

Are Self-Driving Buses a Threat to Public Transit?

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2018 Fare Collection/Revenue Management
& TransTech Conferences

About Us



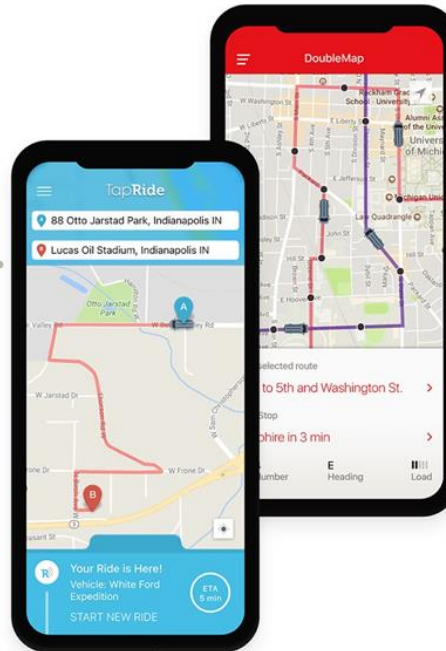
TapRide Multimodal

- Mobile Apps
- Fixed Route
- First/Last Mile
- Real Time Data Analytics
- Shared Ride
- Safety Escort



Computer Aided Dispatch /Automatic Vehicle Location (CAD/AVL)

- Real-Time Dispatching
- Point-and-Click Route Creator Tool
- Customer Administrative Alerts
- Management of Driver Schedules
- Unified Announcement Module
- Interlining



Integrations

- Automated Voice Announcement System (AVA)
- Automatic Passenger Counter (APC) System
- Digital Signage
- Fare Collection
- General Transit Feed Specification (GTFS)
- In-Vehicle Surveillance & Cameras

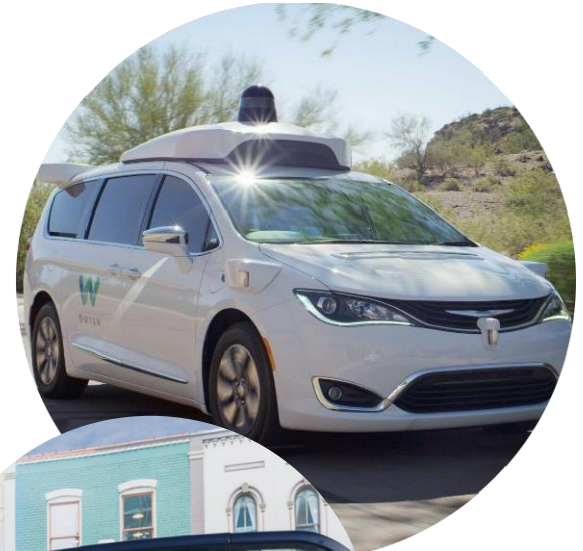


Business Intelligence

- Predictive Analytics
- Enterprise Resource Planning (ERP)
- National Transit Database (NTD) Reporting
- Key Performance Indicators

Autonomy: Friend or Foe?

- **This is one of the great transformations in public transportation?**
 - ABC News, 2018
- **Autonomous vehicles: the opportunity and threat for public transport.**
 - SmartRail World, 2017
- **Are autonomous vehicles a threat for mass transit operators?**
 - Nokia (Thierry Sens) 2016



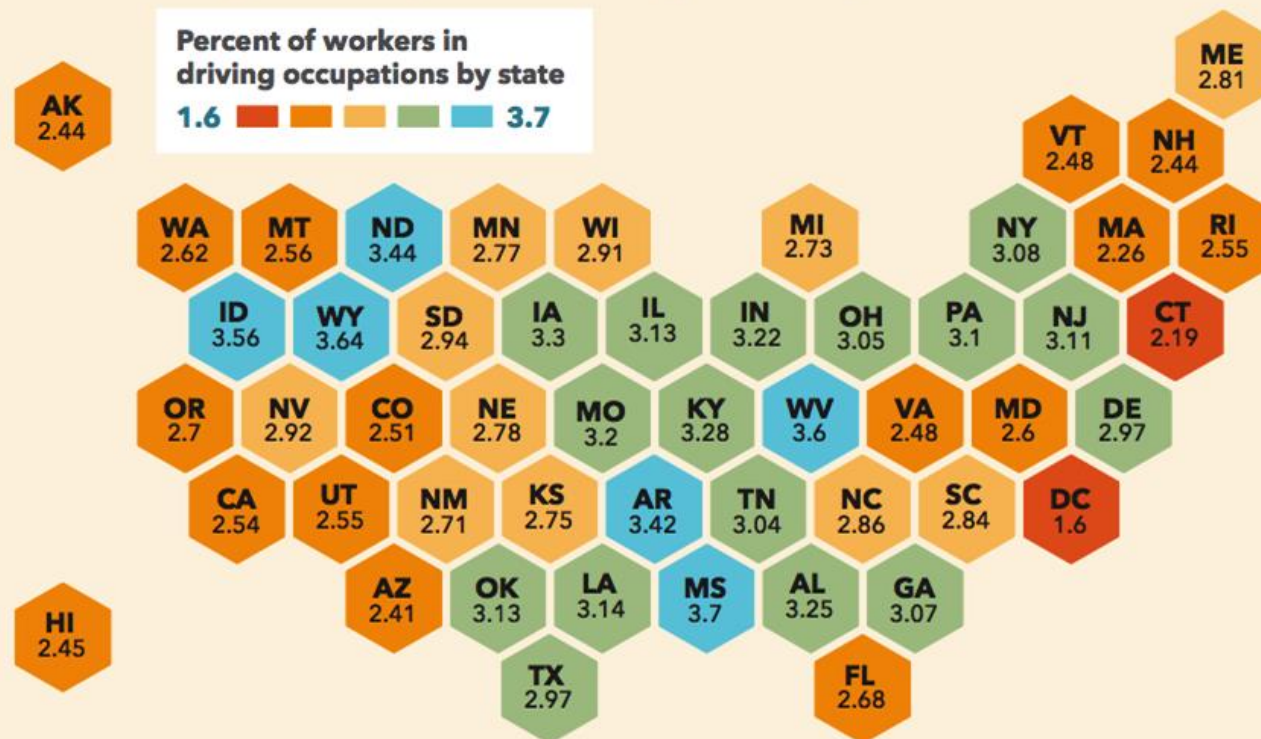
Self-Driving Revolution

An illustration of a city skyline with various skyscrapers. In the foreground, there is a traffic jam with several vehicles including a yellow van, a red car, a white truck, a yellow car, a blue truck, a white car, a red car, and a green car. A red helicopter is flying in the sky above the city. A blue text box is overlaid on the image.

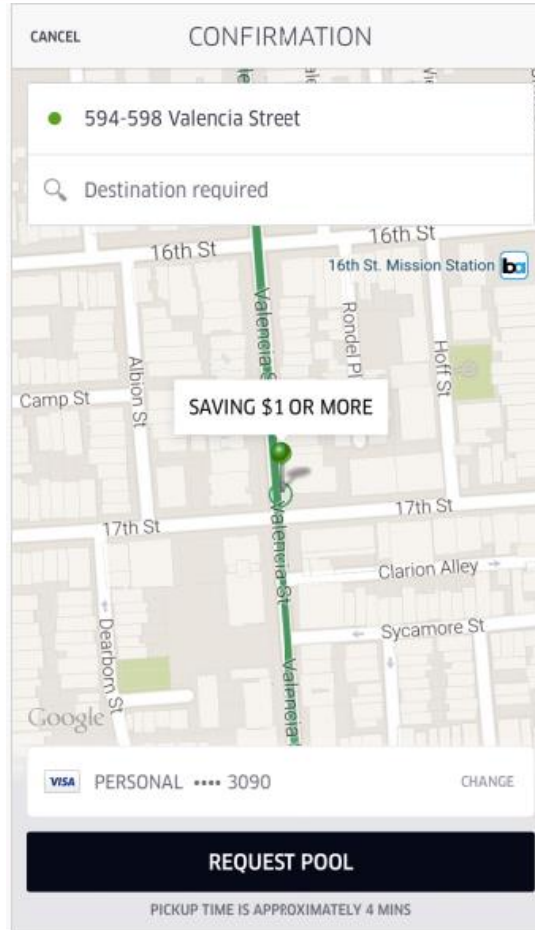
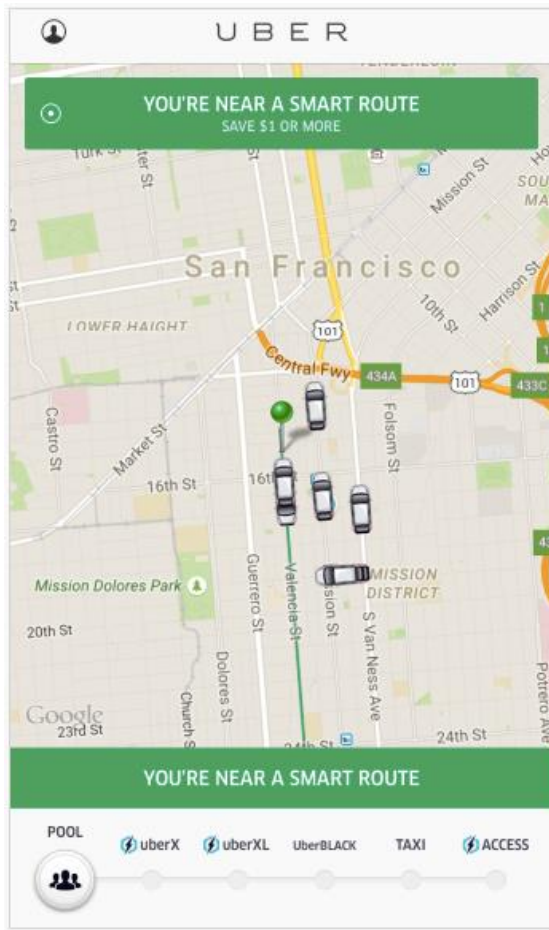
Google's recent case studies anticipate no traffic jams since there will be no erratic drivers, no unnecessary lane changes, no aggravating drivers hanging out in the left lane and nobody going super slow on the interstate.

Anticipate Change

Number and Percent of Workers in Driving Occupations by State, 2010-2014

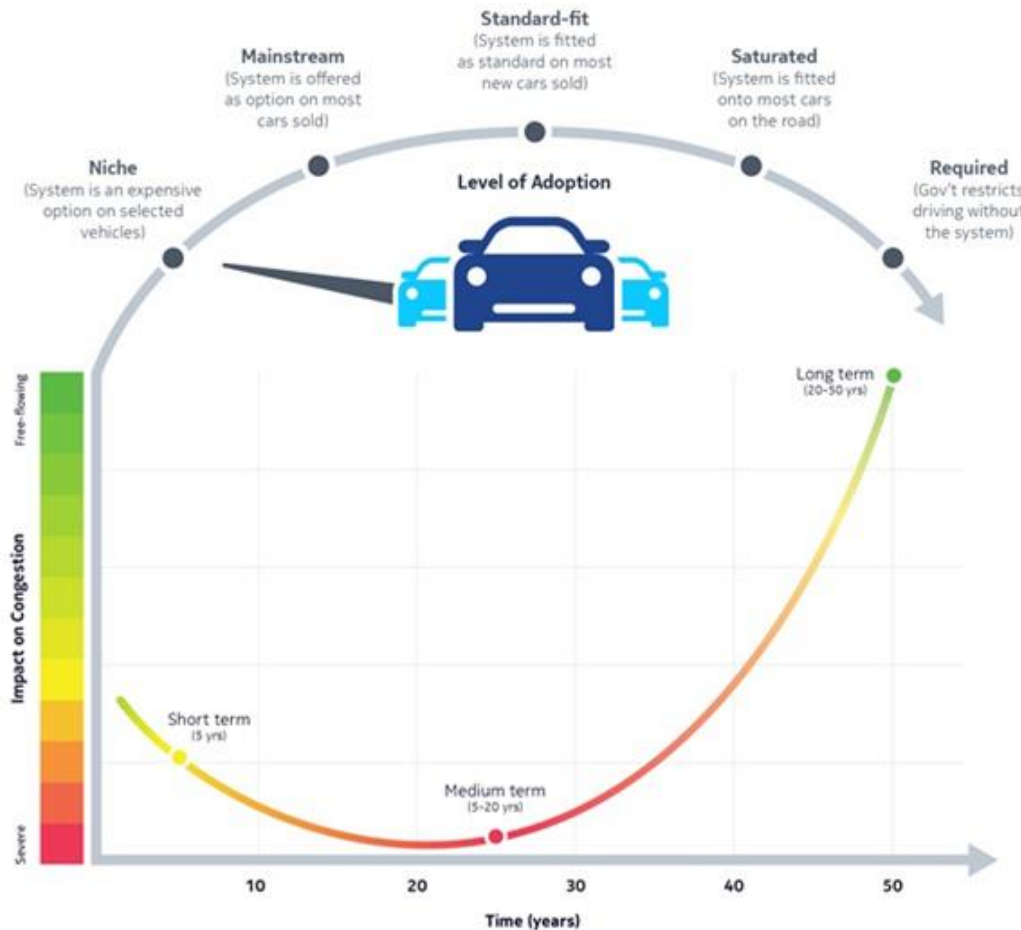


Will Rideshare Leapfrog Transit?



http://www.slate.com/blogs/moneybox/2015/08/25/uber_smart_routes_experimental_uberpool_feature_looks_a_lot_like_a_bus.html

Looking Ahead



<http://smarthighways.net/report-on-autonomous-vehicles-calls-for-collaboration/>

How to Get Started

First/Last Tech



Real-World Pilot



Monitor Regulation



A grayscale background image of a person wearing glasses and holding a smartphone. The phone screen shows a map application with a list of locations on the left and a map view on the right.

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