

Aggregating live location data from road work vehicles for road operator use cases



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Summary

- goals
- what have we done so far
- how did we do it
- current status
- next steps: WAKANDA

Goals

Aggregating live location data from road work vehicles

We wanted to use existing data sources from contractors

- to avoid cluttering the road work vehicle with an additional device
- to keep costs low by using existing infrastructure

Goals

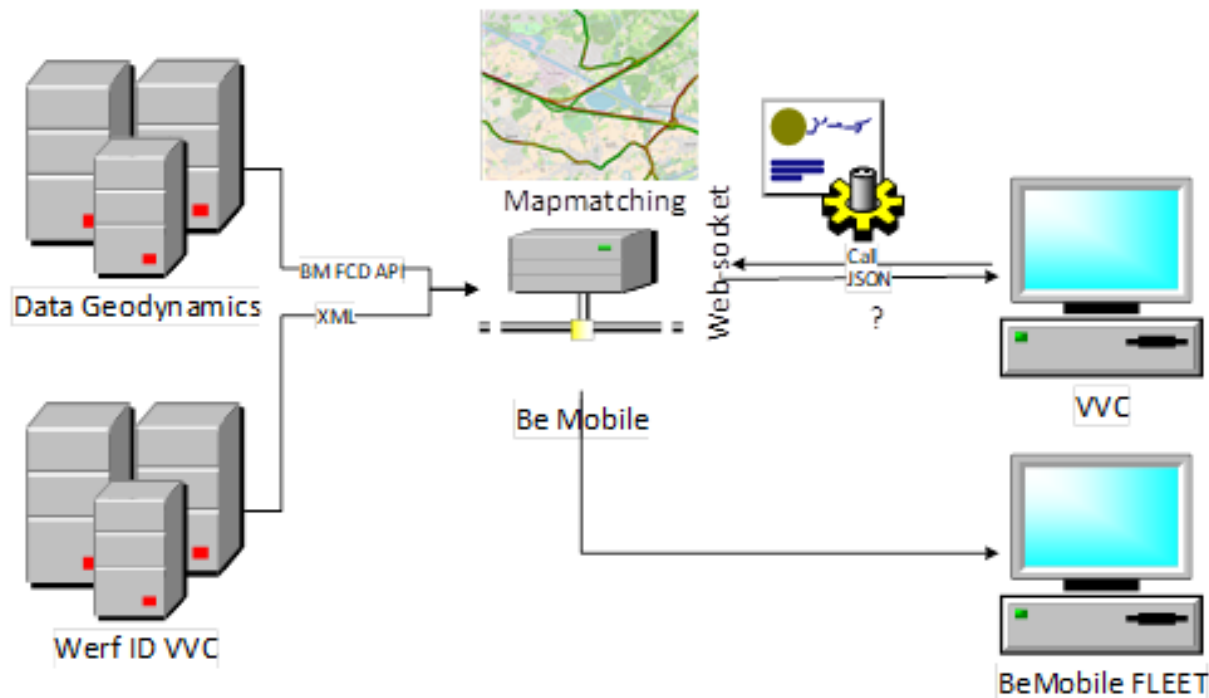
road operator use cases

- safety: inform drivers more accurately about the location of mobile road works
 - classic: through the Traffic control center
 - innovative: through C-ITS
- business
 - road work management and inspection

What have we done so far

- Test phase with about 60 vehicles
- data was provided to the TCC and to C-ITS providers
- attempted to link the data with our road works database (unsuccessful)

How did we do it?



Current status

- about 350 vehicles tracked
- this should be a sufficient density for safety related use cases through TCC and C-ITS (mobilidata)
- next step needed in order to deliver business use cases based on the data and improve the quality of the information for safety related use cases

next step: WAKANDA

Short term: renew the current contract with small improvements

Long term: WAKANDA project

- first challenge: upgrade data quality for safety use cases (lane specific information)
- following steps:
 - managing road works on sensor data level: asphalting; painting, mowing
 - link with road work databases



Thanks for your
attention