



CivicSmart

Automated Parking

*Every City Can Be a
Smart City.*

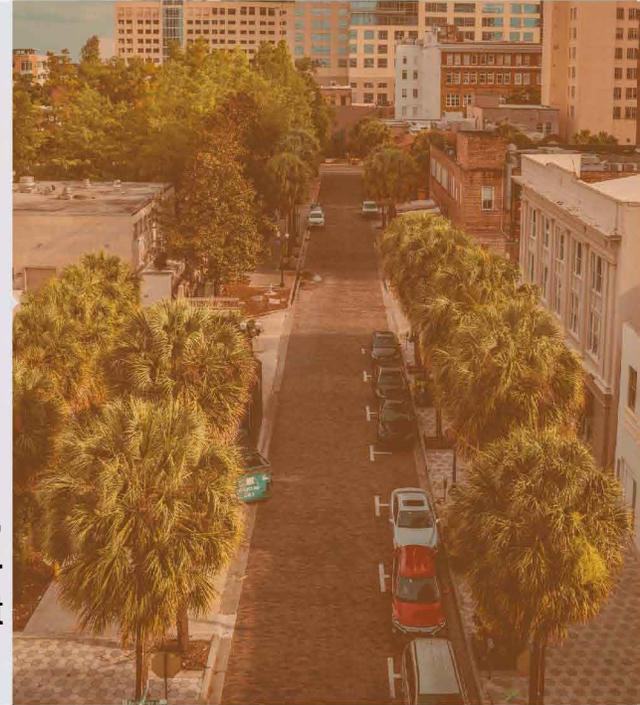
*Introducing the most important innovation in curb management
since the invention of the parking meter.*

About Us

CivicSmart is the leading global smart parking innovator.

CivicSmart is the parent company of Duncan Parking Technologies, founded in 1936, and one of the oldest and largest providers of parking meter technology in the world. CivicSmart is also a leading provider of a wide range of smart on-street parking solutions including automated parking, vehicle detections sensors, meters, reservations, enforcement technologies, and more.

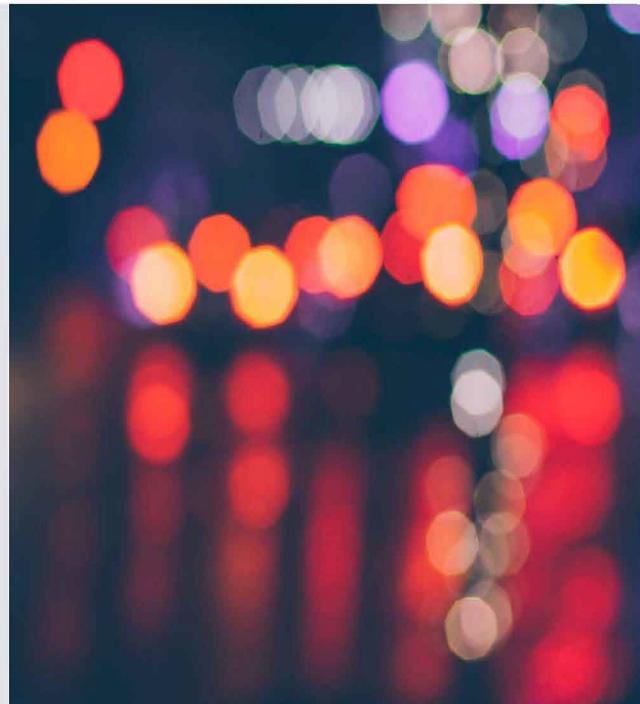
Our understanding of on-street parking policy and operations, combined with our extensive experience and industry partnerships, allows us to help cities develop parking programs that align new technologies with best practices.



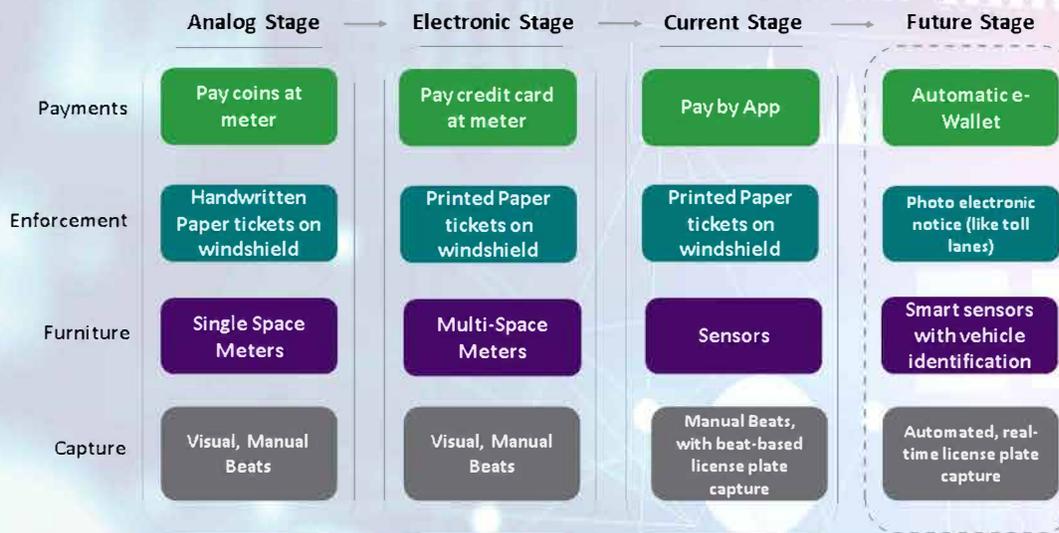
Overview

CivicSmart created an automated parking system that is transforming curb management. Using our vehicle identification sensors, our automated parking solution provides motorists a convenient, simplified experience similar to driving through an electronic toll lane!

Customer demands are changing, and the curb is becoming ever more complex. Real-time knowledge of curb usage is key to solving this. CivicSmart's revolutionary technology is based on a simple, but powerful idea: timely occupancy information and license plate identification in every space. This offers unparalleled convenience and simplicity to both motorists and parking managers. A greener, simpler, powerful, fairer, revenue-enhancing way of the future!



Evolution of on-street parking



CivicSmart's future stage technology has arrived! Full automation for City and consumer-oriented, friction-less experience for motorists, like electronic toll lanes

Unparalleled Convenience for Motorists

The CivicSmart Automated Parking solution provides a simple and more convenient experience to motorists, similar to using an electronic toll lane. No more hassle of searching for a meter and walking up the block or negotiating meter controls and it is easier than using an app.

Motorist can simply park at a space and pay with their preferred method - this can be automatic payments with an existing account, an app, or even at a meter.

If they do not have a readily available payment method, they can pay online within a few days and if they forget to pay, can be sent a courtesy notice for payment. They can be charged only for actual time parked.

Motorists love the convenience and that the system is not punitive. A parking transaction becomes a simple purchase transaction, not a game of chance.

In addition, the system supports parking session notifications by text or e-mail, wayfinding, on-street self valet reservations, "Find My Car", receipts, and virtual permits.

Cities and Operators: Maximize Value of Your Parking Assets

Comprehensive, real-time knowledge provides enormous cost savings and efficiencies over traditional parking management methods, and data analytics to provide deep insight into your parking assets.

It provides a customer service approach to parking that is friendly, and at the same time increases violation capture rates.

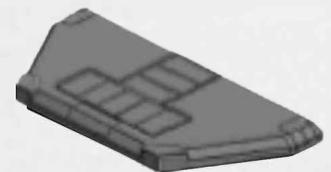
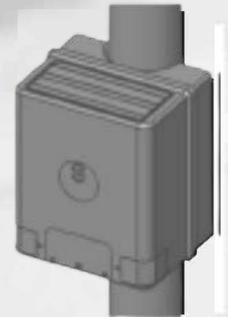
The CivicSmart Automated Parking solution is simple and easy to install. Each sensor is designed to monitor two parking spaces day and night, 24x7x365.

The solution is totally wireless, and requires no infrastructure support. Each unit is comprised of dual radar sensors, edge AI, twin hi-def micro-AI-LPR lenses, on-board SIM and LoRa to back-haul communications. Multiple form factors to aesthetically fit in your streetscape and minimizes overall asset footprint.

Benefits include:

- Completely autonomous
- Touchless payment and ticketing
- In-space vehicle identification
- Real-time occupancy information
- Full payment integration (license plate, meter, app, etc.)
- Automated enforcement
- Find available parking
- On-street reservation options
- Deep data analytics

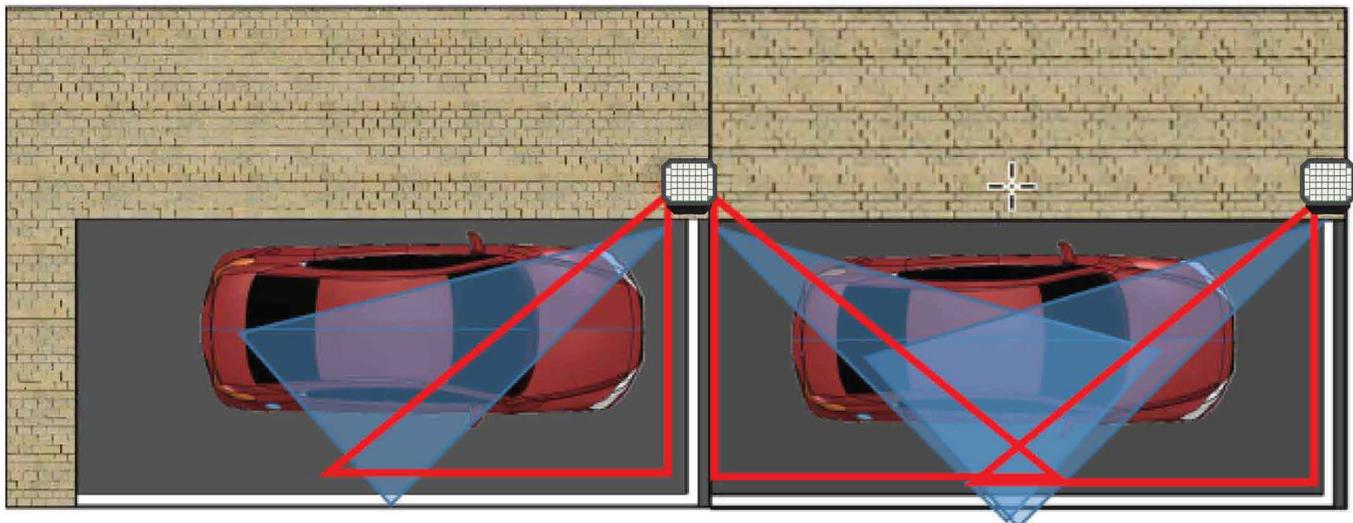
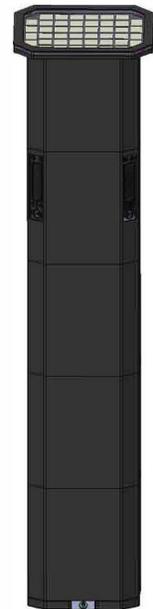
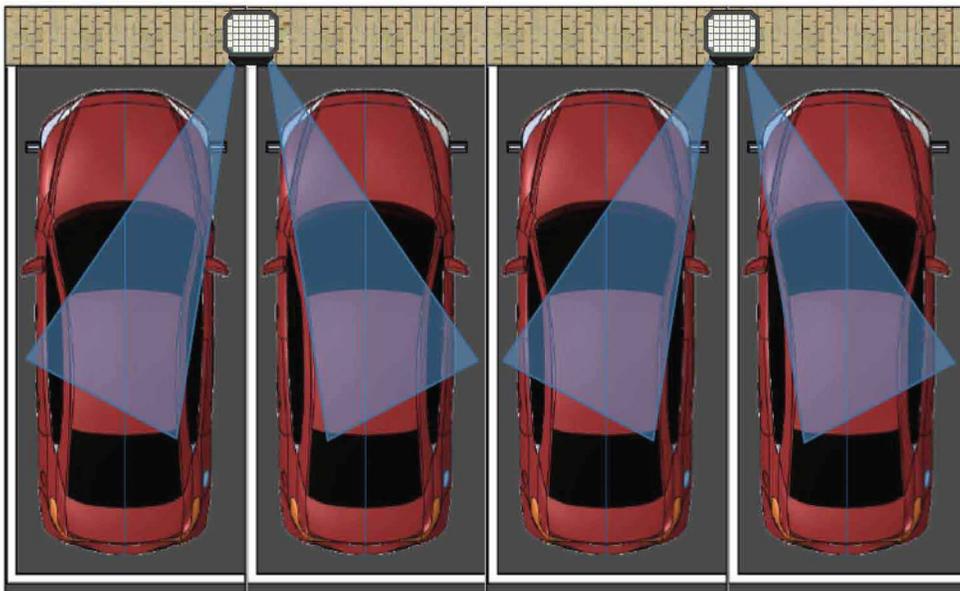
The solution enhances driver and CBD merchant experience, allowing drivers to locate, reserve, and pre-pay parking through their mobile apps or other per-mitting systems (similar to a tolling system) and provides merchants the ability to comp, reserve or discount parking spaces near their businesses.



How it Works

CivicSmart's parking sensors have a minimal footprint, blend into existing street furniture, and have minor aesthetic impact to the surrounding streetscape when implemented. The system also enables the operator to reduce or even eliminate LPR vehicles, PEOs, parking meters, space number signs, and parking poles resulting in an overall lower asset footprint on the streets.

This solution transforms parking management from the enforcement-based model to an automated consumer and merchant driven model.



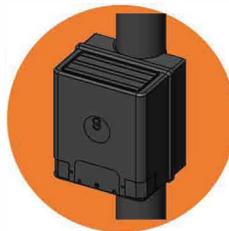
Sensor Options

CivicSmart's parking sensors are available in three options and can be customized to meet the specific needs and landscape of the curb environment. The three sensors include:



Stand-alone Bollard

Bollards have a footprint of 5x5 inches and about 3' tall (no trip hazard).



Pole Mount

Sensors are designed to be attached to existing fixtures such as planters, space number signs, poles, bike racks, etc.



Curb Top

Sensors are one half inch in height with a pillowed edge. They are redesigned to be fixed to the curb and pose no trip hazard to pedestrians.

The information and efficiencies obtained through the installation of CivicSmart's parking solutions allow our clients to increase revenues, and reduce or eliminate the overhead and costs associated with parking enforcement, vehicles, equipment, maintenance, and more. Finally, it helps to create a more seamless and pleasant experience for users, reducing the stress associated with searching for parking and encouraging greater compliance.

Reimagining the Curb



Automated Parking Opportunities

CivicSmart Automated Parking is helping municipalities worldwide transform their parking, transportation, and mobility operations and create new and innovative solutions for their curb space. There are numerous benefits and opportunities available to enhance operations, improve patron satisfaction, and increase revenues including:

- Virtual permit validation
- Scofflaw identification
- Parking reservations
- Real-time occupancy
- Accessible parking convenience
- Vehicle turnover data
- Virtual "meter bagging"
- GIS mapping
- Loading zone management
- TNC (Uber, Lyft, etc.) management



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