

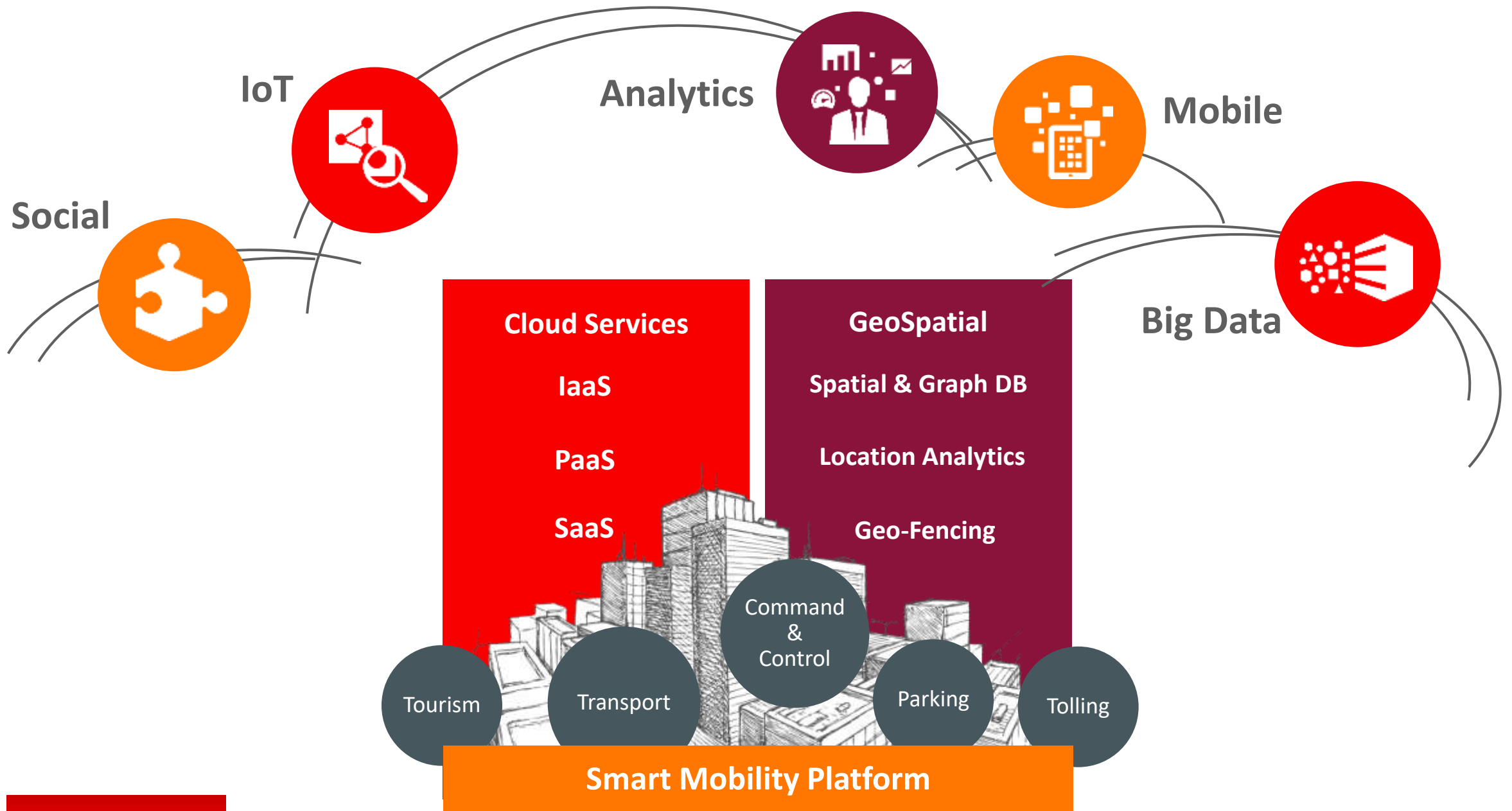


Smart Mobility

Digital Drive & Spatial Effects

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ORACLE



COTRAL, larger Rome region, Italy

City Service

Proactive info on route changes,
optimal route planning

COTRAL
life is moving

City Operation

Geographical Motion Monitoring
and Management with MapViewer



City Infrastructure

Oracle Spatial Database stores
real time bus info

Sustainable City

Bus position, speed, engine
status, # passengers, fuel...



transports publics fribourgeois, Switzerland



City Operation

Database appliance supports growth, with capacity on demand

Business Productivity

Optimize public budgets, a small team can administer

City Infrastructure

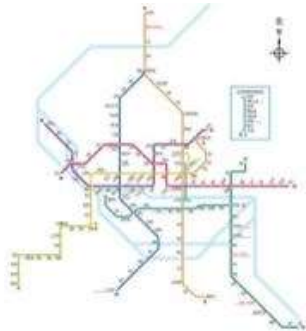
Excellent hardware and software integration and monitoring



Guangzhou Metro Corporation, China



广州地铁
Guangzhou Metro



City Operation

Faster budgeting (2.5x) and
approval (3.3x) process

Business Productivity

Integrated management of
construction, operations, assets



City Infrastructure

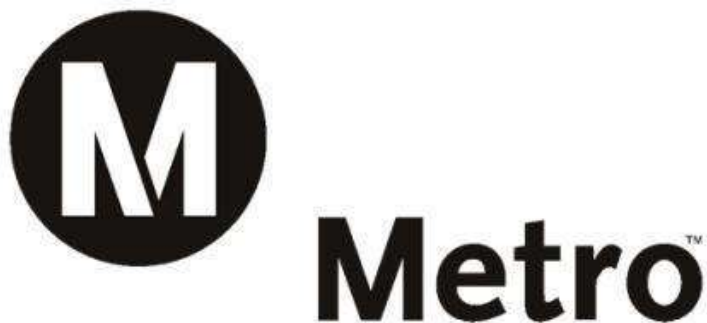
Budget application platform
integrated with multiple sources

Sustainable City

Moves 1+ billion passengers per
year



Los Angeles Metropolitan Transportation Authority, USA



Citizen Empowerment

Automated contractor document submissions through Web

City Operation

Document, cost and change control to manage contracts

Business Productivity

Reduced error checking, expect to save \$750,000 in 10 years

Sustainable City

Informed decisions, timely reporting on major construction



Transport for London – Traffic Directorate Data Service, UK



Transport for London

Service updates at 22:36

Now Later This weekend

Bakerloo	Good service
Central	Good service
Circle	Good service
District	Good service
DLR	Good service
H'smith & City	Good service
Jubilee	Good service
Metropolitan	Good service
Northern	Good service
Overground	Good service
Piccadilly	Good service
Victoria	Good service
Waterloo & City	Good service

► Buses ► Roads ► River

City Operation

Quickly responds to constantly
changing operational
environment

City Infrastructure

BI and Spatial Database real time
geographical monitoring/analysis

Business Productivity

External Data Service for public
and Service Providers

Sustainable City

100's of millions rows per day
from traffic lights, road works,
CCTV

Data feeds

Other feeds available now

- London Underground passenger counts data
- Live roadside message signs
- Barclays Cycle Hire docking stations
- Live traffic camera images
- Rolling Origin & Destination Surveys
- Predicted wait times at stations during the Games
- Games postcode data
- Journey planner API data
- Oyster card journey information

► [See our full list of feeds](#)

► [Get data feeds](#)

Sfpark - San Francisco, USA



Citizen Empowerment

Less traffic, fewer citations, guides drivers to parking lots and bus



City Operation

Business Intelligence demand driven pricing of parkingspaces

Business Productivity

3rd party service providers enhance real time parking data

City Infrastructure

Loading sensor data on parking availability, payments, bus arrivals

Sustainable City

Streets less congested, less violations less smog and safer

[View in iTunes](#)

Free

Category: [Navigation](#)

Updated: 30 December 2013

Version: 1.5

Size: 1.3 MB

Language: English

Developer: San Francisco

Municipal Transportation

Agency

© 2013 San Francisco

Municipal Transportation

Agency

Rated 4+

Compatibility: Requires iOS 7.0 or later. Compatible with iPhone, iPad, and iPod touch.

Customer Ratings

We have not received enough ratings to display an average for the current version of this application.

More iPhone Apps by SFMTA



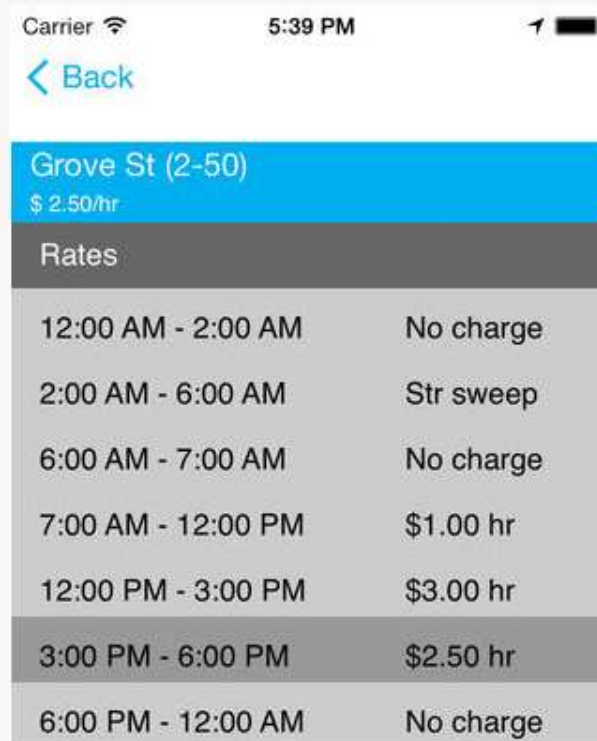
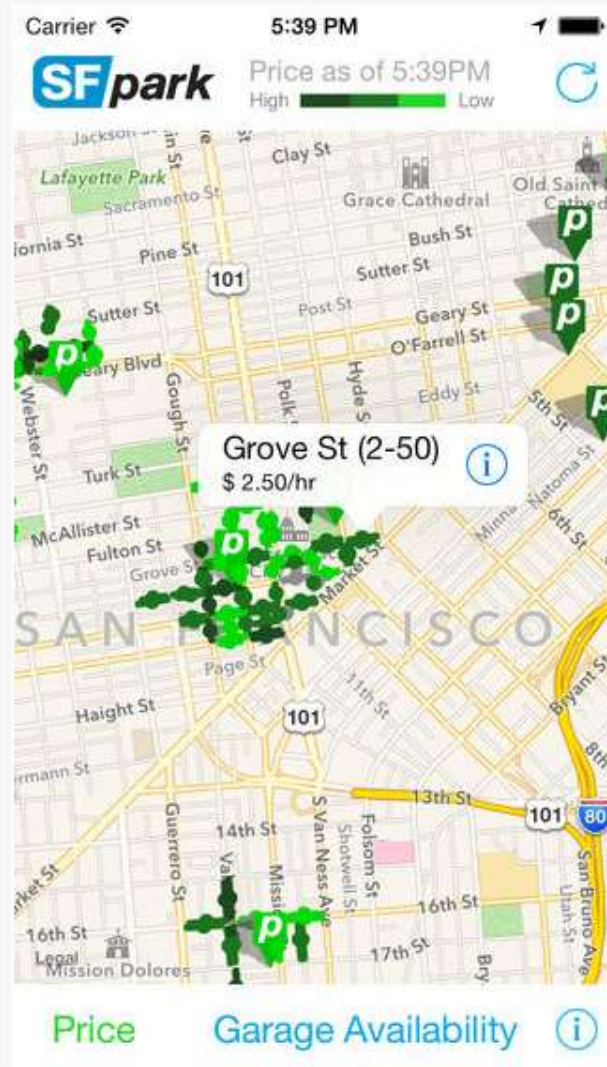
MuniMobile

[View In iTunes](#)

- On-street blockfaces are no longer displayed on the availability view.

[...More](#)

iPhone Screenshot



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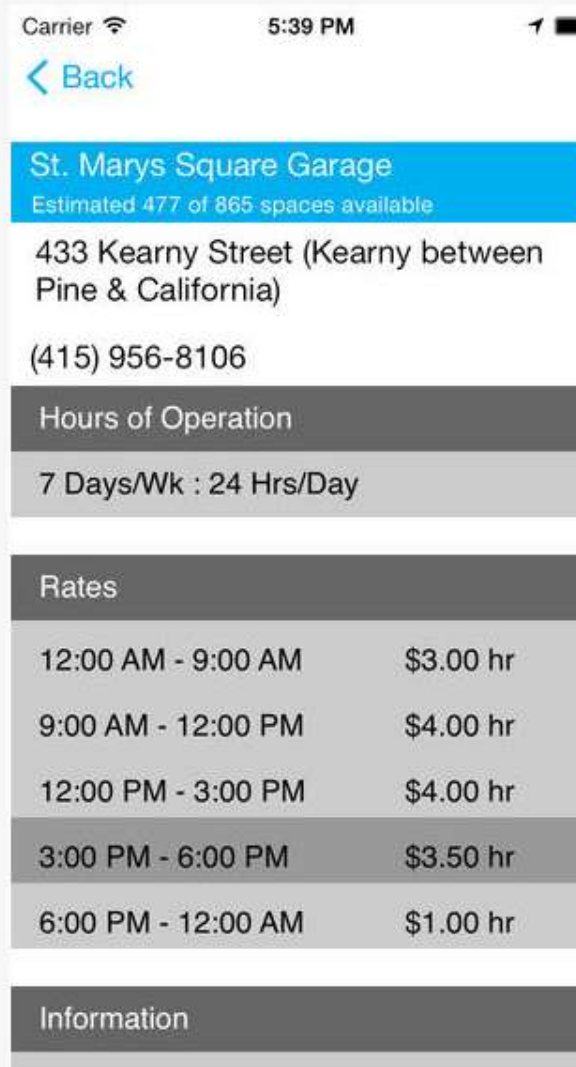
MuniMobile

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[...More](#)

iPhone Screenshot



MOBI.E, Electric Vehicle Charging, Portugal



Citizen Empowerment

Charging Station Location,
Availability and Reservation



ssio/Av^a da Liberdade
pagamento Normal - Dispo

Business Productivity

For all Equipment Manufacturers,
Utilities & Private Operators



Sustainable City

Smart Meter Grid supporting
Charging Stations



City Operation

Oracle Utilities Billing, Financial
Settlement, Outage Management

City Infrastructure

Integrating Meter & Charging
Data with operational
management

Police Department of Izmir City, Turkey



City Service

Handles emergency calls 30% faster where every second counts

City Operation

Real-time feedback from security staff to command and control



City Infrastructure

24/7 continuity for emergency services, clustered redundancy

Sustainable City

500 plate-recognition systems, 5 million GPS data transactions



South Yorkshire Police, UK



City Operation

Visibility and availability reporting
to improve officers' deployment

Business Productivity

Police Officer Deployment
analysis



City Infrastructure

Integrate analytical and spatial
data from handheld GPS radio



Beijing Traffic Police, China



City Operation

Operational Intelligence allows for adequate traffic management

City Infrastructure

High Available backbone for Computer Aided Dispatch



Sustainable City

Integrating multiple information sources from across the city

Singapore Land Authority



City Service

Citizens find bus routes, emergency services on maps

Citizen Empowerment

360+ crowd sourced layers of geospatial data for analysis



City Operation

Saves US\$11.5M application costs for 70 government agencies

Business Productivity

Easier to share geo data across multiple agencies



City Infrastructure

SOA based Geospatial Data Sharing reduces duplication



Bilbao Turismo, Spain



Citizen Empowerment

User-friendly, memorable
experience for visitors

Business Productivity

Created demand from outside
organizations

City Operation

Website designed by nontechnical
marketing staff

City Infrastructure

Powerful website integrating
11,000+ elements in 4 languages



