




DESIGNING SELF-DRIVING  
MOBILITY SYSTEMS

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Co-Founder



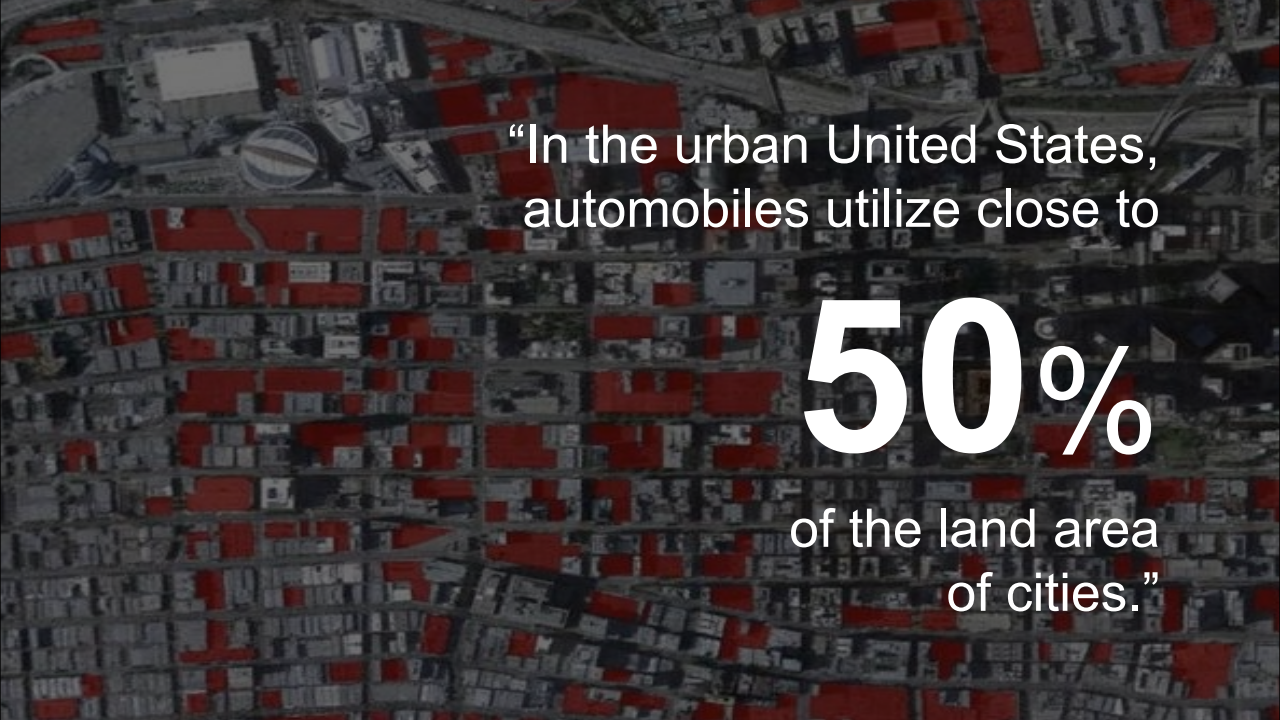
# TODAY'S REALITY



“There are said to be at least 105 million and maybe as many as

**2 BILLION**

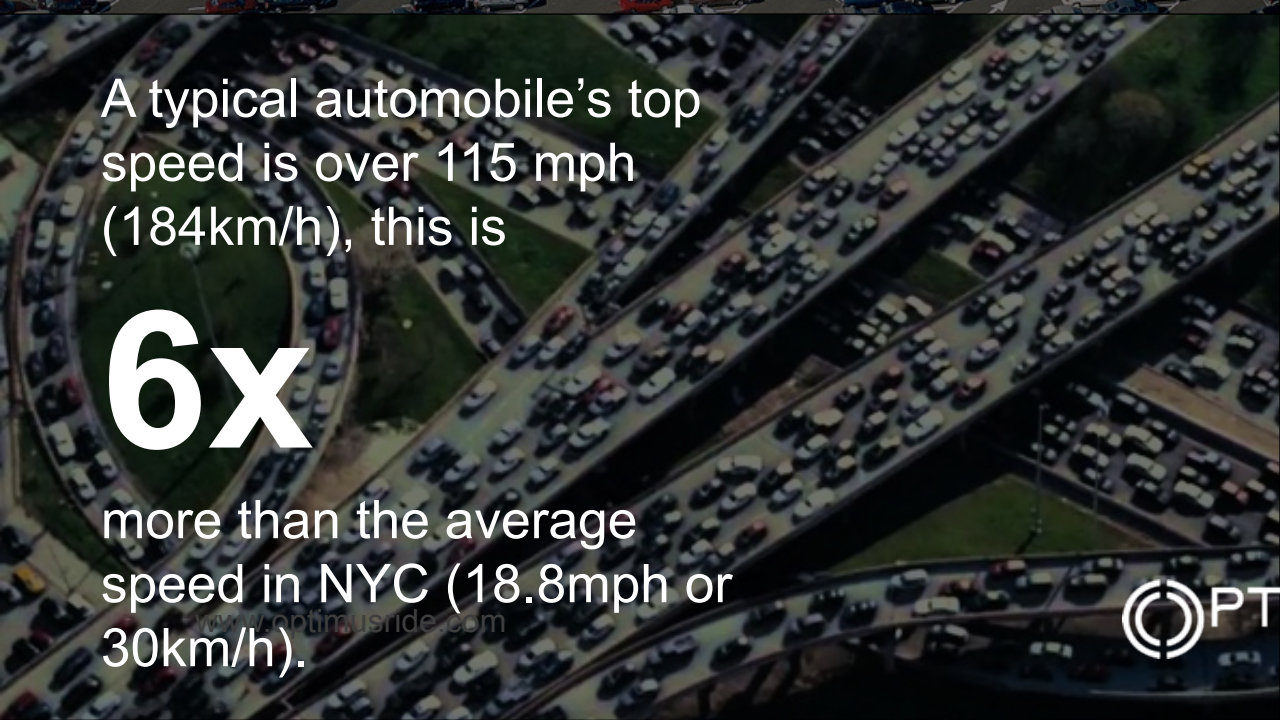
parking spaces in the United States.”



“In the urban United States, automobiles utilize close to

**50%**


of the land area of cities.”



A typical automobile's top speed is over 115 mph (184km/h), this is

**6x**

more than the average speed in NYC (18.8mph or 30km/h).

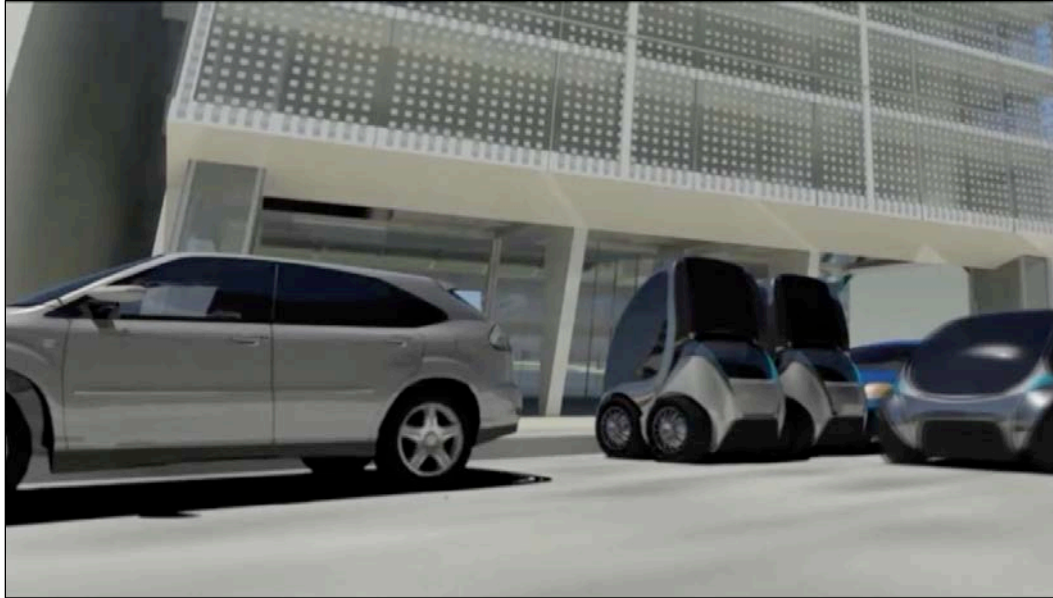


A typical automobile that travels approximately 12,000 miles (19,300 km) a year is utilized only

**7%**

of each day.

# MIT CITYCAR



CityCar Concept  
(2003-2009)

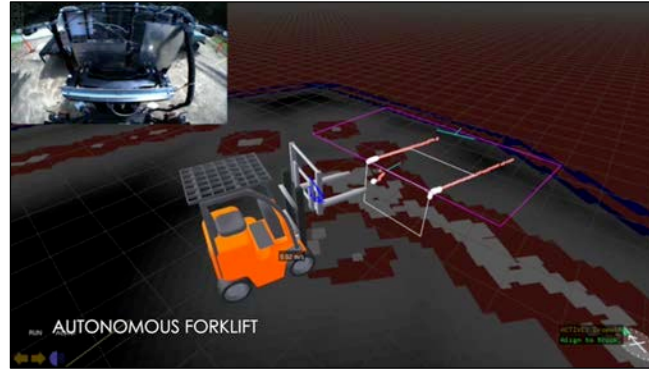


Full-Scale Working Prototype  
(2012)

# TECHNOLOGY TRACK RECORD



DARPA Urban Challenge  
(2007)



Autonomous Forklift  
(2007-2008)

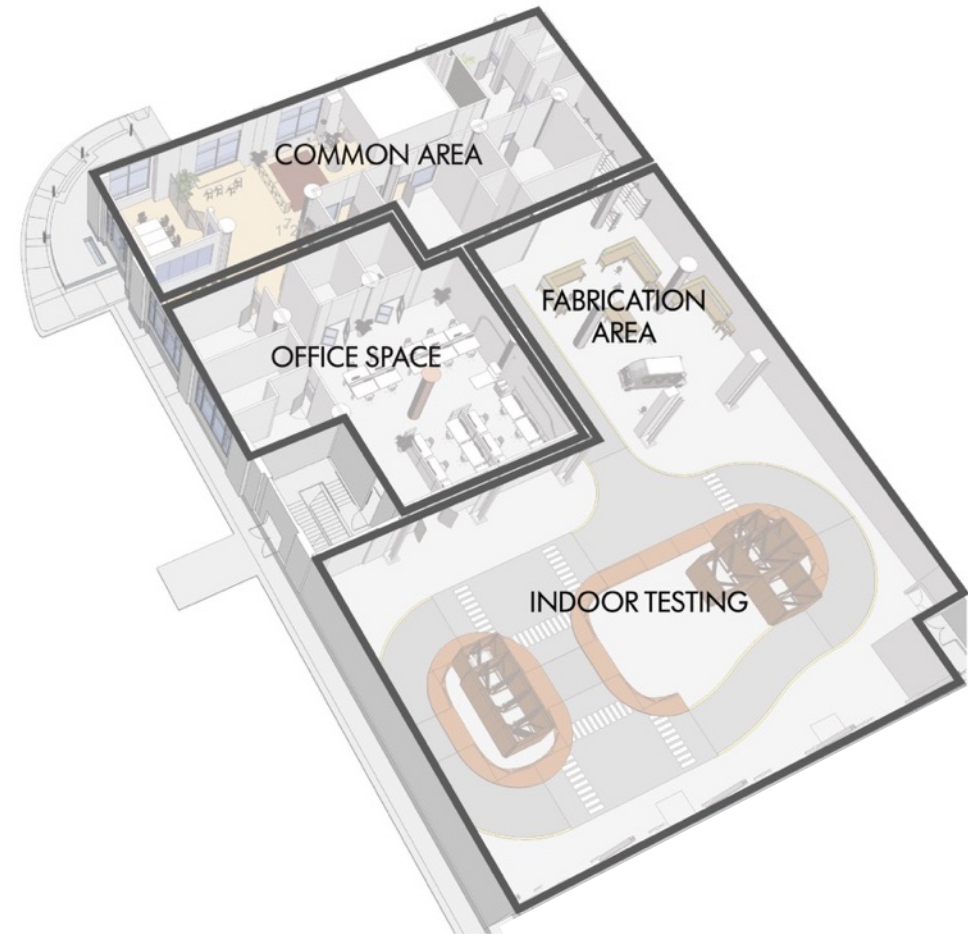


SMART Golf Car  
(2010-2015)

# OPTIMUS COMPLEX

## NEW 20,000 SQ.FT FACILITY

- Office space
- Fabrication area
- Indoor testing facilities (reconfigurable)
- Outdoor testing facilities (reconfigurable)
- Within Boston's newly designated boundary for self-driving vehicle testing (Raymond L. Flynn Marine Park)
- All hands on deck – our entire team will be situated meters away from the testing/pilot area



# OPTIMUS RIDE TECHNOLOGY



Autonomous hardware and software components complete.



Indoor testing at Optimus Complex.

FIRST TWO PILOT LOCATIONS HAVE BEEN APPROVED







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[www.optimusride.com](http://www.optimusride.com)