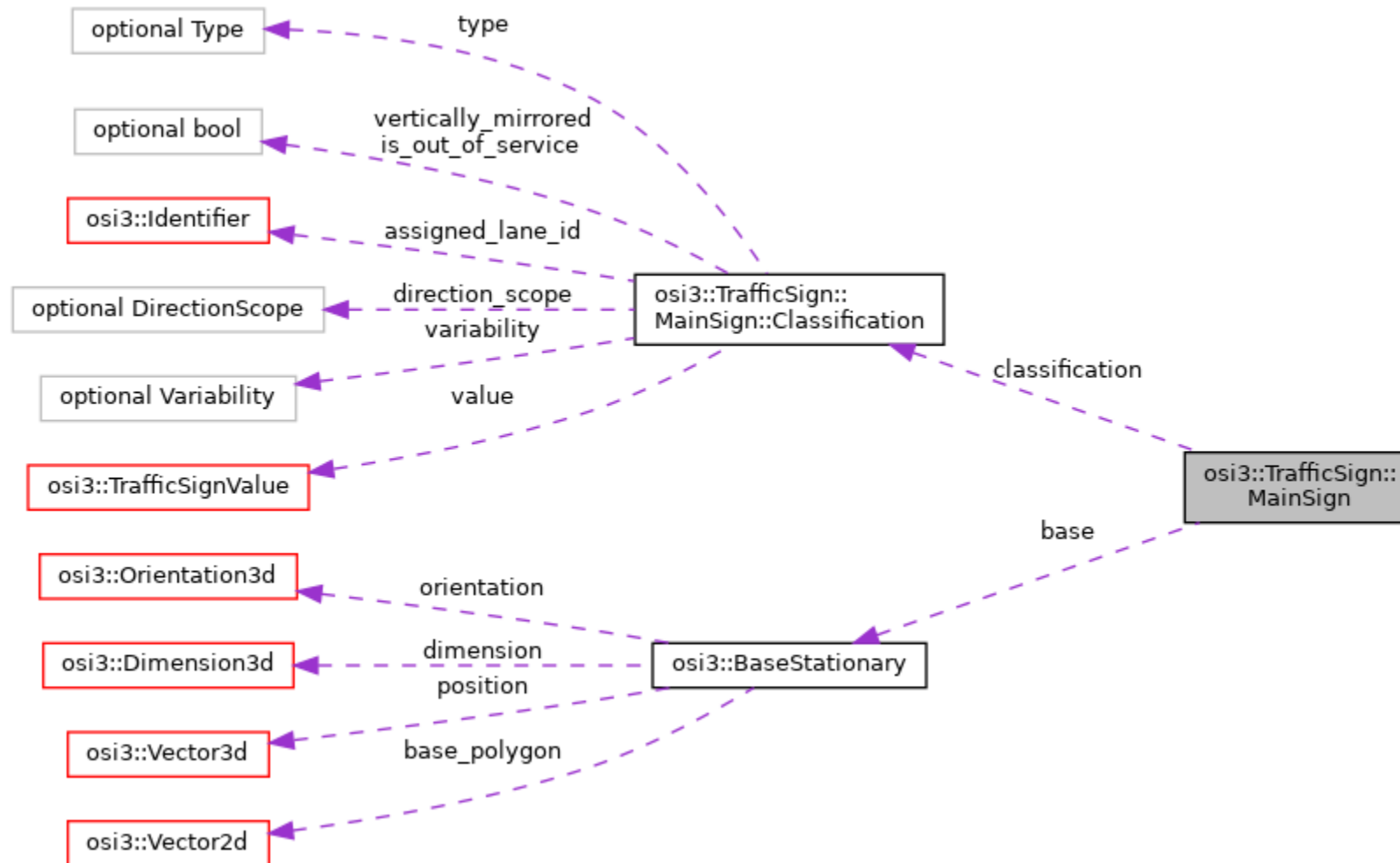
<https://www.ldbv.bayern.de/vermessung/satellitenpositionierung/referenzpunkte/kempten.html>

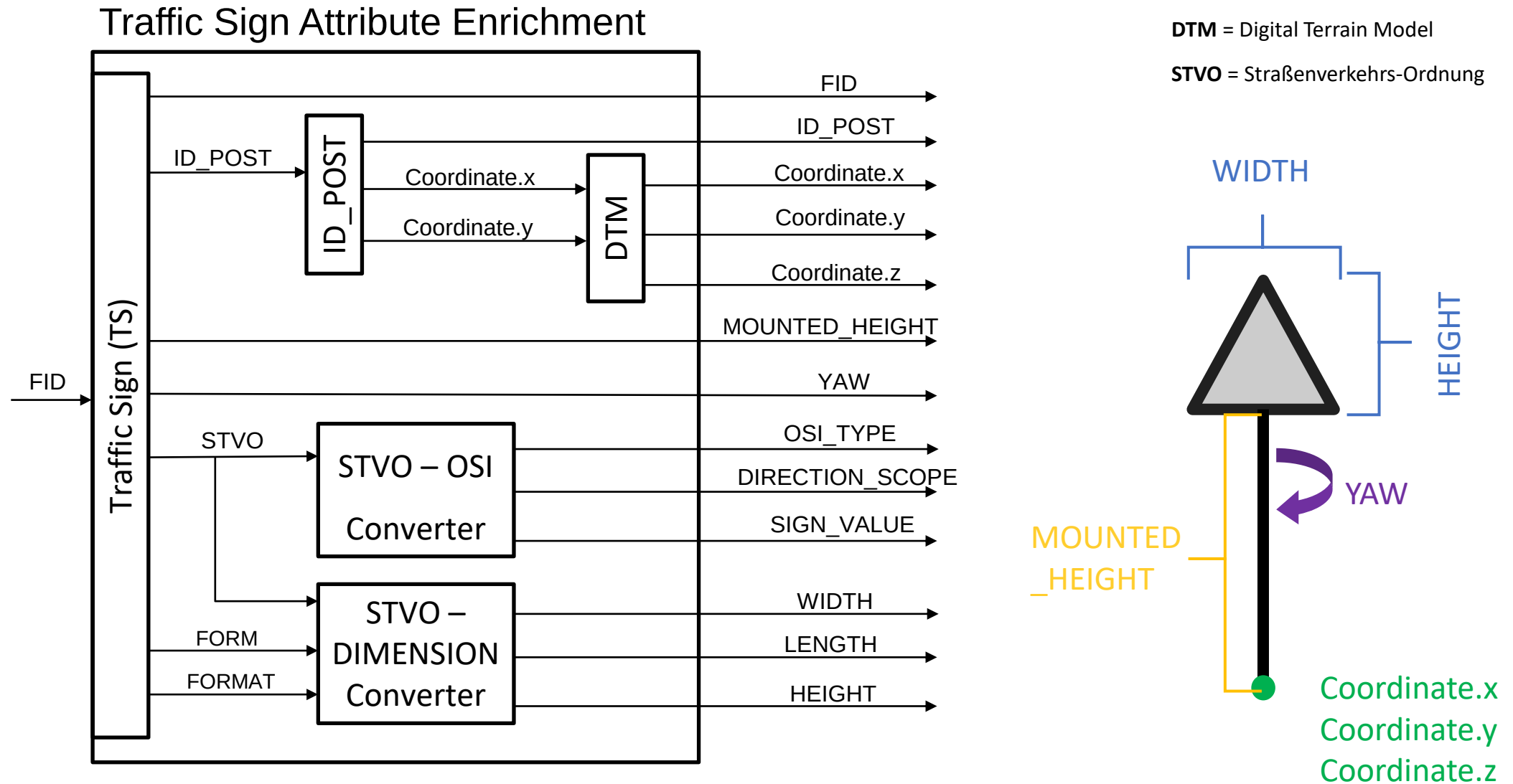
GIS = Geographic Information System

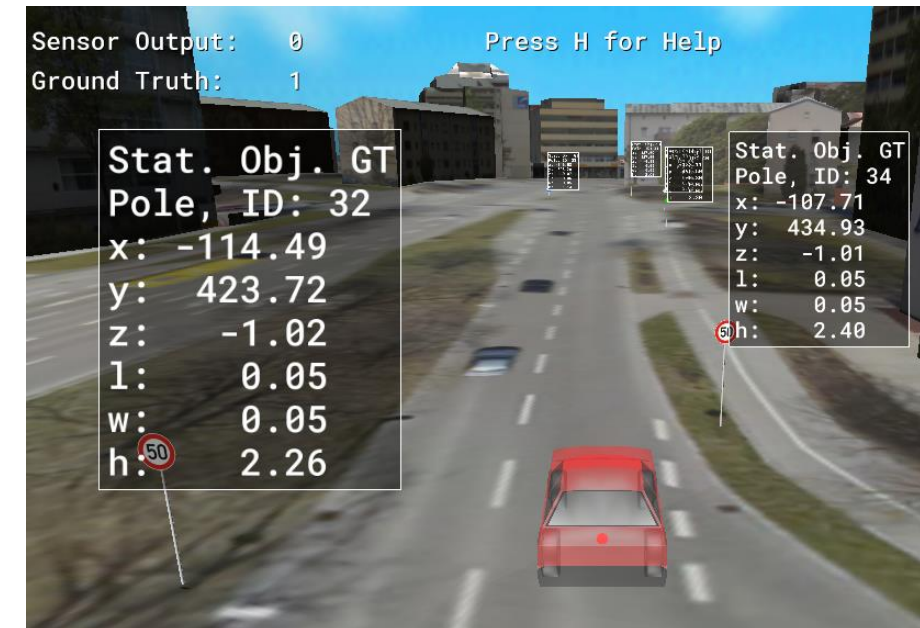
GPS = Global Positioning System

IMU = Inertial Measurement Unit









Moving Objects in Sensor Output: 0 Press H for Help Simulation Timestamp: 33.400
 Moving Objects in Ground Truth: 1 Callouts (Toggle C): Off



- **Team University Kempten**

- Prof. Stefan Schneider
- Dr. Jürgen Stübner
- Peter Buckel
- Julian Sandkühler
- Florian Frank

- **City of Kempten**

- **PMSF IT Consulting**



THANK YOU!

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