



What Smart Availability Looks Like

SMART PARKING SOLUTIONS

ALL TRAFFIC
SOLUTIONS



AllTrafficSolutions.com

Smart Parking Solutions

Integrated Parking solutions for:





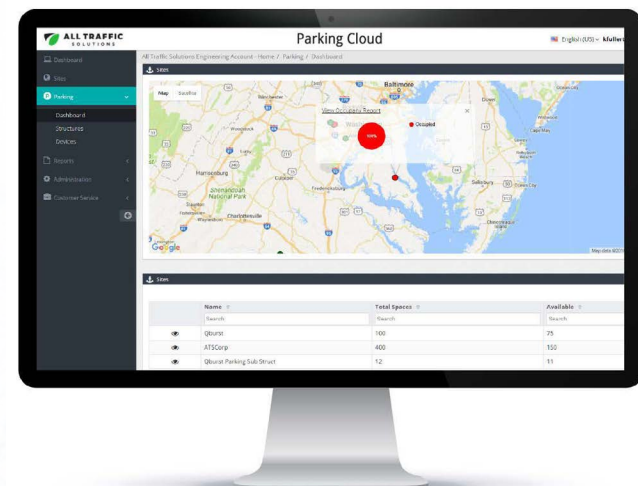
ParkingCloud: What smart availability looks like.

More parking demand, less parking space. With available space at a premium, parkers are dedicating more and more time searching for parking, waiting for entry, and idling in queues caused by vehicles trolling for spaces.

For each new parking challenge there is a solution, but without total system connectivity, it's impossible to solve complex parking management problems. What if you could take your stand-alone devices, signs, systems and platforms and connect them all in one integrated cloud-based platform that lets you access and monitor all your data and management functionality—from any Internet connection on one easy-to-use interface?

Enter ParkingCloud from All Traffic Solutions. ParkingCloud is the only cloud-based IoT platform purpose-built for the parking, transportation and traffic industries that integrates all your devices, data and output in one place.

With ParkingCloud, you can understand all your inventory and view availability in real time by leveraging cost-effective sensors, real-time data collection and customized vehicle counting systems. You can combine it with cutting edge parking guidance and access systems, reporting and analytics, and see the real-life impact of seamless end-to-end parking availability solutions—for your customers, employees, students and the community.



ParkingCloud: The only cloud-based IoT platform purpose-built for parking & transportation that integrates all your devices, data and output in one place

Device-Agnostic

Connect any device from any manufacturer

Connected

Integrated communications from device to system to output

Single Data Platform

Access data from any source in one system

Simplified

Everything on one platform, accessible on one dashboard

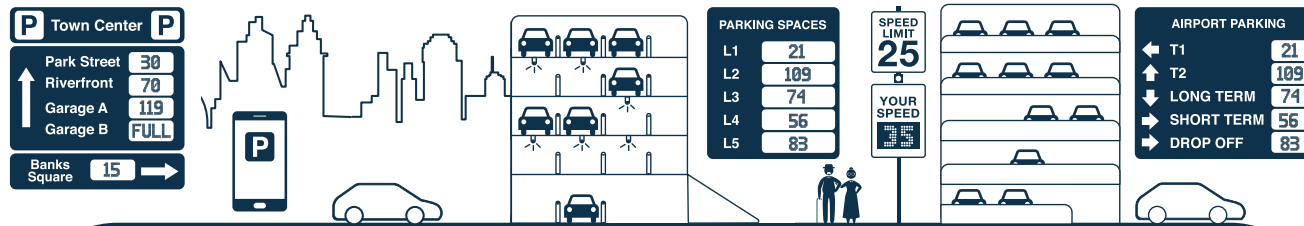
Citywide Parking Availability:

Heads-up parking guidance for drivers

Open architecture allows integration with legacy parking investment

Parking guidance by lot or garage, level or space, including premium spaces

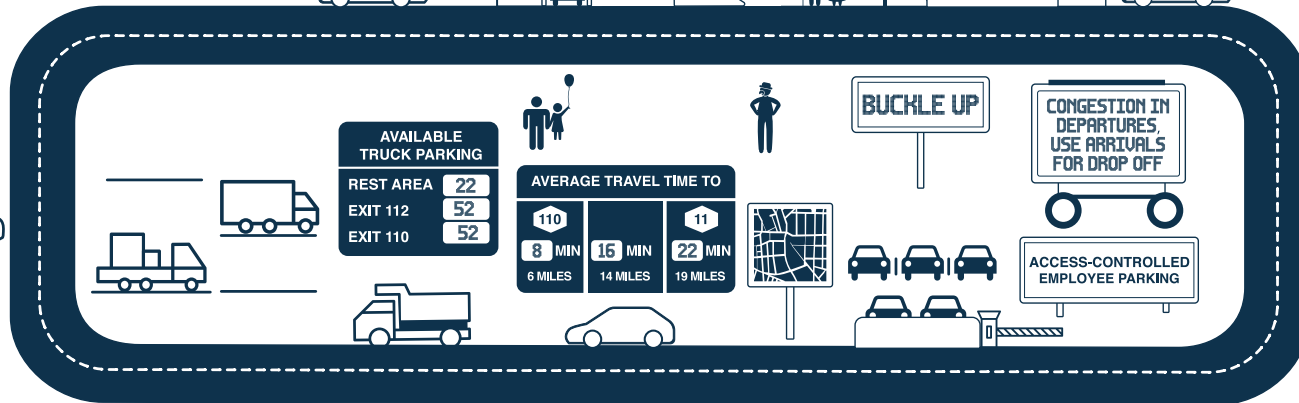
Safety and security measures in and around parking facilities protect drivers and pedestrians



Availability data for audit and loss control, trend analysis and parker classification



Conditional messaging directs inbound parkers to facilities with availability, exiting parkers to less congested routes on entry roads



Data and reports are available on demand to manage real-time routing and guidance, as well as influence long-term planning

Trucks are routed to available parking based on remaining drivetime hours via their logbook

Traffic is routed out of facilities on the fastest routes via heads-up roadside messages

Access control using license plate recognition, Bluetooth or RFID help maintain the flow of traffic in commercial and non-commercial facilities

Less circling traffic, happier customers, fewer greenhouse gas emissions, and a smoother parking experience

With ParkingCloud, your technology choices are limitless, independent of your current environment. Automatically count vehicles entering and exiting your lots, garages and parking spaces. Use zone or lot counts for guidance, planning or individual vehicle tracking. Leverage your existing technology while at the same time future-proofing your ability to seamlessly add new technologies as they are developed or as your requirements change, without being locked into one vendor's platform.

ParkingCloud™ enables you to:

Access vehicle counts anytime, anywhere in real time

Automatically count vehicles entering and exiting your lots, garages and parking spaces, providing zone or lot counts for guidance, planning or individual vehicle tracking. Leverage your existing technology, ours or any combination that meets your requirements—cost effectively and efficiently.

Because ParkingCloud is technology-agnostic, you have the widest selection of devices to choose from—including lasers, magnetometers (in-ground or surface mounted), ALPR, cameras or loops, or a combination of everything. ParkingCloud's open architecture allows our parking solutions experts to design a best-fit solution configured to your environment and requirements. Whether it's surface lots, garages, on-street parking or all three, ParkingCloud has your solution.

Guide drivers to available parking using real-time data via digital signage, apps or even your website

ParkingCloud is a smart, user-friendly, easy-to-deploy wayfinding platform that gives you the ability to communicate parking availability with drivers based on live data to achieve maximum optimization and control over your lots, garages and on-street parking.

You can push up-to-the-minute availability information to variable message signs, your parking app or your website to direct drivers to convenient parking faster and more efficiently.

Control access to restricted lots, zones or spaces

Whether you're working with permitted vehicles, security restricted zones or employee parking, ParkingCloud integrates with a variety of solutions from ALPR to Bluetooth to RFID, and puts them on one console and management platform. Automate your entrances and exits and improve accuracy, consistency and security without the added complexity of another system to monitor.

PRODUCTS



PARKTRAK



ALPR



SENSOR

Make your data work for you: All your parking data in one system, in real time

Protect your existing investment in parking technology. ParkingCloud's open, flexible design lets you integrate data from multiple sources into one system—in real time—leveraging all your data to drive more informed decision making, today and into the future.

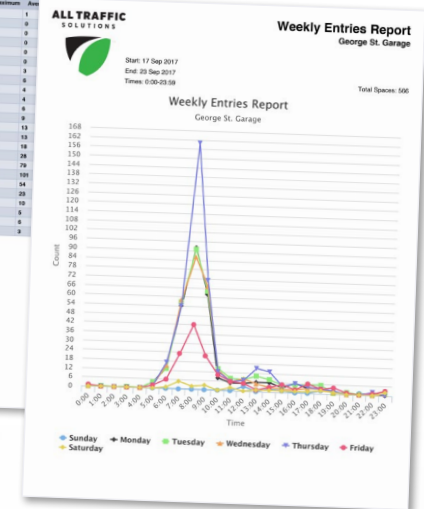
Aggregate all of your data from all your systems to create one intelligent dashboard that allows you to:

- **Automate manual tasks** such as vehicle counting and audits
- **Drive business intelligence** around occupancy, revenue, vehicle type, duration and rates—across one location or one thousand
- **Develop strategies** and make smarter decisions about inventory allocation, rates and mix
- **Plan for the future**, whether it's regarding pricing, facility optimization or new lot design

ALL TRAFFIC SOLUTIONS Weekly Exits Report George St. Garage

Start: 17 Sep 2017 End: 23 Sep 2017 Times: 0:00-23:59 Total Spaces: 566

| Time | Sunday | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday | Sunday | Maximum | Avg |
|-------|--------|--------|---------|-----------|----------|--------|----------|--------|---------|-----|
| 0:00 | 1 | 0 | 0 | 0 | 1 | 3 | 2 | 0 | 0 | 1 |
| 1:00 | 0 | 1 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 |
| 2:00 | 1 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 |
| 3:00 | 1 | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 0 |
| 4:00 | 0 | 2 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| 5:00 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6:00 | 1 | 0 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 0 |
| 7:00 | 1 | 0 | 7 | 13 | 5 | 4 | 3 | 1 | 13 | 3 |
| 8:00 | 1 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 7 | 0 |
| 9:00 | 1 | 13 | 5 | 0 | 0 | 0 | 0 | 0 | 10 | 4 |
| 10:00 | 0 | 4 | 0 | 0 | 7 | 13 | 4 | 0 | 13 | 4 |
| 11:00 | 2 | 10 | 11 | 0 | 14 | 9 | 0 | 0 | 18 | 6 |
| 12:00 | 4 | 27 | 10 | 15 | 20 | 10 | 0 | 0 | 27 | 13 |
| 13:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 15:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 16:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 17:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 21:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 23:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total | 161 | 291 | 137 | 15 | 20 | 10 | 0 | 0 | 161 | 57 |



Provide a safer, more secure parking environment

With more than **20% of pedestrian fatalities occurring in parking environments**, the safety and security of your parkers is more important than ever. All Traffic Solutions' industry-leading radar speed displays with conditional messaging are proven to reduce speed in any environment.

Combined with camera-based counting solutions, you can create a safer, more secure environment for parkers, employees and the community—helping you create a seamless, cost-effective risk management strategy.





Route customers efficiently to and from parking facilities

Directing parkers smoothly into your facilities and back out during peak congestion times increases parker satisfaction, reduces stress, decreases congestion and emissions, and creates a seamless parking experience.

With virtual drive times and heads-up conditional messaging systems, your parkers are routed to the closest available parking at your facility. On the way out, they're directed to the fastest route based on current traffic conditions.

With All Traffic Solutions TrafficCloud DriveTimes, you can create a more seamless parking experience and reduce the impact of special events on both your facility and the community.

Connect to other systems

The ParkingCloud API allows you to seamlessly connect in real time to a wide variety of external data sources, including navigation systems, traffic management systems, parking availability apps and PARCS systems—uni-directionally or bidirectionally.

The ParkingCloud Advantage

- ✓ One integrated system for all your parking devices and data
- ✓ Real-time, on-demand data to drive parking efficiency
- ✓ Open, flexible, extensible, cost effective
- ✓ Reduce congestion and emissions
- ✓ Decrease time to find parking
- ✓ Improve parker satisfaction
- ✓ Optimize revenue and profitability
- ✓ Increase safety and security
- ✓ Make better, data-driven decisions

Why ParkingCloud?

Parkers

Save time, energy and effort by finding, reserving, paying for and accessing the spot you need, when you need it.

Companies & Facilities

Get your employees to their workspaces quickly, easily and without stress, regardless of your parking environment.

IT

Leverage any device or data set with ParkingCloud's open standards services platform, ensuring that you future proof yourself for the next technology decision.

Commercial Operators

Take control over your parking operation again and maximize your revenue and profits while reducing your costs and expanding your revenue sources.

Cities

Reduce congestion, emissions, and unhappy motorists with ParkingCloud's enhanced user experience.

Decision Makers & Planners

Leverage data and analytics to drive proactive decision making, including pricing, space planning, yield management and inventory allocation decisions.



Get in touch!

Call 866.366.6602 or email sales@alltrafficsolutions.com

AllTrafficSolutions.com

**All Traffic Solutions 12950 Worldgate Drive,
Suite 310, Herndon, VA 20170
©All Traffic Solutions**