



FULLY INTEGRATED SMART PARKING SOLUTION

OCTOBER 26, 2023

PREPARED BY: RUSSELL ROBINSON, BUSINESS DEVELOPMENT DIRECTOR - WEST | IPS GROUP, INC. 7737 KENAMAR COURT, SAN DIEGO, CA 92121 U.S.A.

PREPARED FOR: GEORGE SCHAAF | (907) 586-5226 | GEORGE.SCHAAF@JUNEAU.GOV

DEAR GEORGE,

IPS Group, Inc. (“IPS”) is pleased to provide a proposal for a fully integrated Smart Parking Solution. IPS provides the most future-proof, scalable systems on the market, all seamlessly connected as part of the IPS Smart Parking Ecosystem. IPS provides highly flexible, powerful features to meet all your needs today, and scale to evolve with your program over time.

As a proven US service provider headquartered in San Diego, we are in an optimal position to provide the fastest, most attentive service to address your needs.

It is no mystery that cities are still adjusting to “the new normal.” We understand that as times continue to change that there are two ways that define whether you are working with just another vendor, or a partner — proactive service, and adaptability to serve the ever-changing needs of parking operations. We at IPS are committed to closely monitoring every development to continue to provide exceptional service. *Now more than ever, you need a partner you can trust.*

In brief, our products can let you better serve the community with a solution that is easy to operate and maintain, with timely and seamless implementation. We believe that based on our experience and expertise that you will agree that IPS is exceptionally positioned to provide the best value, support, and partnership long term.

Respectfully,

Russell Robinson Business Development Director -
 West, IPS Group, Inc.
 949-327-7391 | Russell.Robinson@ipsgroup.com





For over two decades, IPS has been committed to the design, engineering, and manufacturing of intelligent parking technologies that shape the industry such as payment processing systems, SaaS management solutions, and low-power wireless telecommunications. Based in San Diego, CA, IPS is the proud inventor of the credit card enabled single-space parking meter and has more wireless parking devices deployed across the US than our competitors combined.

To date, IPS has sold more than 300,000 wireless devices in over 300 Cities and Higher Education Institutions worldwide. IPS drives the Smart Communities evolution as an innovator and trusted provider of Smart Parking technology.

IPS offers the industry's only Fully Integrated Smart Parking Ecosystem. Several IPS customers have already subscribed to the complete product suite for the ease of Agency-wide parking data integration and access to all parking applications via one cloud-based platform. The Ecosystem of Smart Parking products includes single- and multi-space meters, sensors, enforcement and permitting solutions, and mobile payments that connect to one, powerful integrated Data Management System (DMS). The secure, cloud-based DMS aggregates the data from all integrated devices into meaningful analytics and reports.

A truly integrated solution allows Municipalities of any size to manage their entire parking network from anywhere, anytime, with single sign-on (SSO) access to all applications and consolidated parking data in one place. While the IPS Parking Management Suite offers all the interrelated parking applications a City may need, it can also seamlessly integrate with any third-party service via API.

**OUR MISSION IS TO
TRANSFORM
COMMUNITIES BY
SUPPLYING THE MOST
TECHNOLOGICALLY
ADVANCED, VALUABLE,
AND USER-FRIENDLY
SMART PARKING
SOLUTIONS IN THE
WORLD.**



We strongly believe IPS Group is a true leader in parking technology and data management systems, and we have been very pleased with the products and services they provide. Throughout this project, IPS Group demonstrated tremendous flexibility and support in helping us get to a successful implementation. Together, we have built a parking system that is ready for the future, and a strong, durable partnership. We are very happy to be working with IPS Group.

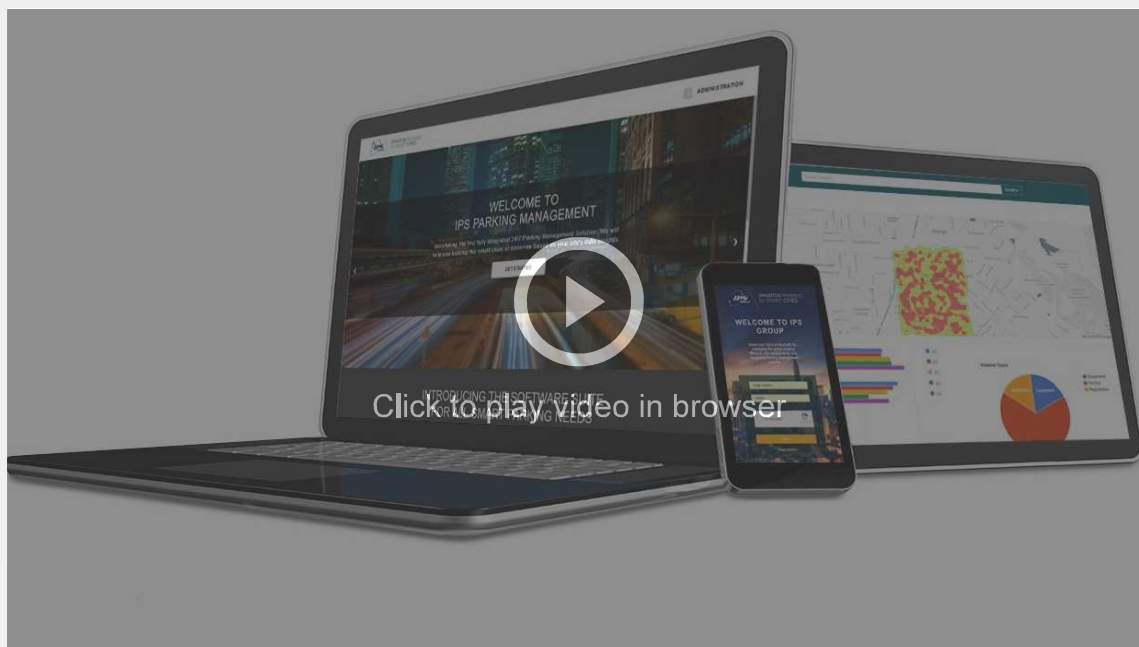
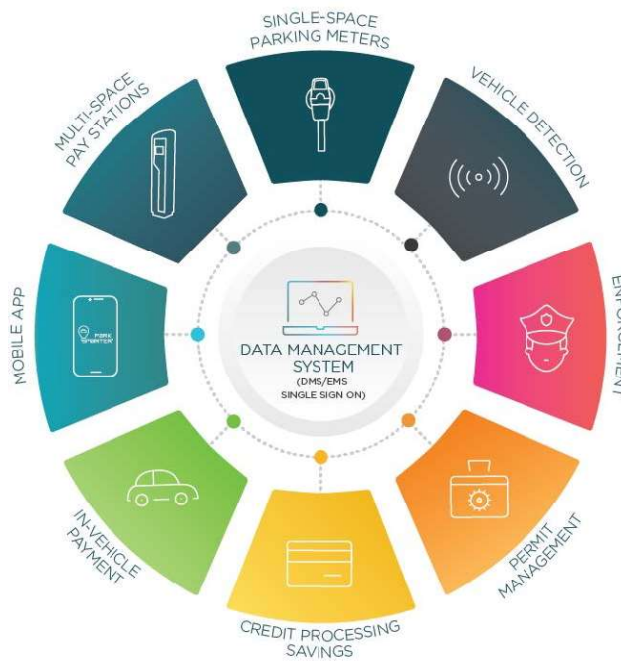
MIKE ESTEY
MANAGER OF CURBSIDE MANAGEMENT
SEATTLE, WA

Fully Integrated Smart Parking Solution

IPS FULLY INTEGRATED SMART PARKING ECOSYSTEM

IPS Group recognizes that Cities can face many challenges resulting from gaps and inefficiencies in their paid parking program. Partnering with a trusted supplier like IPS can help the City meet and exceed its goals for optimized parking operations.

IPS is the only supplier to provide a best-in-class product ecosystem, fully connected and powered by one back-end software platform that intelligently manages your entire parking operation. The system is built from the ground up with complete system-wide control at your fingertips. Unlike some solutions that promote surface level integrated solutions with basic data sharing, IPS offers a deeply connected system of future-proof technology that harmoniously complements each other as part of a truly comprehensive Smart Parking solution.





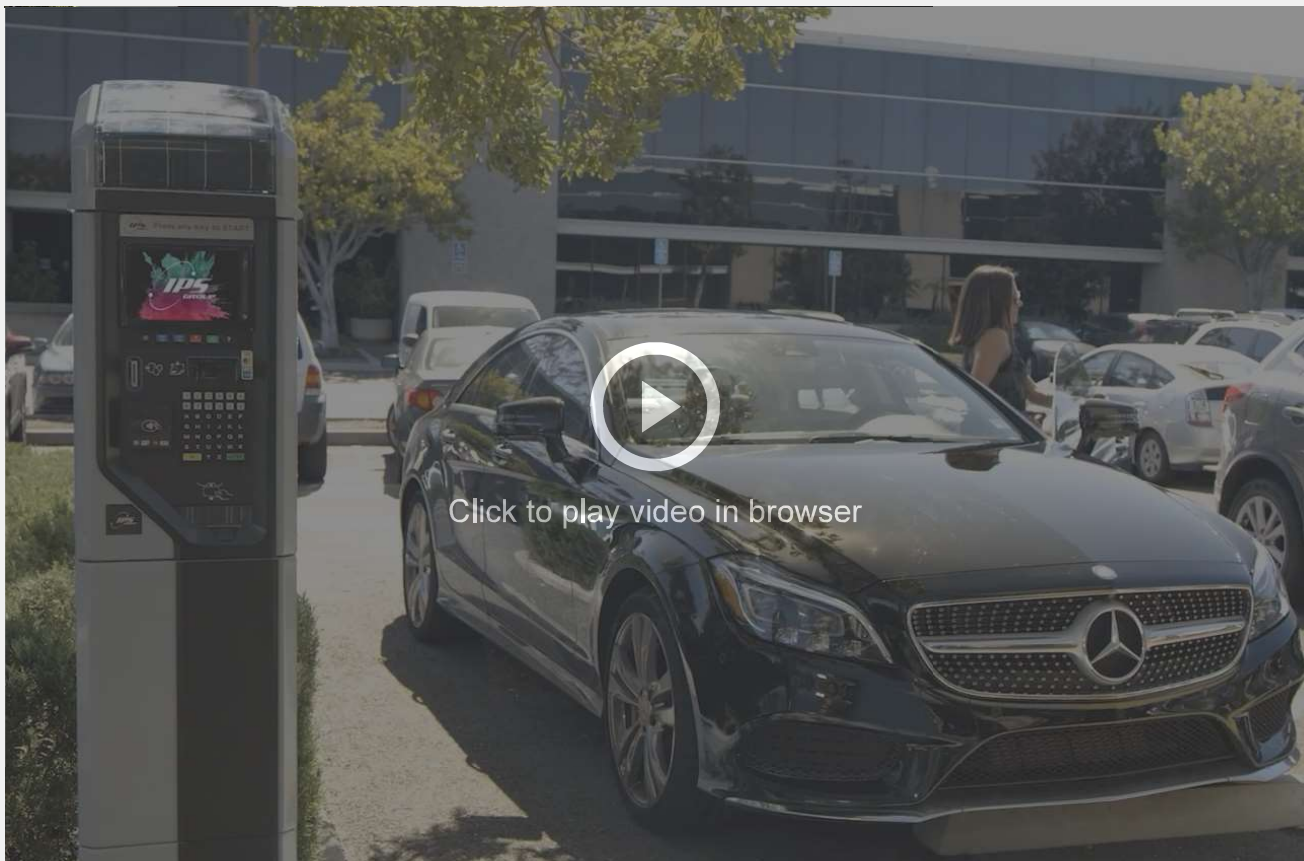
Multi-Space Pay Station

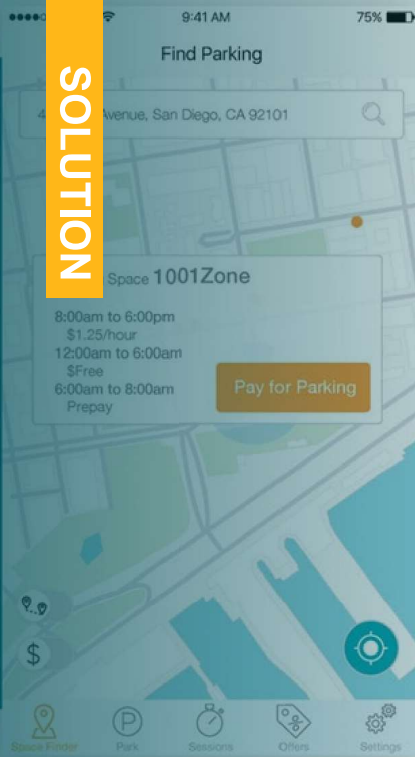
THE LATEST GENERATION OF PAY STATIONS FROM IPS FEATURE A FULL COLOR DISPLAY, MULTI-LANGUAGE SUPPORT, OPTIONAL TOUCHSCREEN AND OTHER CUSTOMER-FOCUSED FEATURES.



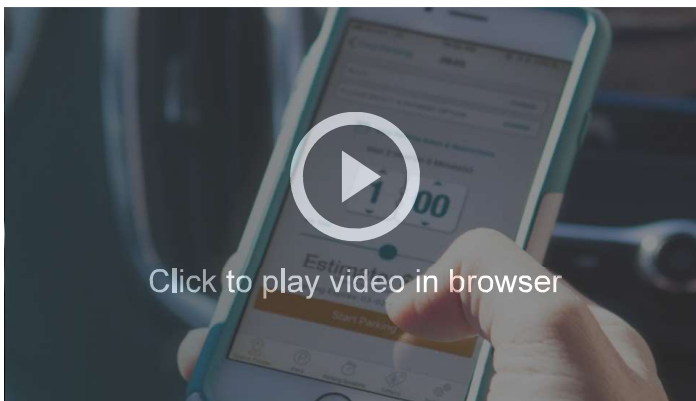
FEATURES AT A GLANCE

- Pay-by-space, pay-and-display and pay-by-plate models; modular parts enable easy change to mode as needed
- Stainless-steel cabinet with weather and graffiti-resistant powder coating for max longevity
- 7-inch active matrix, high-resolution color LCD display and optional touchscreen for intuitive user experience; PARK SMARTER™ and My Parking Receipt™ digital receipts and license plate auto-population
- Separate maintenance cabinet and collection vault; cash box housed in vault with six-point and high-security lock system
- Powered by environmentally friendly solar panel and rechargeable combination battery system
- Blue LED lighting above the display enhances visibility; optional rear LEDs for visual enforcement (pay-by-space)
- 4G wireless communications to DMS; no additional communications hardware or software required
- Modular design built for technicians with easy plug-and-play maintenance
- Open interface for third-party application integration such as enforcement, permitting, LPR, mobile payment and more
- Features contactless payment
- Convenient coupon program enables businesses to offer parking discount and validation codes to their patrons





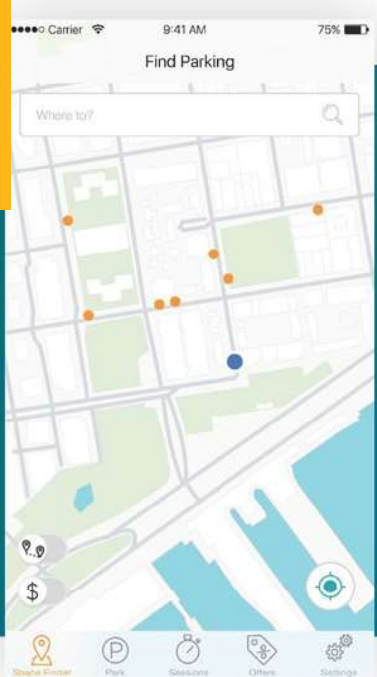
PARK SMARTER™ is a mobile app that elevates Smart Parking to the next level. Provide your customers with greater flexibility and convenience in an optimized mobile parking experience. The Bluetooth-enabled app is part of the IPS Fully Integrated Smart Parking Ecosystem and is available to IPS meter customers at no additional cost. Parking policies, rate structures, live alerts, reporting, data analytics, and app management are available through the IPS Data Management System (DMS), fully connected and perfectly aligned with your full Smart Parking operation.



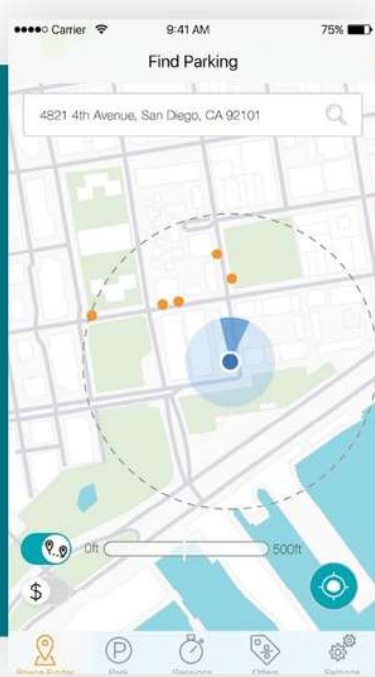
FEATURES AT A GLANCE

- Supports credit / debit card payments from Visa®, MasterCard®, American Express®, Discover®, Apple Pay® and Google Pay™; MasterPass® and Visa Click to Pay®
- Simple account setup and intuitive parking payment on iOS and Android; supports Facebook authentication / single sign-on
- Real-time notifications alert users in advance of parking expiration with option to pay to extend (if allowed by parking policy)
- Real-time parking finder displays open parking
- Optimized with BLE connectivity to put time directly on the meter*
- Transaction history, digital receipts, notification settings and preference management
- Fully integrated with IPS Merchant Validation service to enable merchant discount codes, special offers and validations

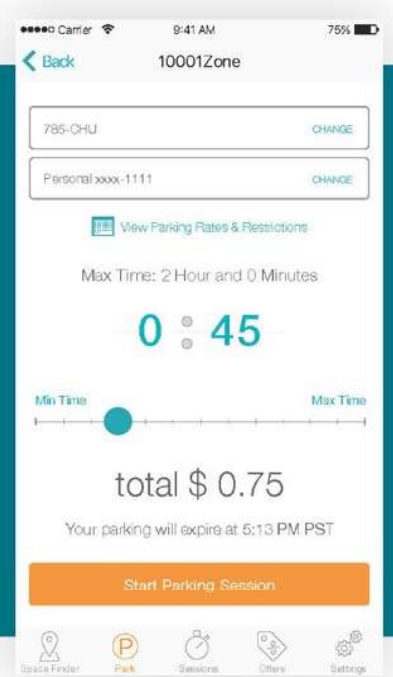
*Requires BLE upgrade



01 **PARKING FINDER** SCANS AND IDENTIFIES NEARBY PARKING SPACES



02 **PARKING FINDER** DETAILS PROXIMITY AND COST OF NEARBY PARKING SPACES

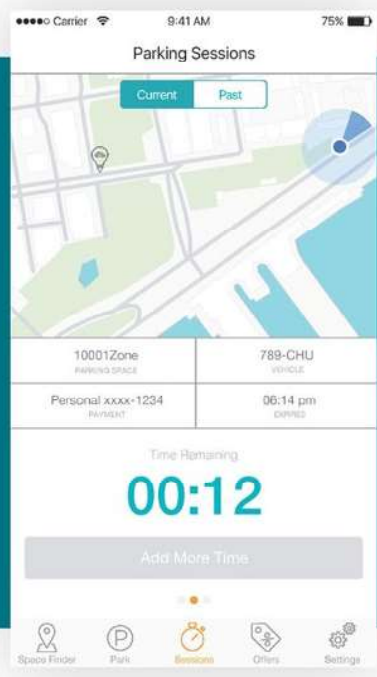


03 **USER** VIEWS TIME LEFT AND PARKED LOCATION FROM A GPS-ENABLED DEVICE

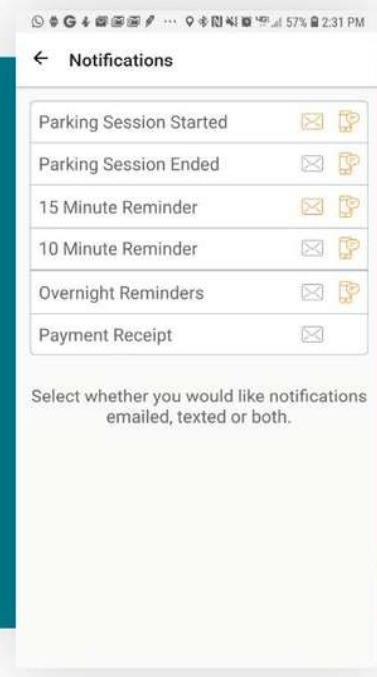
PARKING FINDER*

PARK SMARTER™ can be used before the car is even parked. Using the app's Parking Finder, motorists can locate available parking and avoid circling the block in search of a space.

**Sensors and real-time data must be enabled for accurate space availability.*



04 **NEED MORE TIME?** OPEN THE APP, ADD MORE TIME, AND EXTEND



05 **USER** SELECTS OPTIONS FOR NOTIFICATIONS, REMINDERS, AND RECIEPTS



My Parking Receipt™



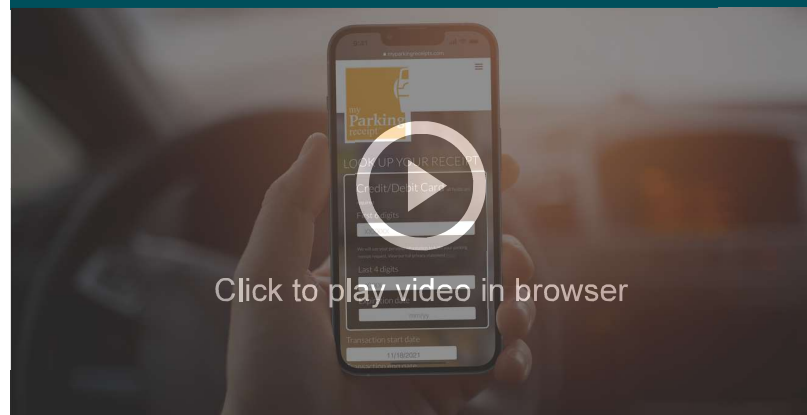
My Parking Receipt™ is a free, convenient digital receipt service that allows customers to view, download and print their parking receipts paid at any IPS meter. Users may also set up a profile to review their expense history and receive automatic emailed receipts when they pay with a card linked to their account.

This user experience enhancement allows flexibility for customers to manage their parking expenses for record-keeping and reporting purposes. My Parking Receipt is available to all IPS customers **at no additional cost** and managed through the powerful IPS DMS.

Customers simply go to MyParkingReceipt.com to look up transactions from the last six months using their credit card information and the transaction date range. Users may also create an account so that whenever the credit card linked to the account is used, the receipt is automatically emailed to them.

FEATURES AT A GLANCE

- Transaction lookup by card number and date
- Use as guest or set up a profile
- Automatic email receipts for registered users, 24/7 online transaction history
- Up to 6-month transaction history
- View, download, and print options
- Mobile optimized for any web-enabled device



Data Management System

The Data Management System (DMS) with Advanced Analytics is a secure, real-time web-based application that allows parking professionals to manage an entire parking network from one fully integrated, seamless platform. It provides a comprehensive set of financial, technical, and administrative reporting features paired with remote meter configuration, allowing managers to seamlessly integrate parking meters with pay-by-cell, Vehicle Detection Sensors, Enforcement and Permitting, and other smart applications.

Built for the future of big data, the DMS with Advanced Analytics will better support your City's business by enabling you to measure user trends, drive demand-based pricing and other data supported decisions, and seamlessly integrate your entire parking network.

FEATURES AT A GLANCE

- Secure SSO: User profile-based access — total compliance
- Analytics At Your Fingertips: Total data integration, including ingesting all third-party data; terabytes of data curated into informative, visual reports and dashboards
- Demand-Based Pricing: Set trend-based dynamic rates to optimize parking availability
- Flexibility: Access from any web-enabled device, API integration with any service
- Efficiency & Reliability: High availability, cloud-based total component integration: meters, sensors, apps
- Optimal Scheduling & Routing: Real-time updates and alerts, occupancy and maintenance forecasting
- Robust Infrastructure: 3+ terabytes of data processed per year, and growing...





DMS Advanced Analytics & Business Intelligence

Make smart data-driven policy decisions with confidence. DMS Advanced Analytics guide operational decisions that increase revenue and efficiencies and improve the customer experience.

Whether it's aggregating data from all your IPS Smart Parking solutions, or ANY third-party parking supplier, the IPS Data Management System can serve as your centralized parking management hub that gives the full picture in one easy-to-use platform. With 360-degree parking management capabilities, you can infuse intelligence into every decision, extracting the maximum value from your data.

FEATURES AT A GLANCE

- Create visual reports in the form of charts, graphs, and heat maps (all export formats supported)
- Plan optimized routes for collections, enforcement, and maintenance teams based on real-time data
- Detect equipment and service issues proactively for faster response
- Customize dashboards to monitor your most important KPIs
- Monitor and track performance, occupancy, citation, and revenue trends





DMS Mobile Manager

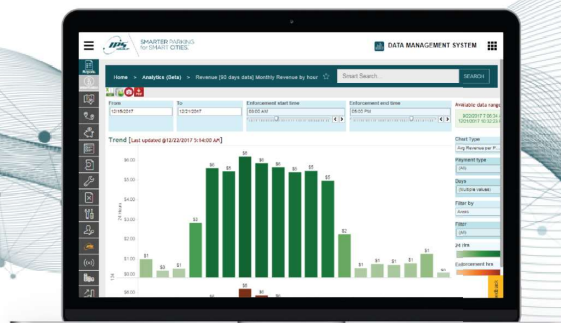
UNIFY MULTIPLE VENDOR APPLICATIONS ON ONE PLATFORM: **THE DMS**

The DMS is a fully integrated, cloud-based system that can manage and integrate multiple mobile payment applications. This enhancement consolidates all mobile and meter financial data into a common location for City staff to query and report as needed.

IPS can not only aggregate all mobile payment data for reporting purposes, but can be the common platform when it comes to additional integration needs for enforcement, LPR, and other third-party services.

MOBILE AGGREGATOR

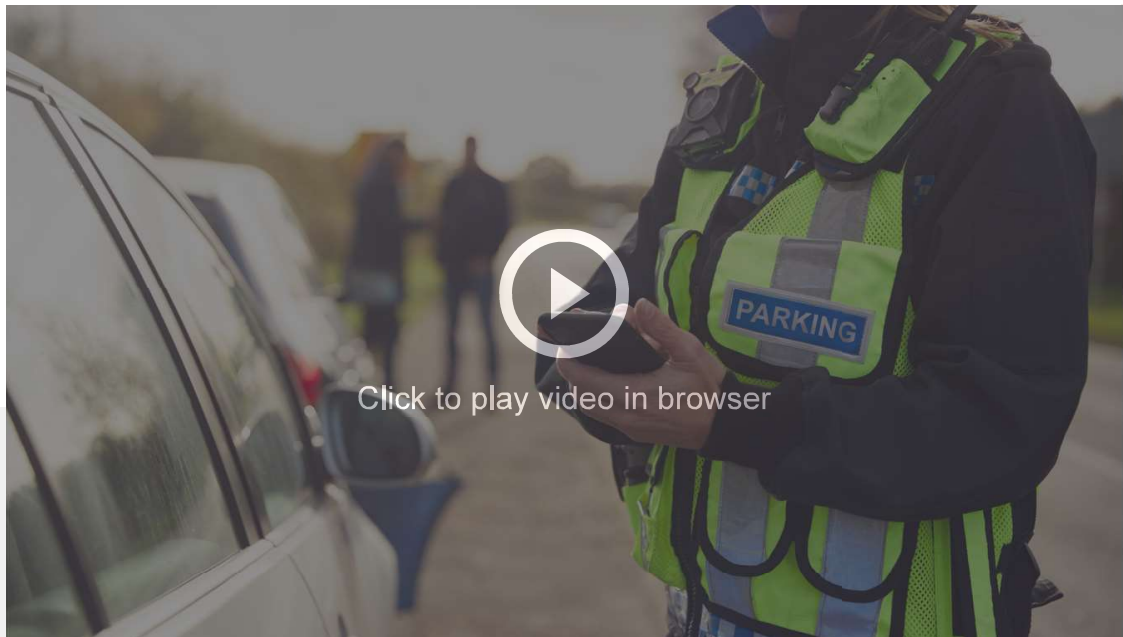
- DMS completely integrates with PARK SMARTER™ and other mobile payment apps to enable consistent policy enforcement across all forms of payment.
- DMS serves as the policy engine to manage multiple vendors and consolidate revenue reporting.



Fully Integrated Enforcement & Permit Management

ENFORCEMENT & PERMIT MANAGEMENT COMPONENTS

- **Enforcement Management System (EMS):** Our end-to-end cross-compatible web-based citation management system manages the entire lifecycle of parking citations including issuance, adjudication, payment, DMV communications, and collections.
- **Mobile Enforcement System (MES):** IPS can provide two-piece handheld systems, or one-piece (when available), based on the City's needs. Depending on the capabilities of the City's current handhelds (if applicable), these devices may also be used if they support Android or iOS operating systems. This gives our customers the ultimate flexibility based on your preferences.
- **Public Citation Management Portal:** A website that allows citizens to review the status of their citation, pay or obtain information on how to contest their citation, review fine amounts including late fees, and obtain additional information.
- **Permit Management System:** The Permit Management Solution offers the flexibility and convenience to manage the entire parking permit lifecycle from initial design through fulfillment via a web-based system available 24/7.
- **Permit Public Portal:** A customer-facing website that lets civic patrons view rates and availability, apply for a permit, upload verification documents, and pay online.



Enforcement Management System

ACCESS DATA FASTER AND SMARTER

The IPS Enforcement Management System (EMS) allows the City to intelligently manage every step of the citation lifecycle including citation issuance and processing, adjudication, appeals, hearings, payments, and collections. As a secure, cloud-based application, the EMS provides real-time access to authorized users from any web-enabled device, 24/7. No local hardware is required.

The system is designed with all the tools to help you automate operations, maximize efficiency, promote transparency and compliance, and increase enforcement revenue. An intuitive, customizable dashboard provides helpful at-a-glance visual analytics in the form of charts, graphs, and heat maps so you can easily pinpoint patterns and trends. Additionally, the EMS has robust reporting capabilities with a full set of pre-defined administrative, financial, and technical reports, as well as the ability to customize reports to only display the data you want. All reports can be exported into various formats, including XLS, CSV, and PDF.



IPS has a direct connection to NLETS.

Many vendors must rely on a third party to obtain information from NLETS. IPS, however, is one of the few Authorized NLETS Partners with a direct connection to the network. DMV and NLETS integrations ensure you have access to the most accurate registered owner data possible across all 50 states, reducing potential errors and improving efficiency.

WITH THE EMS, YOU CAN GO BEYOND A DAY-TO-DAY REACTIVE APPROACH TO OPERATIONS AND INSTEAD HARNESS POWERFUL DATA TO DEVELOP SMART, DATA-DRIVEN POLICY DECISIONS THAT WILL GREATLY IMPACT THE FUTURE OF YOUR PROGRAM.

FEATURES AT A GLANCE

- Cloud-based to provide real-time data, no local hardware required
- Customizable dashboard with visual analytics and heat maps
- Robust reporting (pre-defined Administrative, Financial, Technical, and custom reports)
- Complete citation lifecycle history of citations paid, contested, closed, voided, etc.
- Citation summaries include photos, notices and letters, adjudications, and voids
- DMV and National Law Enforcement Telecommunications Systems (NLETS) integration
- Adjudication and disposition management
- Payment and refund processing
- Notice and letter processing
- Live chat support
- Advanced smart search capability offers instant search suggestions and accurate results
- Integrated Smart Calendar
- Option for manual citation entry
- Seamless integration with IPS or third-party parking technology including meters and pay stations, sensors, LPR, pay-by-phone applications, etc.

OPERATING REQUIREMENTS



Hardware Requirements:

The EMS is secured in a private cloud environment; no installation is required. The EMS can be accessed via any web-enabled device.



Operating System

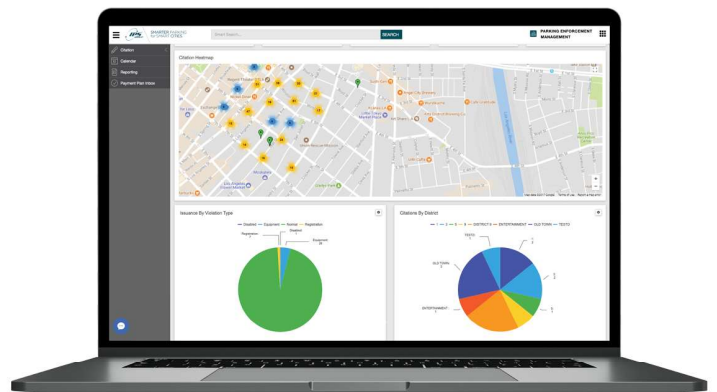
Software Requirements:

An internet browser is the only tool required to access the system. Windows and Apple iOS are typical.



Browser Requirements:

Any current internet browser will be sufficient to access the EMS. MS Explorer, Mozilla Firefox, Google Chrome, iOS-supported browsers are all compatible, including mobile phone browsers.



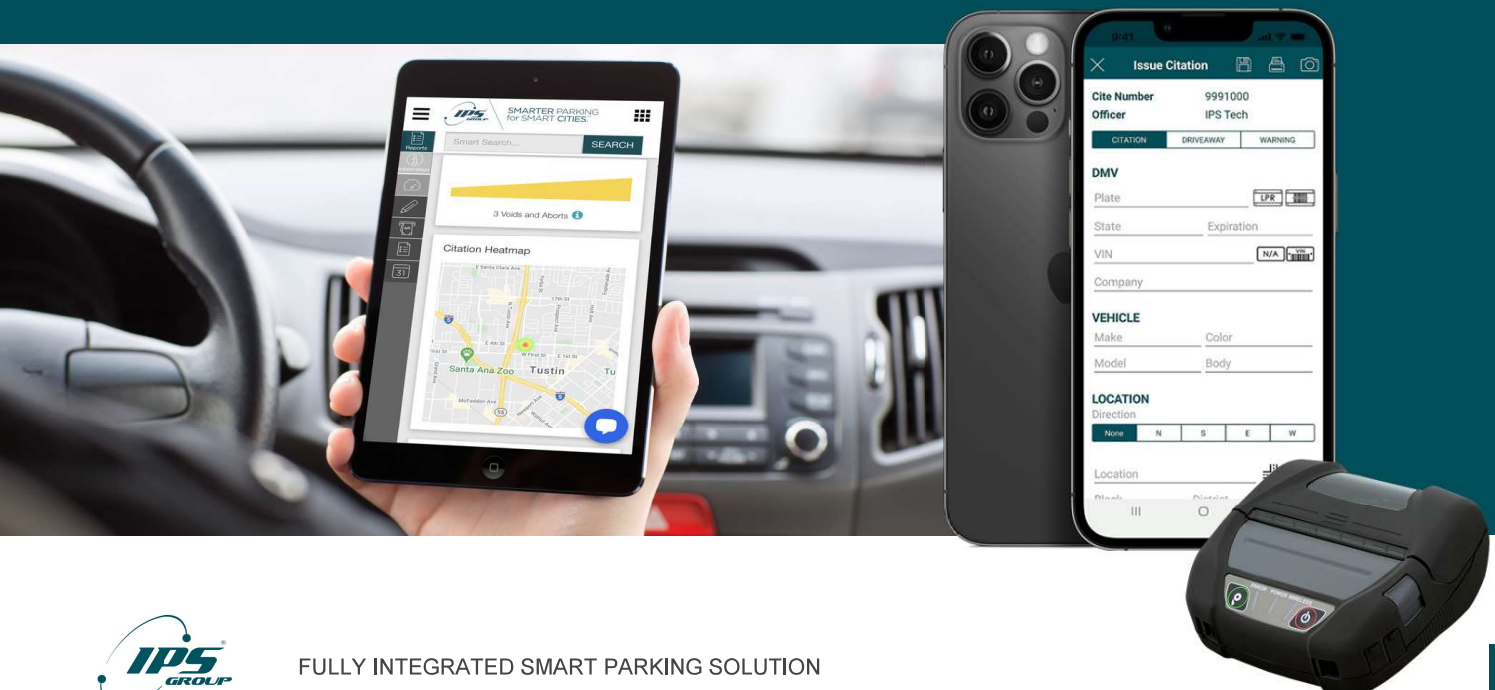
Mobile Enforcement System

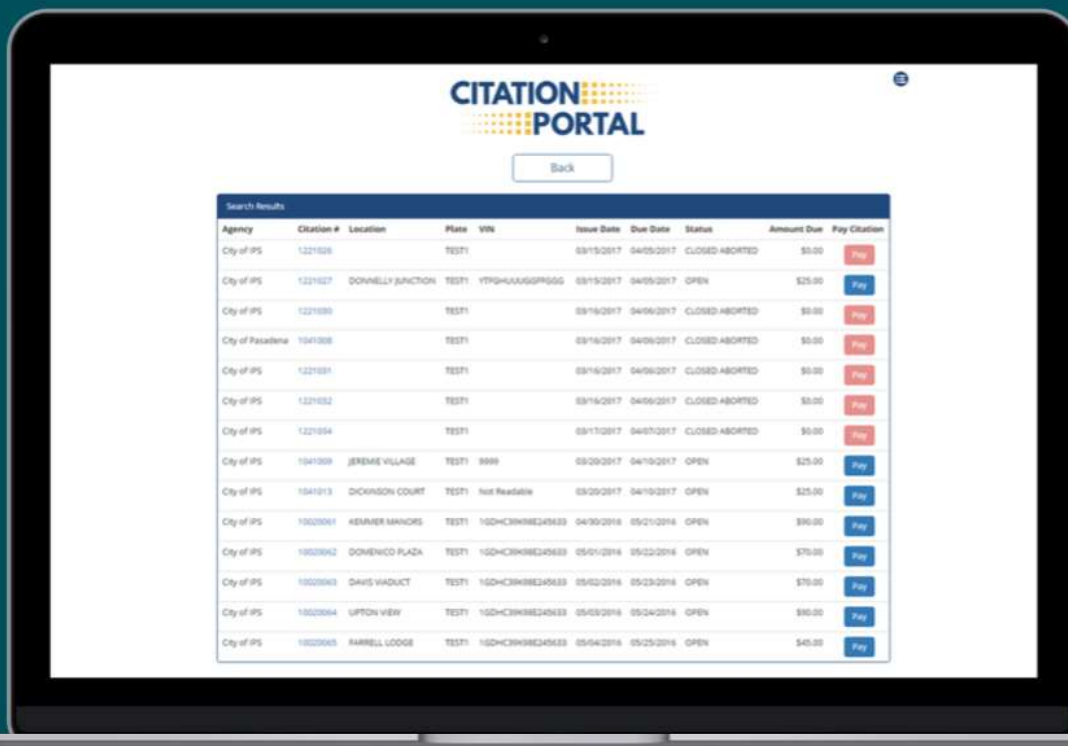
IPS can support any iOS or Android device combined with a Bluetooth printer. This gives the ultimate flexibility to fit preference. The most innovative on the market today, our Mobile Enforcement System ensures parking enforcement officers experience a convenient, quick, and efficient citation issuance process with all the right data on one screen.

Officers writing tickets in the field have access to real-time citation history, scofflaw, habitual offender and custom alerts to provide the peace-of-mind that all the citation data is input accurately. Electronic citations securely synchronize with the Enforcement Management System (EMS) to kick off the processing workflow immediately.

DEVICE FEATURES AT A GLANCE

- 2-piece unit (Android OS and iOS compatible)
- Real-time syncing to secure/encrypted EMS back office
- Scofflaw and customized alerts
- Thermal printer
- Magnetic stripe and smart card reader for in-field payment collection
- E-chalking
- Shift tracking
- Customizable user dashboard
- High contrast easy-to-read screen – even in harsh daylight conditions
- Type-ahead field input
- GPS tracking
- High-res color images (2mp 1080p @3fps color imager)
- Automatic software updates
- IP65 rating (Operating temps tested to MIL-STD 810F – (68° to + 122° F/20° to + 50° C)



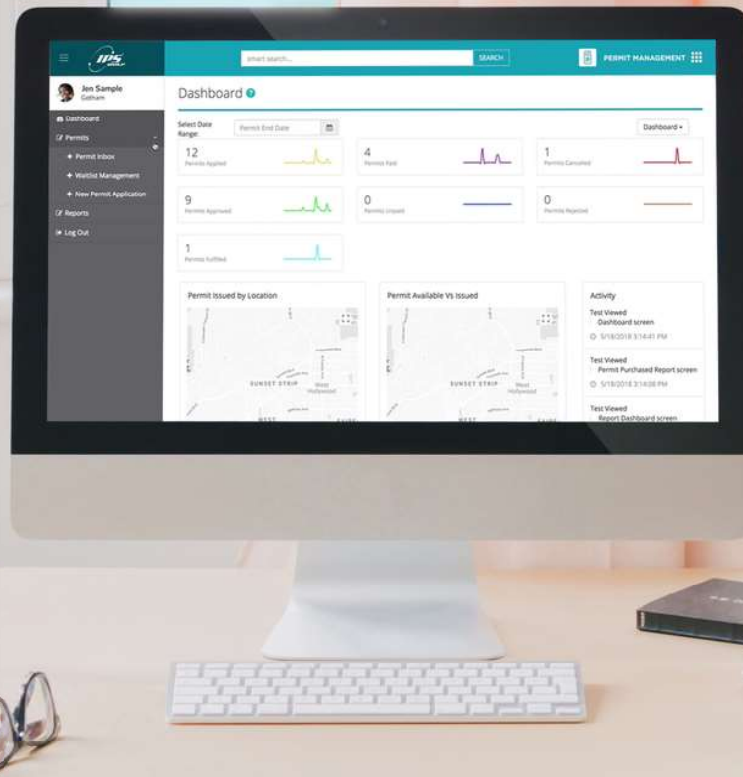


Public Citation Management Portal

The Public Citation Management Portal is a website that allows citizens to access details about their citations and take action in a convenient, paperless process completed in real time. Citizens can review the current status of their citation, review fine amounts including late fees, pay, or contest their citation, and obtain a receipt or additional information.

FEATURES AT A GLANCE

- Review current and comprehensive citation, transaction, and appeals history
- Contest a citation and upload supporting documents
- Pay citation and receive a receipt in real time
- Access via any internet browser, on any web-enabled device
- Payment accepted via any major credit card: Visa, MasterCard, Discover, and American Express
- Payments processed and citations updated in real-time
- Partial payments are accepted
- Delinquent accounts are redirected for processing
- Live chat support
- PCI Certified



Permit Management System

The Permit Management Solution offers the flexibility and convenience to manage the entire parking permit lifecycle from initial design through fulfillment via a true cloud-based system available 24/7. Online reporting of payments and other permit activities provides the Agency with maximum visibility to track and analyze data and better manage the entire permit program. Your Agency can improve the customer service experience offered to the public with our user-friendly Permit Public Portal. IPS offers convenient payment options, and the ability to print temporary permits upon purchase. Our solution provides the flexibility of an unlimited amount of permit types and rates including residential, guest, and daily permits, in multiple formats such as virtual license-plate based and physical permits like hang tags or decals.

Gain peace-of-mind from eliminating old paper processes. Through one system you have fast access to the most current and accurate permit information by license plate number, location, contact name, or permit number, and order status, 24/7. Comprehensive online reporting of payments and other activities provides maximum visibility for more efficient management.

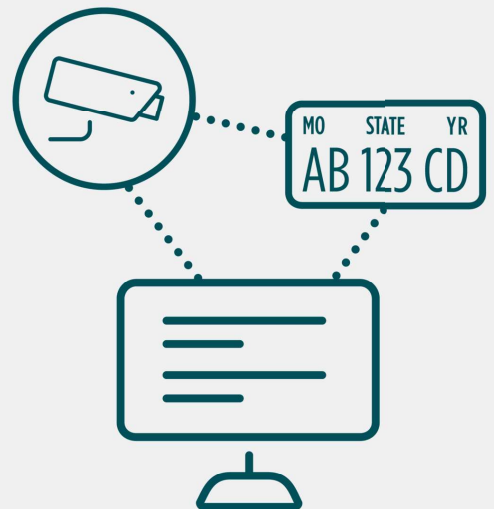
The permit system allows for real-time validation of vehicle registration information through integration with the Department of Motor Vehicles (DMV). Based on the business rules established by the Agency, the system has the ability to verify in real time if the permit registrant's address is in the proper permit zone, as well as verify that the vehicle registration information matches the applicant's desired permit zone.

The IPS Permit Management Solution works as a stand-alone solution but can also seamlessly integrate with other parts of the IPS Ecosystem, including Enforcement Management, for one powerful fully integrated solution. Combined, these solutions are scalable to expand capabilities and maximize the efficiency of permit and citation management.



FEATURES AT A GLANCE

- Comprehensive online reports exportable in Excel and PDF
- Process and generate renewal letters
- Provides temporary permits immediately
- Waiting List Management
- Secure log-in and access to permit information 24/7
- Online registration and permit ordering
- Vehicle and permit data uploaded in real time
- Void lost, damaged and stolen permits
- Customizable interface to match City branding



Permit Public Portal

The Permit Public Portal makes it easier than ever for your residents and visitors to purchase and renew parking permits online. The customer-facing website conveniently allows users to review rates and availability, apply for a permit, upload verification documents and pay online.

FEATURES AT A GLANCE

- Online registration and permit ordering
- ID/Password authentication
- Submit application and pay for parking permit
- Upload additional required documentation
- Review status of permit application
- Temporary permits available immediately
- Access via any internet browser, on any web-enabled device
- Payment accepted via any major credit card
- PCI Certified

