

SMART IS AS SMART DOES: THE FUTURE IS NOW FOR SMART CITIES

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Objectives



- Define Smart Parking and Introduce Mobility Frameworks
- Provide Smart City Challenge Overview
- Discuss Problems Applicants Sought to Address
- Profile City/County of Denver and its Smart City Challenge Application and Efforts to Date

*SMART PARKING
& MOBILITY
FRAMEWORKS*

What Is Smart Parking?

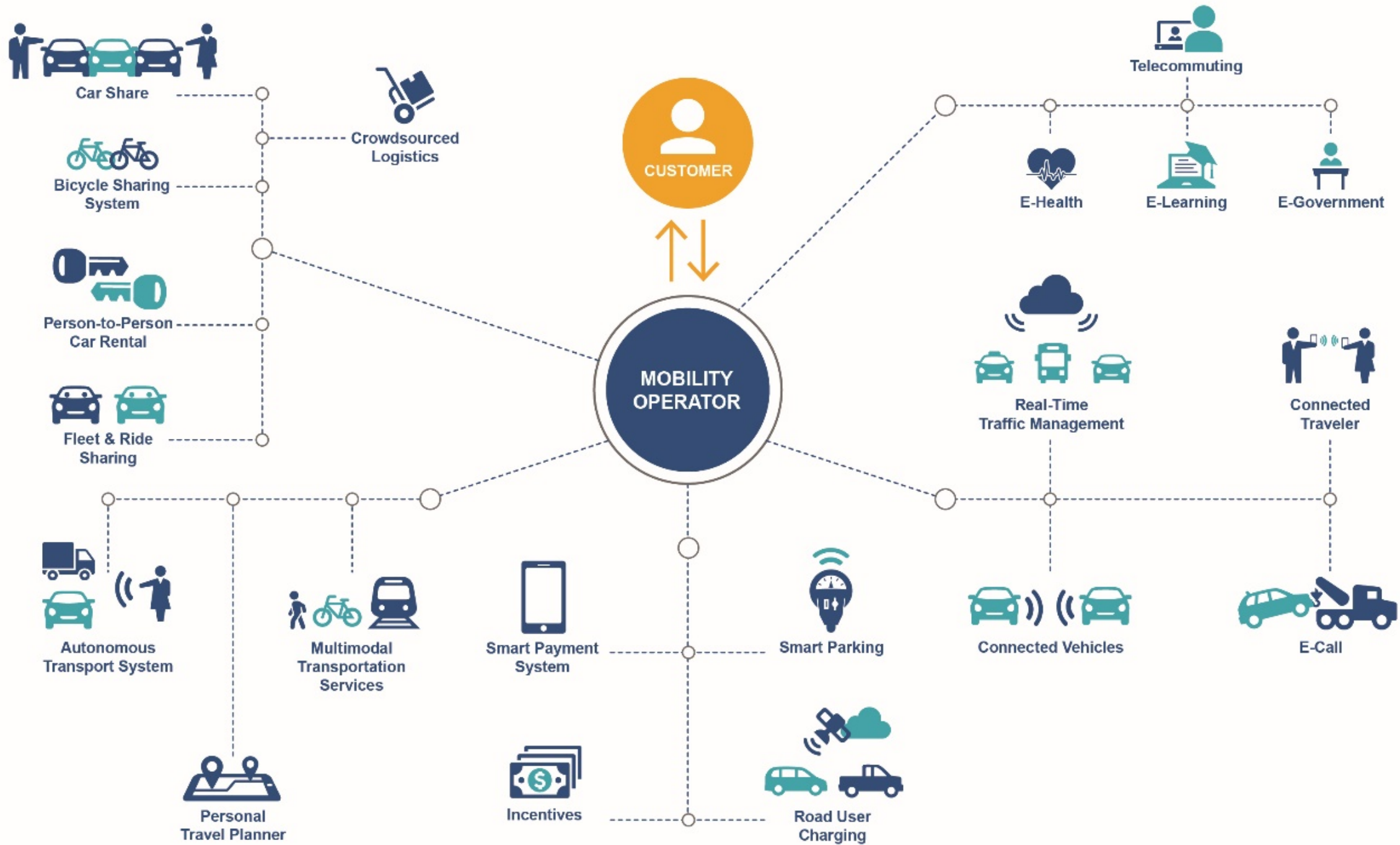


- Credit card accepting payment technologies
- Pay-by-cell functionality
- Parking guidance technologies
- Real-time data and analytics, enforcement and collections
- Demand-based pricing
- Sustainable technology, design and innovation

Technology

Economics

Consumer Experience



Mobility on Demand

Provision of mobility and goods delivery services on demand by dispatching or using public transportation, shared mobility, courier services, UAVs, drones, and other innovative and emerging technologies.



*SMART CITY
CHALLENGE*

Overview



- Launched in 2015
- 78 applications
- \$40 million winner, additional \$65 million
- Finalists:
 - Austin
 - Denver
 - Kansas City
 - Pittsburgh
 - Portland
 - San Francisco

Columbus

Challenges



- 1st & last mile service
- Coordinating data collection/analysis
- Limiting the impacts of climate change
- Movement of goods
- Reducing parking inefficiency
- Optimizing traffic flow

Proposals



- 44 Automated shared use vehicle testing
- 11 Smarter curb management to improve urban freight
- 17 Inductive wireless charging
- 53 Dedicated short-range communications systems
- 45 Unified traffic data analytics platform

*The Denver
Experience*

THANK YOU