V2X System for Future Transportation





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Education



B.S. in Industrial and Systems Engineering

Industry



QC Engineer

Business



Founder of a startup













Solution





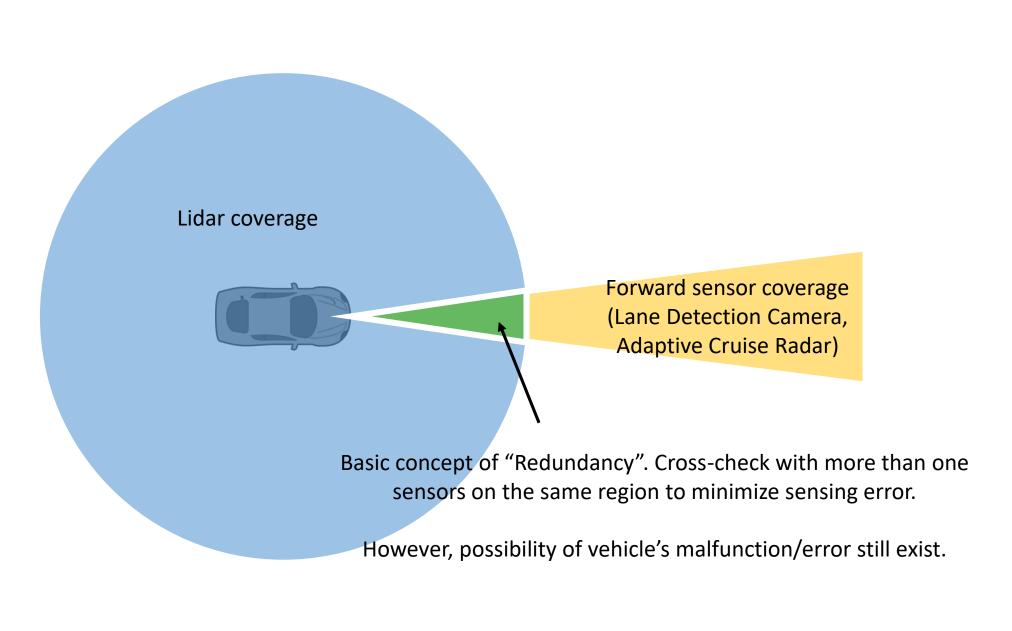
HW Design



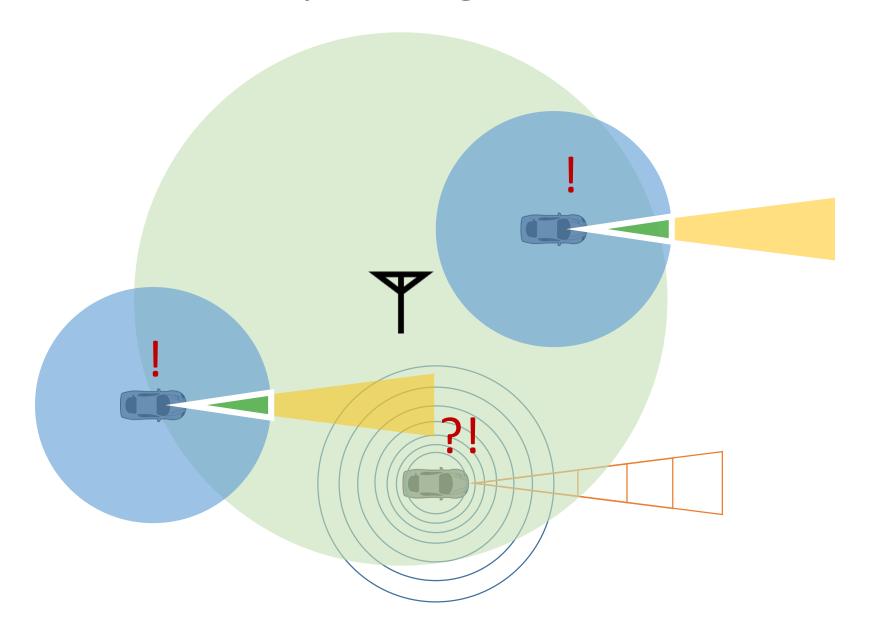
Construction

U.S. Patent #14/798,273

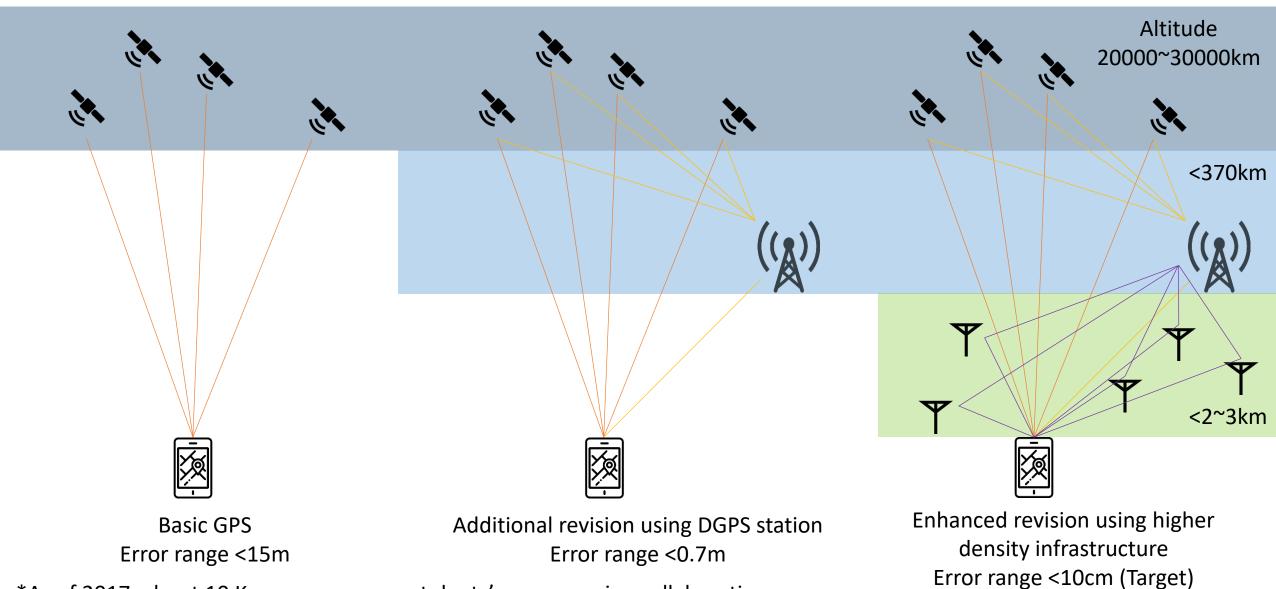
U.S. Patent #15/089,040



Redundancy through infrastructure



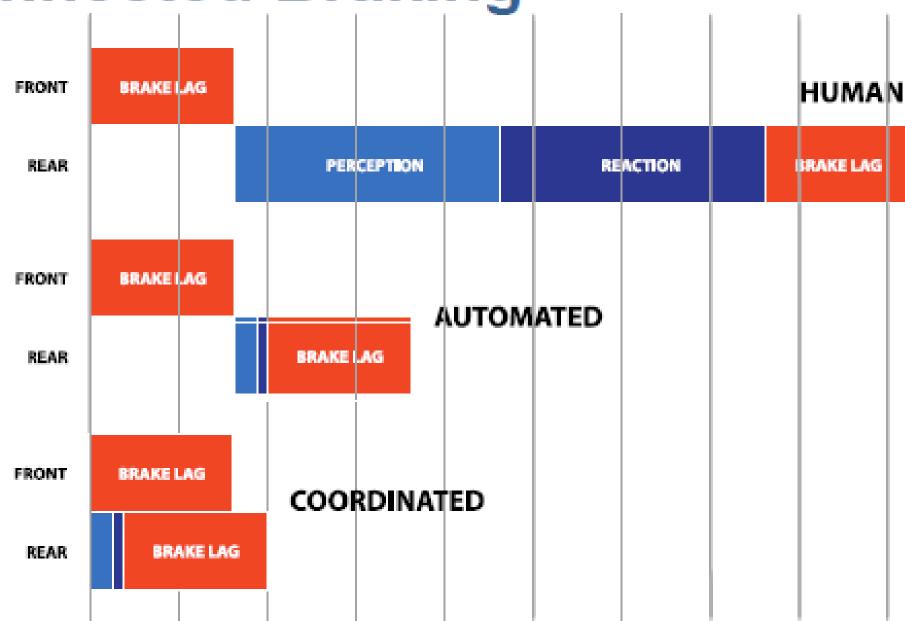
Improve accuracy of real-time location info & latency with infrastructure



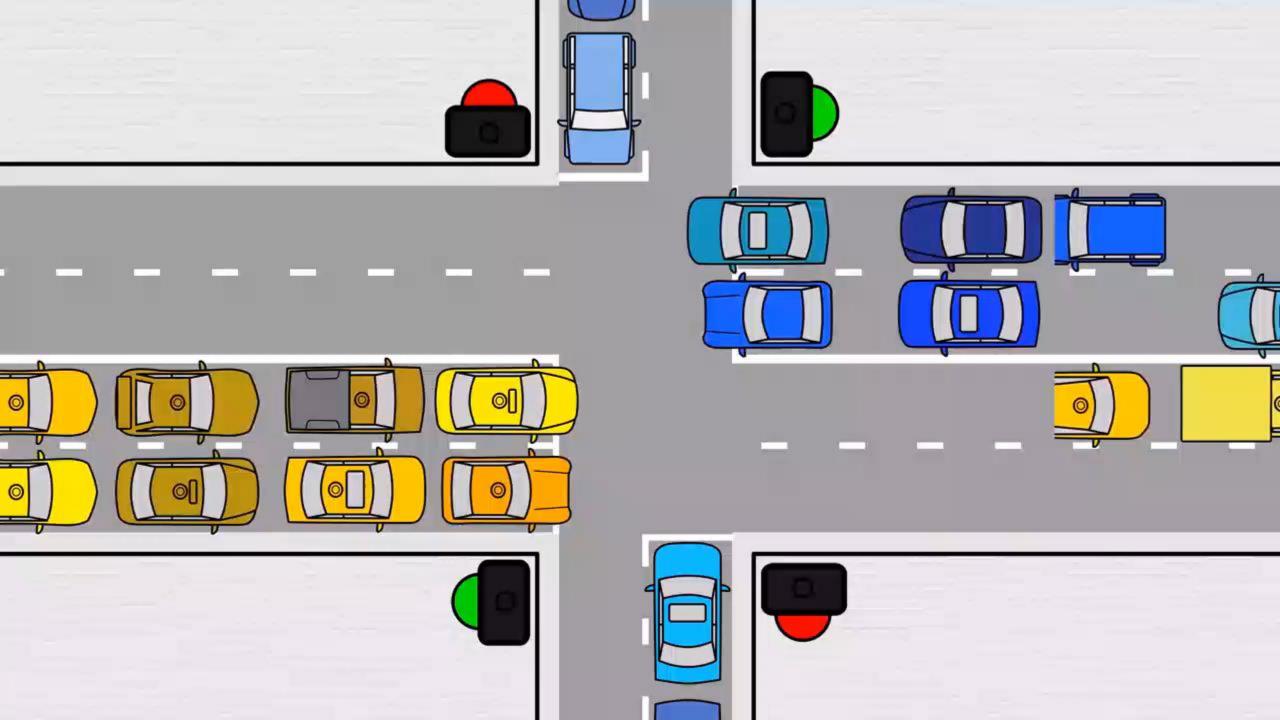
^{*}As of 2017, about 10 Korean government depts' are proposing collaborative satellite accuracy enhancement project from 30m to 1m of error range.



Connected Braking











Solution to
Traffic Congestion
(Could potentially replace traffic light)



Safety Assurance to Autonomous Vehicles



Better Connectivity,
more accurate GIS
without latency—
Possible new
opportunity



"Does your car have any idea why my car pulled it over?"





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