ALL TRAFFIC SOLUTIONS

Connected, Open-technology Parking Solutions

PARKINGCLOUD SOLUTIONS

AllTrafficSolutions.com

ParkingCloud Solutions

ParkingCloud™ is the first and only cloud-based IoT platform purpose-built for the parking, traffic and transportation industries.

ParkingCloud connects you with these flexible parking solutions:

ParkingCloud™ Count

Access the most accurate real-time vehicle counts and availability anytime, anywhere. With ParkingCloud Count, you can:

- Count vehicles entering and exiting your lots, garages and parking spaces
- Provide zone or lot counts for guidance, planning or individual vehicle tracking
- Leverage your existing technology, our technology or any combination that meets your requirements—cost effectively and efficiently

Technology-agnostic so 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.

Ideal for any environment, whether it's surface lots, garages, multiple zones, or all three.

COUNTING TECHNOLOGIES INCLUDE:

MAGNETOMETER　　　**LASER**　　　**CAMERA**　　　**INDUCTIVE LOOPS**

ULTRASOUND　　　**AUTOMATED LICENSE PLATE READERS (ALPR)**

ParkingCloud™ Find

Guidance solution that directs parkers to spaces faster and more efficiently

ParkingCloud Find is a smart, user-friendly, easy-to-deploy wayfinding platform that gives you the ability to communicate parking availability to drivers based on live data for maximum optimization and control over your lots, garages and on-street parking.
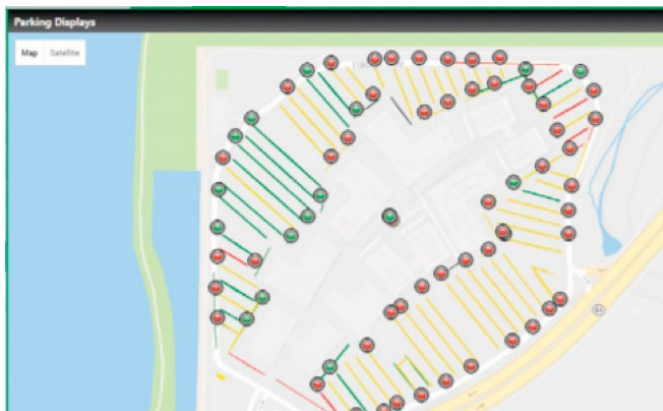
1. **Push up-to-the-minute availability information** to variable message signs, your parking app or your website to direct drivers to convenient parking faster and more efficiently.

2. **Open platform** so you have near-limitless ability to integrate any kind of messaging platform with any type of device, removing the significant hurdle you may have with other solutions.

3. **Scalable, flexible**—an ideal fit for existing facilities or new builds.

HEADS-UP VARIABLE MESSAGE SIGNS

Improve customer satisfaction and mitigate risk by providing parkers with a heads-up driving experience. Flexible to adapt to any garage or lot configuration, our open platform can integrate with the widest variety of sign options. Because you manage your messages and your signs in the Cloud, you can broadcast availability at the space, level or zone—or across town, campus or facility.

Respond to events or other high congestion circumstances with message signs you can access and program from anywhere, providing guidance to drivers where they need it, when they need it.

- Full Matrix Color Signs
- Outdoor Monitors
- Zone and Multi-level Availability Signage
- Portable Signage
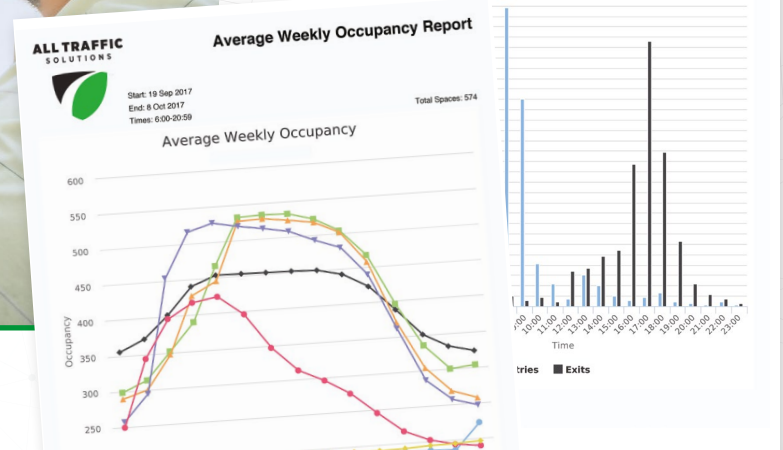- Space and Aisle Availability Indicators

IN–APP AND WEBSITE AVAILABILITY

For additional convenience to parkers, push real-time availability data to your facility or campus application or even your website. Let parkers determine the easiest parking space before they begin their journey, alleviating congestion along their route and increasing their satisfaction.

Map viewed in ParkingCloud displays parking availability

ParkingCloud™ Know

Real-time availability data at your fingertips:

ParkingCloud Know delivers real-time availability data and analytics that inform your parking guidance system and more. Leverage real-time and historic availability data for your entire parking inventory or just for one zone or lot. Manage it all from one central cloud-based location with a single easy-to-use interface, available from any connected device.

With anytime, anywhere access to comprehensive parking data you can:

- Understand what your inventory looks like at any specific moment—every component, every location, every premium space

- Have a clear picture of historic availability and usage, with clear visibility into how your parking organization is functioning, changing and adapting as well as what the latest trends look like

- Respond immediately to spikes in parking demand, such as by implementing dynamic pricing or redirecting traffic to other locations

- Make more informed decisions and plan for the future

- Improve the customer experience

Daily Entries/Exits Report

ALL TRAFFIC SOLUTIONS

Start: 4 Dec 2017
End: 4 Dec 2017
Times: 0:00-23:59

Total Spaces: 553

Daily Entries/Exits Report

Average Weekly Occupancy Report

ALL TRAFFIC SOLUTIONS

Start: 19 Sep 2017
End: 8 Oct 2017
Times: 6:00-20:59

Total Spaces: 574

Average Weekly Occupancy

Legend: Sunday, Monday, Tuesday, Friday, Saturday

Weekly Exits Report
George St. Garage

ALL TRAFFIC SOLUTIONS

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

Total Spaces: 566

Time	Sunday	Monday	Tuesday	Wednesda	Thursday	Friday	Saturday	Minimum	Maximum	Average
0:00	1	0	3	3	1	3	2	0	3	1
1:00	1	0	0	0	0	0	2	0	2	0
2:00	1	0	0	0	0	1	1	0	1	0
3:00	1	0	1	1	1	1	1	0	1	0
4:00	0	2	0	1	1	0	0	0	2	0
5:00	1	0	1	0	0	1	1	0	0	0
6:00	1	5	4	4	7	1	2	0	7	3
7:00	1	10	7	13	5	4	3	1	13	6
8:00	1	6	6	4	5	10	0	0	10	4
9:00	1	13	5	8	2	3	2	1	13	4
10:00	2	6	11	5	7	13	4	0	13	6
11:00	2	18	9	13	14	9	0	0	18	9
12:00	4	27	18	15	22	10	0	0	27	13
13:00	1	11	20	18	26	14	6	2	26	13
14:00	1	22	26	26	33	20	2	1	33	18
15:00	5	36	46	40	35	27	9	5	46	28
16:00	1	116	109	148	128	46	6	0	148	79
17:00	3	149	189	190	132	45	0	0	190	101
18:00	1	75	119	76	85	23	2	1	119	54
19:00	1	35	23	35	37	35	1	0	37	23
20:00	6	7	14	15	18	11	0	0	18	10
21:00	5	5	3	12	8	6	2	2	12	5
22:00	4	7	9	6	10	3	6	3	10	6
23:00	4	1	2	1	4	5	5	0	0	3
Total	46	552	625	634	581	291	57			

ParkingCloud Reports:
Daily Entries/Exits Report
Average Weekly Occupancy Report
Weekly Exit Report

ParkingCloud™ Safety

Keep parkers, pedestrians and vehicles safe

The National Safety Council reports that **one in five accidents happen in parking lots and garages.**

On average, **60,000 people are injured and 500 or more die in the 50,000+ crashes** that occur in parking areas every year.

Maximize safety and security levels with ParkingCloud Safety.

With ParkingCloud Safety, you can:

- Calm traffic in and around parking areas
- Alert parkers to slow down in heavy pedestrian areas
- Increase security levels with camera-based counting systems that view and record what goes on in the parking perimeter

- Enhance parker satisfaction by providing greater safety and security
- Leverage data and analytics to make informed traffic safety decisions
- Report on the impact of your traffic safety program

TRAFFIC CALMING

Calm traffic utilizing conditional-message radar speed displays in and around parking areas

- Alert parkers to slow down in heavy pedestrian areas
- Enhance parker satisfaction by providing a safer parking experience
- Leverage data and analytics to make informed traffic safety decisions
- Report on the impact of your risk mitigation and traffic safety program

ParkingCloud™ Safety

MESSAGING

Automatically alert parkers and pedestrians with conditional message signs that display warning messages based on the conditions sensed by devices throughout your facilities:

- Automatically warn drivers of pedestrians in the vicinity before they reach them by integrating thermal sensing with conditional message signs
- Warn pedestrians of approaching and speeding drivers with audible alerts
- Maintain a true heads-up driving experience with space
- Report on the impact of your risk mitigation and traffic safety program indicators and message signs throughout your facility

VIDEO SECURITY

Multi-purpose your video counting solutions and provide a cost-effective solution to increase safety for parkers and provide proactive information in response to incidents.

- Maintain control of your permitted areas using thermal sensing technology, ALPR or video analytics
- Leverage ParkingCloud alerts to preemptively and promptly respond to potentially dangerous situations

ALPR VEHICLE IDENTIFICATION AND NOTIFICATION

Automated license plate recognition (ALPR) is a versatile solution that:

- Combines vehicle counting with automated access control, GPS monitoring and loss prevention
- Can be integrated with notification systems for incident detection, permitting or payment solutions
- Are ideally suited for commercial parking operations, retail environments, municipalities, colleges and universities, airports and other facilities of all sizes
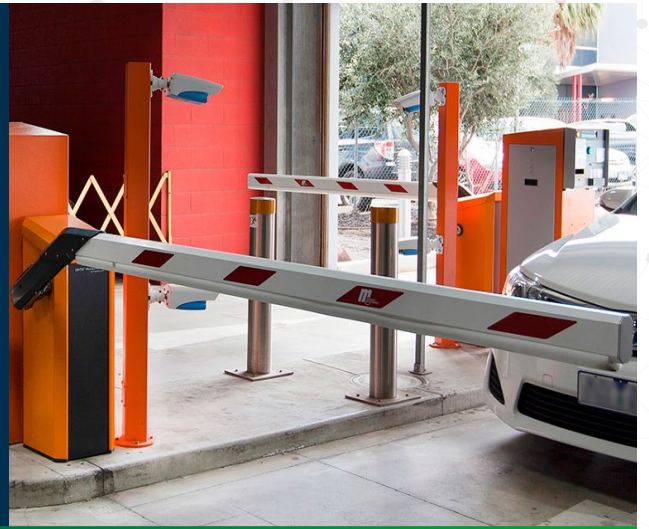

ALPR

ParkingCloud™ Access

CONTROL WHO ENTERS AND EXITS YOUR FACILITY

Secure your perimeters and streamline your parking access with automatic entry systems that utilize your ALPR, RFID or Bluetooth counting technology. Give your parkers the ultimate experience with automatic entry and exit based on their vehicle identification, their phone or RFID. Especially useful for truck parking and access, permitted lots and employee parking.

ParkingCloud™ Routing

Help exiting parkers find the fastest route to their destination

Give parkers exiting your facility the information they need to start their journey via the fastest route. Leverage real-time information to provide the most seamless experience possible with adaptive vehicle routing solutions.

VIRTUAL DRIVETIMES

High-visibility message board notifications let parkers choose the best route as they leave your facility. Ideal for airports, events, corporate environments and more.

- Colorful interactive displays map and update each route as traffic conditions change
- Preset up to six different routes that update as traffic conditions change
- Makes it easy and stress-free to plan the trip home

TIME TO DESTINATION

Message signs direct parkers to the best route as they exit, clearing your facility more quickly after events or during peak times, while providing them with a seamless experience.

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

With ParkingCloud, your technology choices are limitless, independent of your current environment —as complex or as simple as you need them to be. Leverage your existing technology and, at the same time, seamlessly future-proof your ability to add new technologies as they are developed or as your requirements change—without being locked into one vendor's platform.

DEVICE-AGNOSTIC

Connect any device from any manufacturer

CONNECTED

Integrated devices, data, reporting and instructions from any location, anytime

SINGLE DATA PLATFORM

Access data from any source in one system

SIMPLIFIED

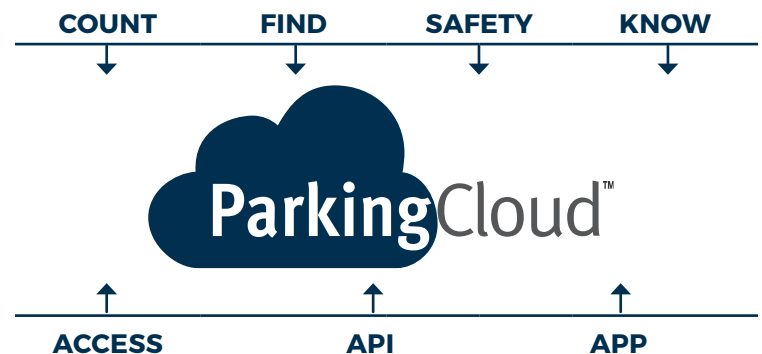Everything in one location, accessible from one dashboard

ParkingCloud API

The ParkingCloud API helps you connect your parking data to other systems in real time.

Create the parking availability ecosystem that meets your requirements so you can:

☑ Integrate with other availability systems and devices

☑ Output your availability data to any other system or device

☑ Integrate with notification or reservation systems

☑ Tie parking data in with your permitting solution

ParkingCloud's open API gives you the flexibility to build the customized parking system you need, fueled by real-time information and data.

COUNT   FIND   SAFETY   KNOW

ParkingCloud™

ACCESS   API   APP

Talk to a parking solutions expert.

Call **866.366.6602** or email **sales@alltrafficsolutions.com**

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