

Chan D. Lieu

VENABLE<sup>®</sup><sub>LLP</sub>



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[www.nhtsa.gov](http://www.nhtsa.gov)

# The New York Times

## Google Cars Drive Themselves, in Traffic

By JOHN MARKOFF LAST UPDATED: OCTOBER 10, 2010

MOUNTAIN VIEW, Calif. — Anyone driving the twists of Highway 1 between San Francisco and Los Angeles recently may have glimpsed a Toyota Prius with a curious funnel-like cylinder on the roof. Harder to notice was that the person at the wheel was not actually driving.

The car is a project of Google, which has been working in secret but in plain view on vehicles that can drive themselves, using artificial-intelligence software that can sense anything near the car and mimic the decisions made by a human driver.

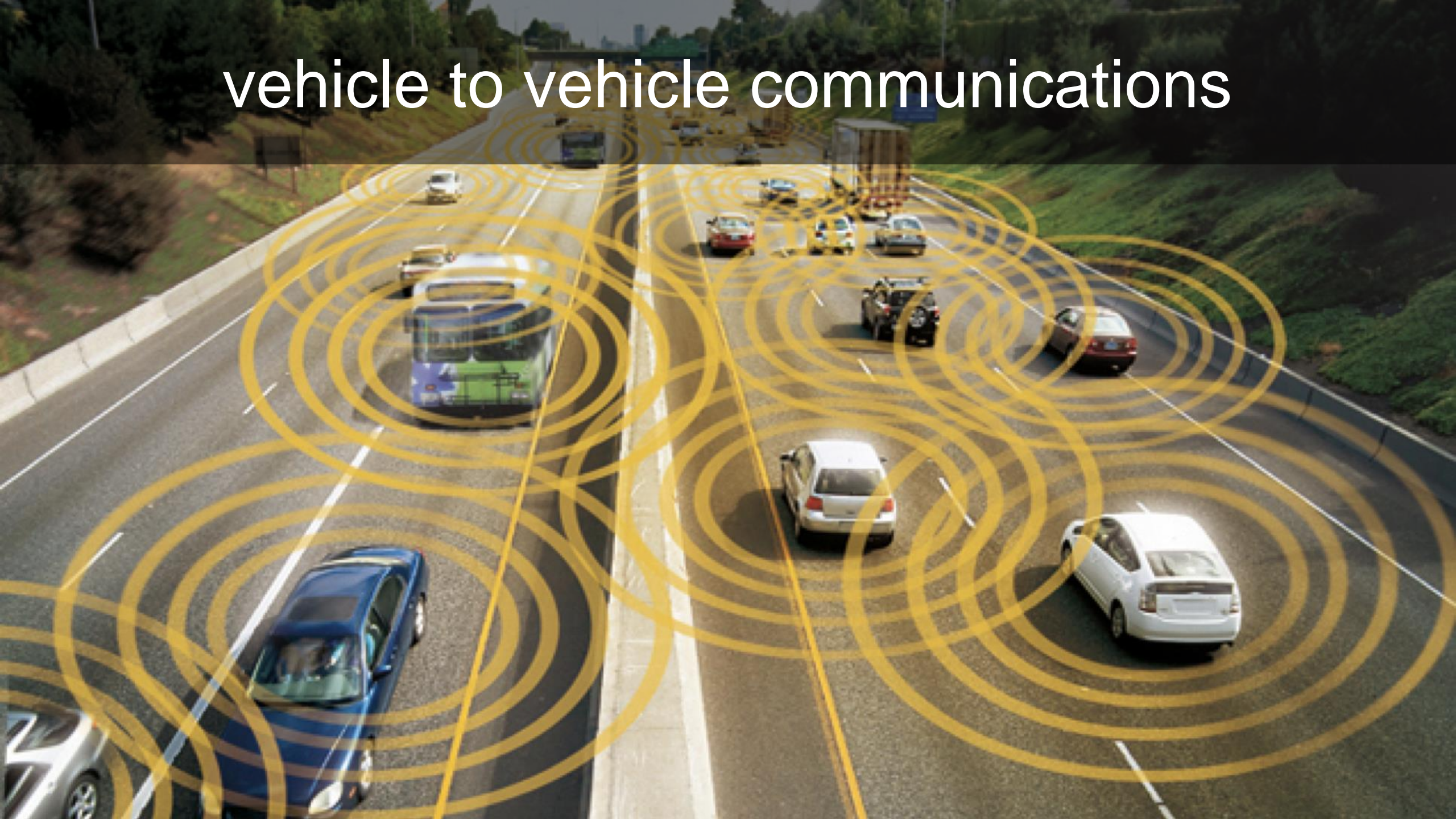


Dmitri Dolgov, a Google engineer, in a self-driving car parked in Silicon Valley after a road test. RAMIN RAHIMIAN FOR THE NEW YORK TIMES

With someone behind the wheel to take control if something goes awry and a technician in the passenger seat to monitor the navigation system, seven test cars have driven 1,000 miles without human intervention and more than



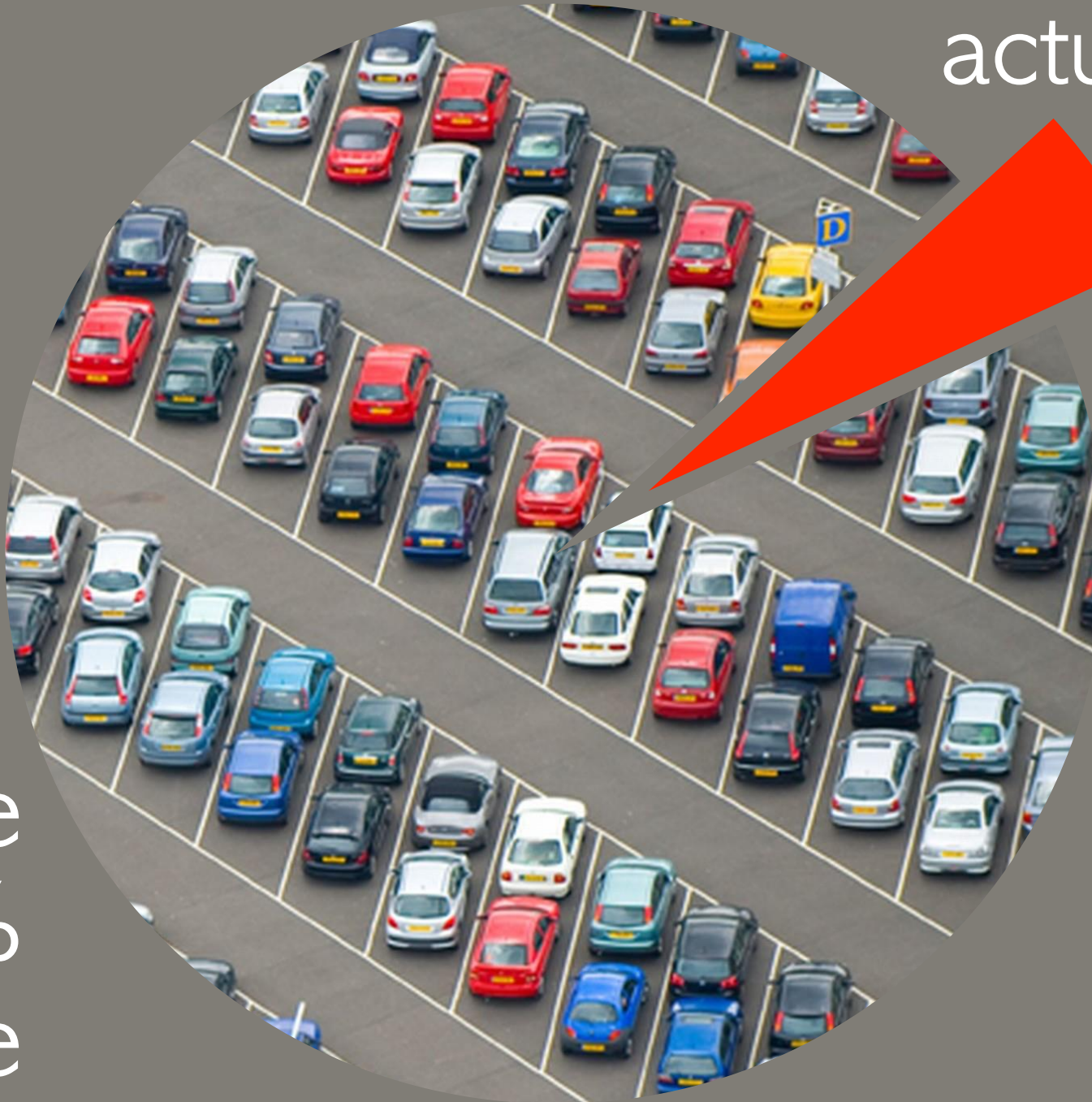
# vehicle to vehicle communications





actual driving  
5%

vehicles are  
parked 95%  
of the time





looking for parking = 25-30% of congestion





# car-sharing





# ride-sharing





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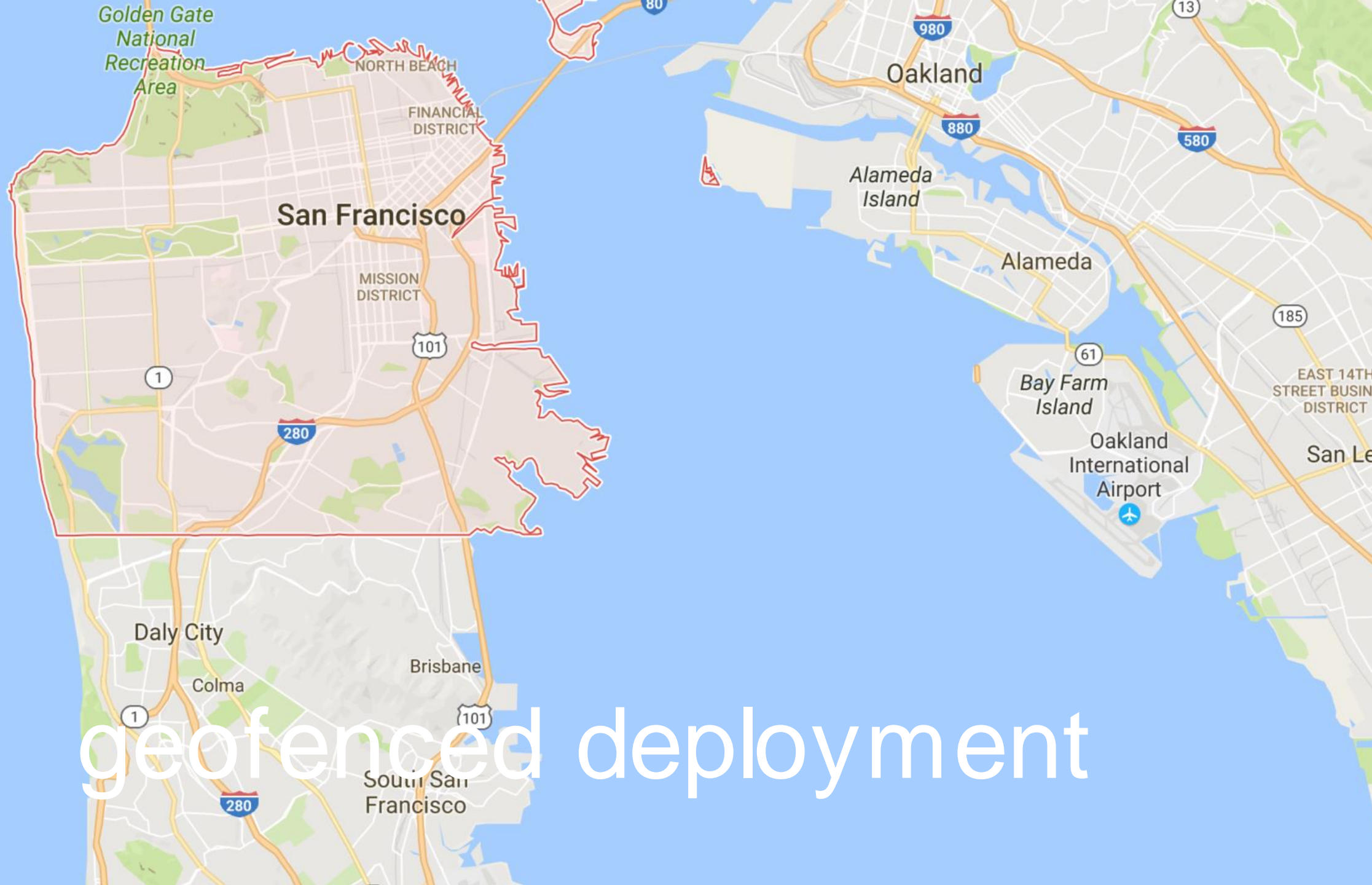
More than a journey

lyft

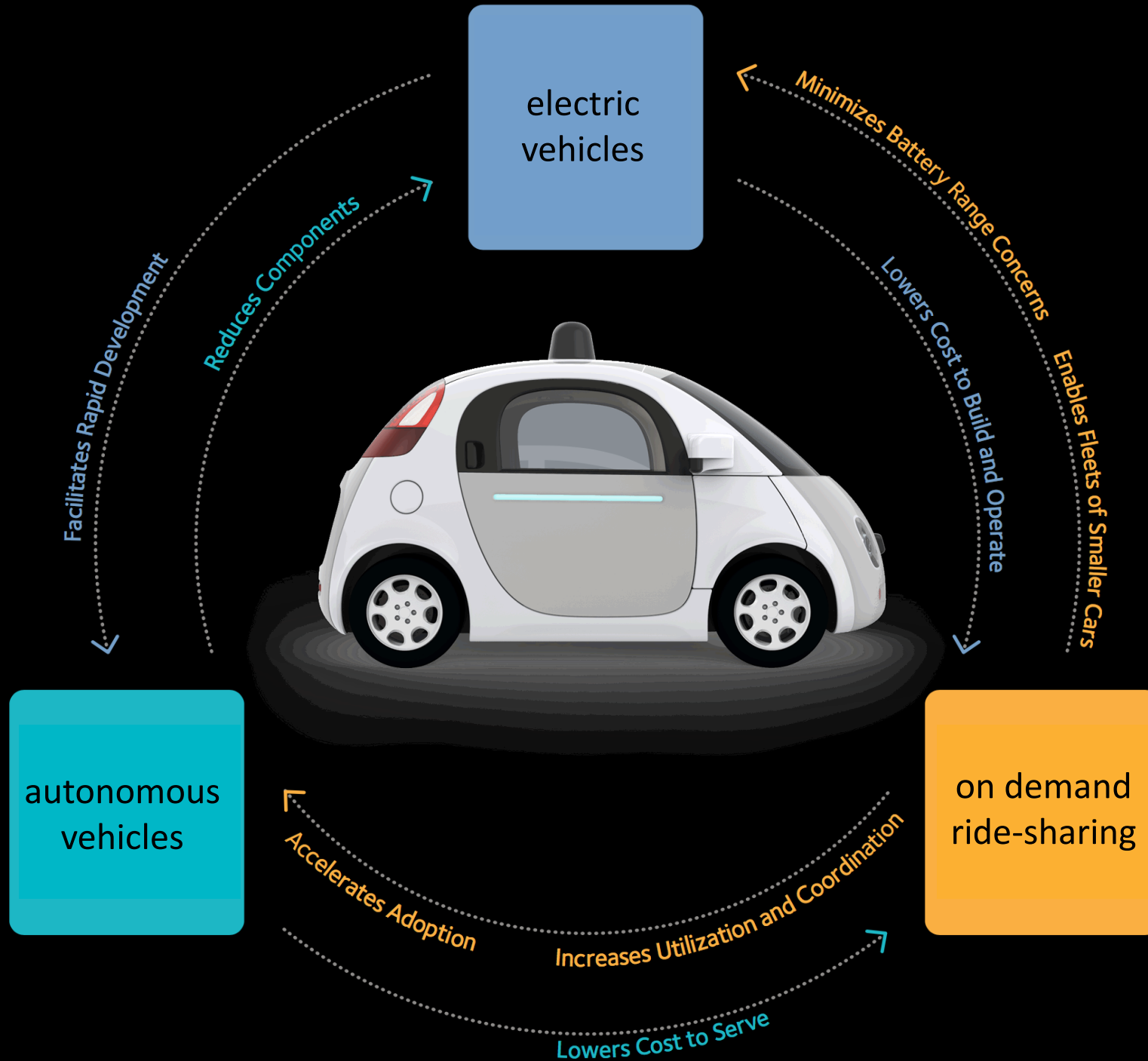


OLA





geofenced deployment











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NJ TRANSIT 

**Summit Station**

