







Parking: What Your Car Isn't Telling You – But Will Soon

Asdrúbal Pichardo, March 2014

STREETLINE Connecting the Real World

PARKING: CAN IT BE FUN?









- 30% of traffic caused by people looking for available parking
- In Germany, drivers invest about 70
 Million hours per year looking for parking!
- According to a global survey in 2011 in 20 cities: 6 out of 10 people abandoned looking for parking



THE COMPLETE INTELLIGENT PARKING SOLUTION

6- City receives analytics for policy and parking asset management via **ParkSight**





1- Every parking activity is detected in real-time via the Streetline **Sensor**

5- Local merchants, garage operators engage w/consumers via Parker and **ParkerMap** (in-app ads, special offers)



2- Motorist is guided to available parking spaces via **Parker**

> Or by dynamic message signs



(brand not relevant)

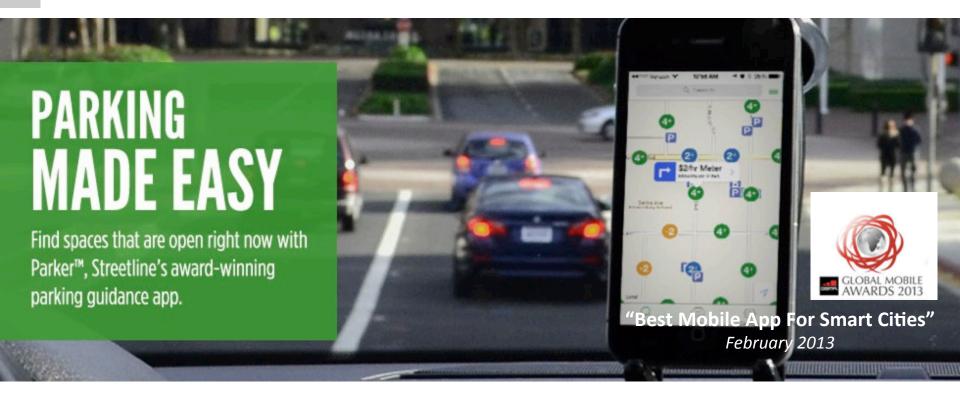
4- Motorist Activates timer & pays by phone via Parker





3- Motorist parks (at any paid or Unpaid space)







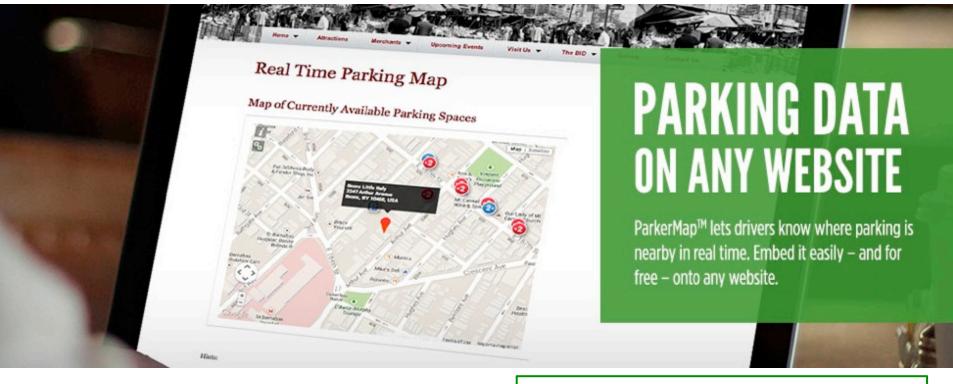
Parker[™] by Streetline

- Motorist guidance
- Hands-free functionality
- Easily find and pay* for parking
- Reduce driving time and vehicle miles traveled

"We tried out the (Parker) app and wish it were already available in every city we've ever driven!"

WIRED





ParkerMap[™]

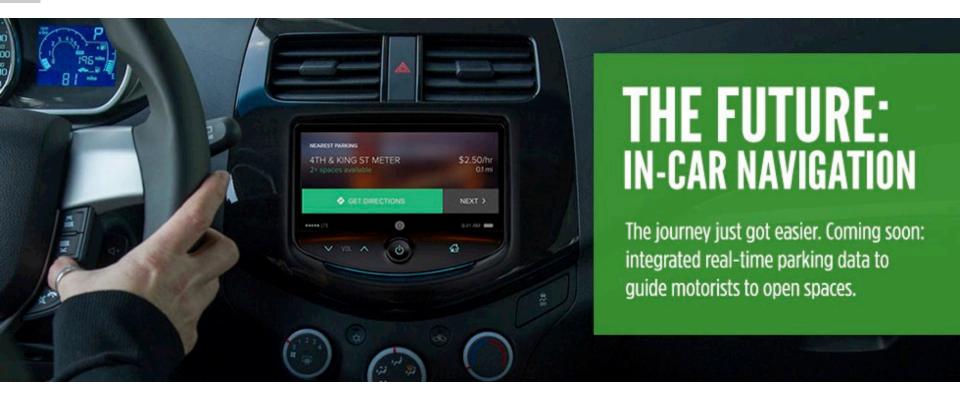
- Easily embedded in any website
- Show visitors where to find parking
- Free for local merchants, universities... any website!

Mandaloun

"Adding ParkerMap to our website allows us to inform guests of the parking options near our restaurant. It is a clear way to show where parking is available in relation to our location and it was simple and easy to use."

- Basim Nimri, Owner Mandaloun Restaurant





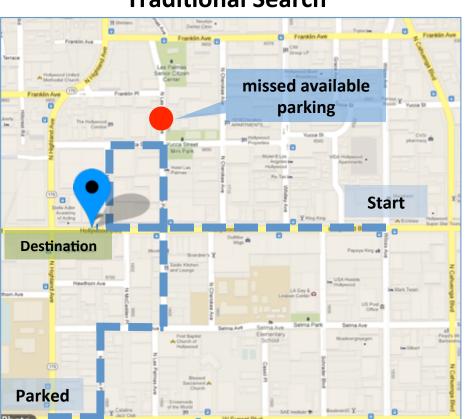
ParkerData[™] for the Connected Car (In Development)

- Integrated real-time parking data guides drivers to open spaces in a seamless experience.
- Offers drivers guidance for the complete journey
- Natural integration into traditional in-car navigation
- Brand differentiation and value-add for customers

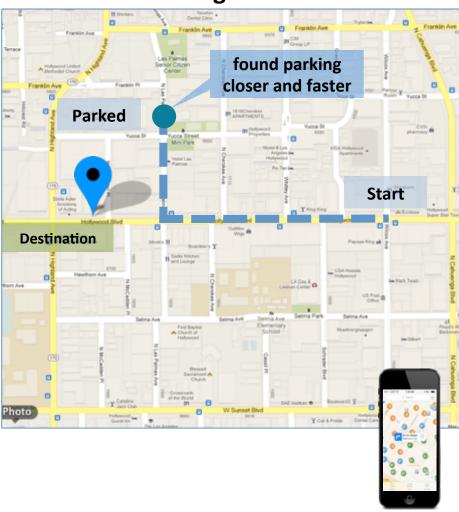


RESULTS OF PARKING GUIDANCE

Traditional Search



Using Parker



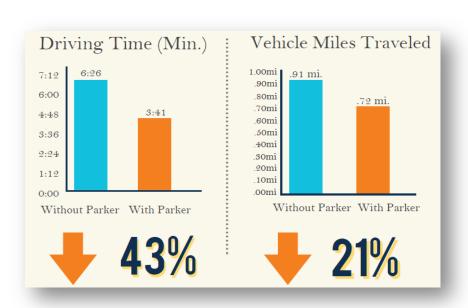
IMPACT OF PARKER FOR CONSUMERS & SUSTAINABILITY

ParkerTM: Consumer research indicates reduction in both driving time and vehicle miles traveled using Intelligent Parking app Parker.



IMPACT OF PARKER

Streetline put the Parker app to a test and here are the results:



The annual impact if 100,000 people used Parker three times a week



BENEFITS OF PARKER

- 1. Manage traffic network and traffic flow for motorists, emergency vehicles, public transit, deliveries, etc.
- 2. Improve road safety for pedestrians, cyclist, residents and visitors
- 3. Reduce carbon emission and reduce congestion to achieve Birmingham's emissions reduction target





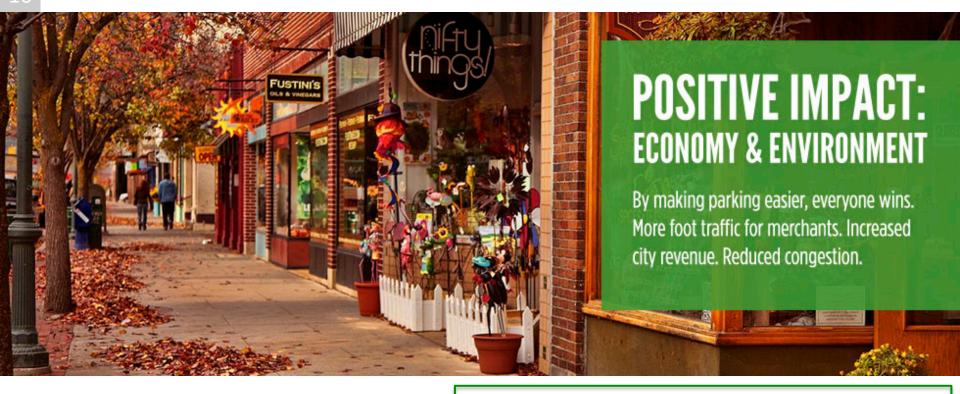
ParkSight[™]

- Policy management and analytics
- Demand Based Pricing
- Reduce congestion
- Real-time data + cloud-based parking apps =
 Intelligent Parking for Cities

"We've always believed technology would help us to more easily make decisions based on data. [With Streetline], we are increasing turnover on Main Street, attracting customers, helping businesses and making visiting Ellicott City easier."

> - Ken Ulman, County Executive Howard County, MD





Intelligent Parking = tangible results:

- Reduced congestion
- Increased revenue
- Increase in parking turn-over
- Data-driven decisions
- Retail growth
- Quality of life

"As a person who works [downtown], parking is so critical to everything that we do. Better managing supply allows everyone who works, eats, shops, and lives here to do those things easier."

- Craig Ishii, Japanese American Citizens League, Los Angeles, CA



Streetline Intelligent Parking Momentum

45+

Customers with real-time data on-street

25,000

Off-Street locations

65 Cities

With data in Europe and North America



Parker in Manchester and Birmingham (Sunday Times)



Mayor Bloomberg, NYC, launches Parker in NYC

MARKET LEADERSHIP AND RECOGNITION





2011 WSJ Tech Innovation **Award – Transportation** October 2011



App Solves City Parking Woes November 2013



Connected Car Best Platform and Apps Award November 2013



"It's a good way to use technology to help the public how can I find a parking space faster?" - February 23, 2011



World Technology Awards Finalist

October 2012



Best Innovation for Smart Cities November 2013





Fast Company 10 Most Innovative **Companies** in transportation

FAST @MPANY

March 2011





"Streetline works with cities to place sensors in parking spaces and uses data to help drivers find an open spot with an app called Parker."

- April 1, 2013



Gartner.

2011 Gartner Cool Vendors in Automotive June 2011





"Tired of Struggling to Find a Parking Space?" March 2013



"The only conclusion is that the app is brilliant!" - March 31, 2013











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