

ROADSHOW #1 Supporting Automated Driving through crowd-sourcing based information services

Hi-Drive Webinar 02 – 22.09.2023

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First remarks...

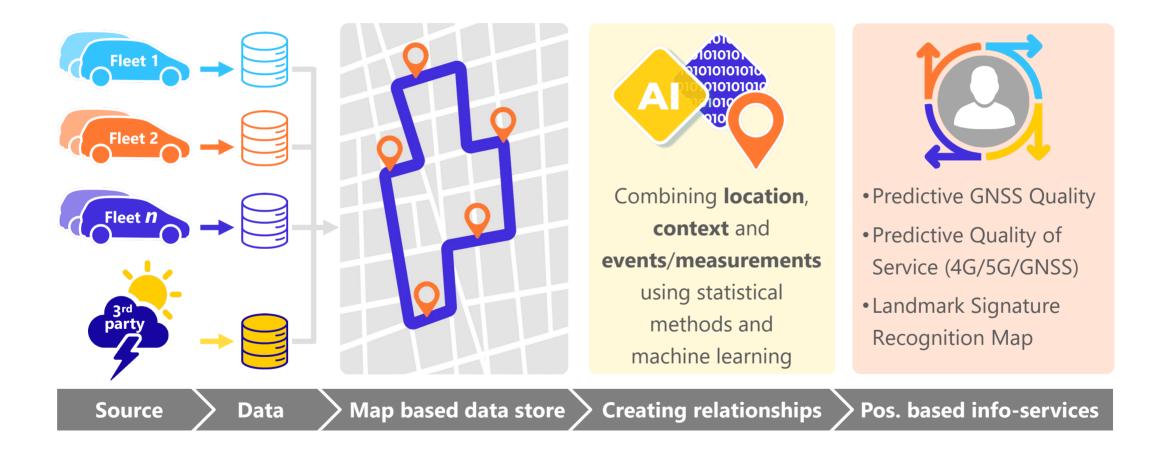


"Everything that happens in automated vehicles happens at a location and in a context."

"By combining data from automated vehicles and further sources with maps, we can learn about what happens at locations."



The "Hot Spot Map" concept



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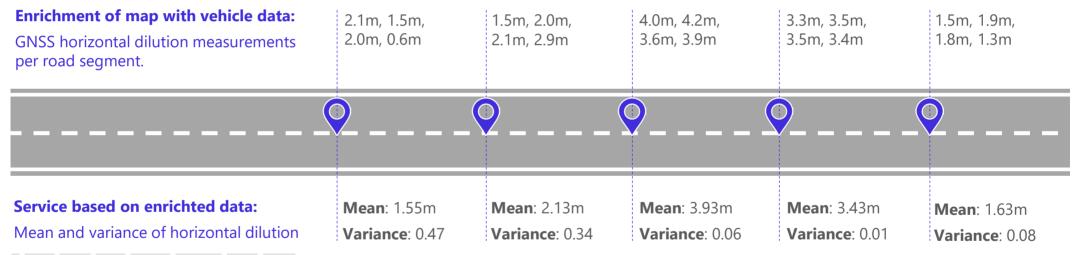
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Services for VTT

Service	Vehicle owner	Development partners
Crowd Based GNSS Availability	VTT	BOSCH
Predictive Quality of Service for Mobile Networks	VTT	BOSCH
Landmark Signature Recognition Map	VTT	BOSCH
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Crowd Based GNSS Availability



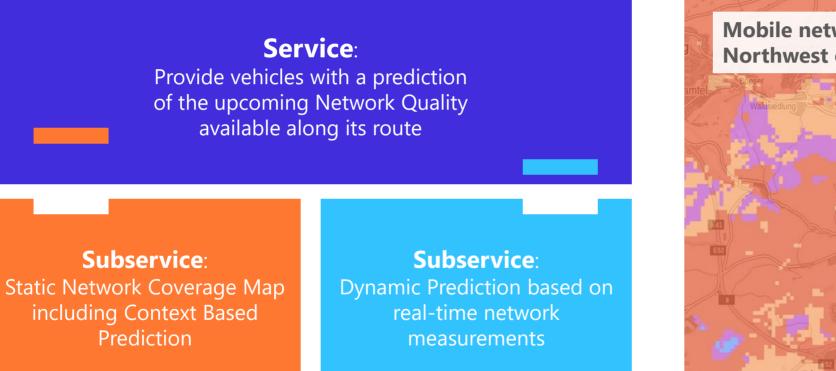




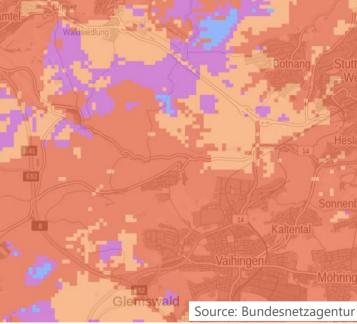
Providing vehicles with a prediction of the upcoming GNSS available along its route.

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Predictive Quality of Service for Mobile Networks



Mobile network availability Northwest of Stuttgart

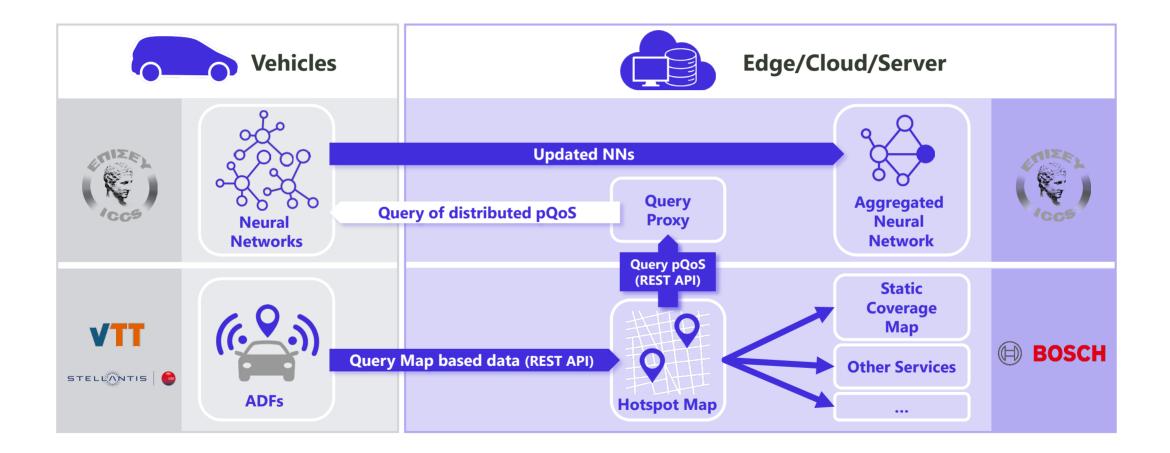


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Predictive Quality of Service for Mobile Networks

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Landmark Signature Recognition Map

Service: Provide location and past/predicted LiDAR reflections of landmarks for different positions on the road) P

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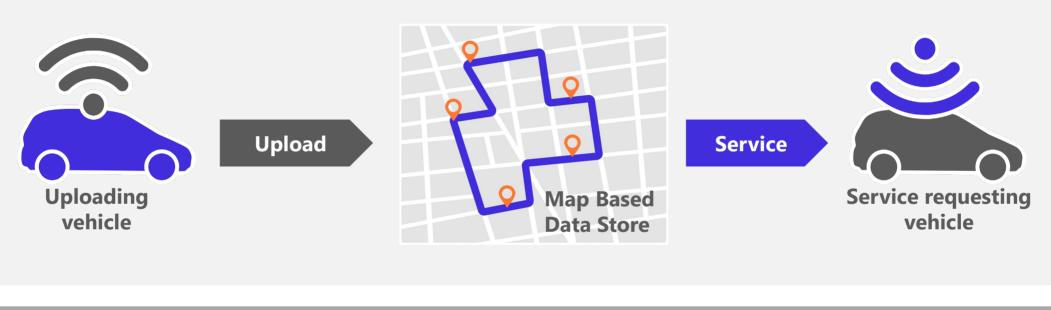
Spatial Information Selectors





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Where to Process What?





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THANK YOU FOR YOUR KIND ATTENTION.

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