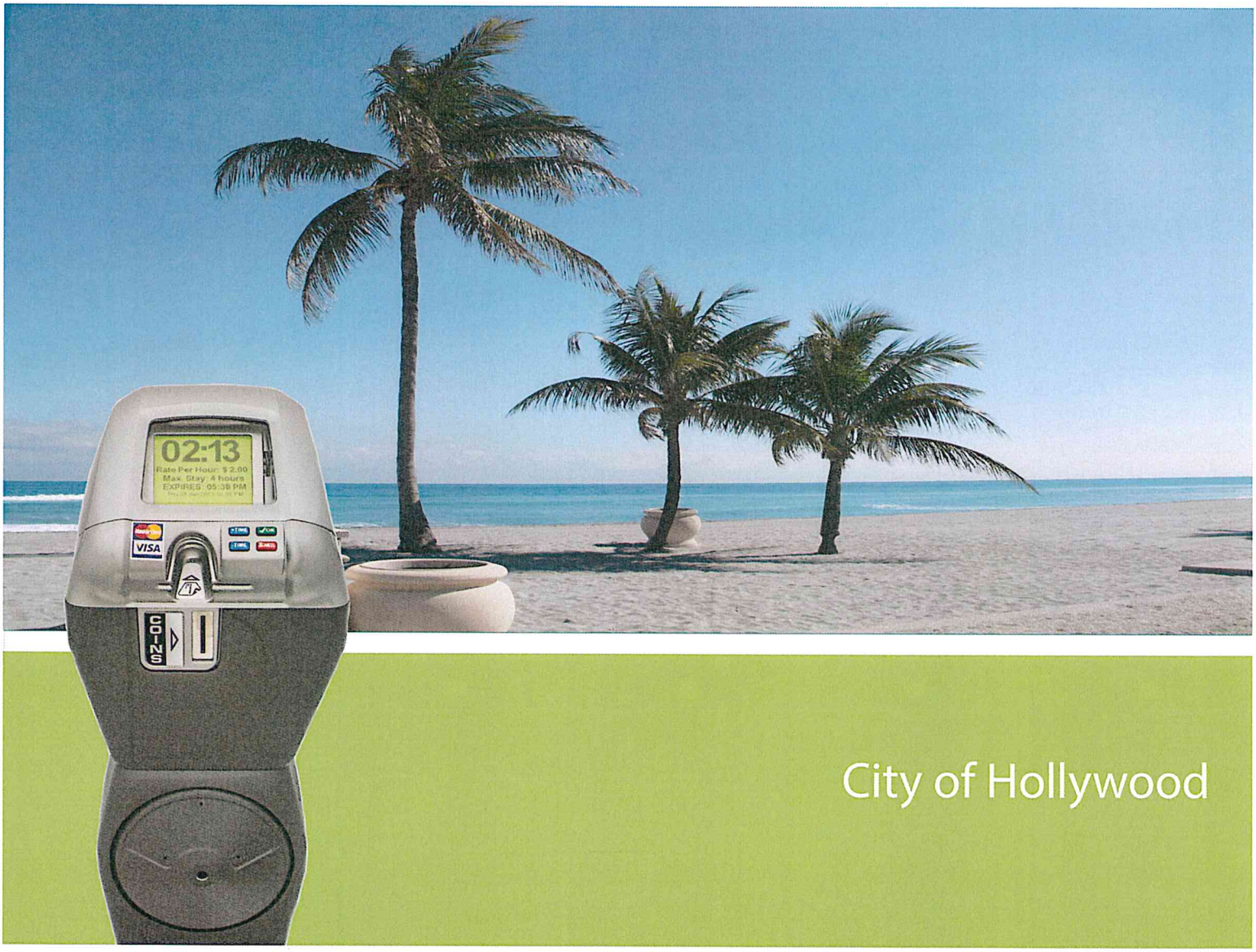
RFP No. 4382-14-JE
Credit Card Enabled
Single-Space Meters



City of Hollywood

Deadline:
November 12, 2013
3 PM

Prepared by:
IPS Group, Inc.
5601 Oberlin Drive
Suite 100
San Diego, CA 92121 U.S.A.
www.ipsgroupinc.com

Contact:
Chad Randall
Chief Operating Officer
IPS Group, Inc.
Direct: 858.404.0607
Fax: 858.408.3352
chad.randall@ipsgroupinc.com

Submit Proposals To:
City of Hollywood
2600 Hollywood Boulevard
Hollywood, Florida 33020
Office of City Clerk, Room 221

CITY OF HOLLYWOOD, FLORIDA

REQUEST FOR PROPOSALS

PROPOSER ACKNOWLEDGMENT

RFP Title: Credit Card Enabled Single Space Meters **RFP No.: 4382-14-JE** A Cone of Silence is in effect with respect to this RFP. The Cone of Silence prohibits certain communications between potential vendors and the City. For further information, please refer to Section 30.15(E) of the City's Code of Ordinances.	**Proposals must be received prior to 3:00 P.M., November 12, 2013 and may not be withdrawn within 90 calendar days after such date and time. Proposals received by the date and time specified will be opened in Room 303. All Proposals received after the specified date and time will be returned unopened.** **Procurement Services Contact: Janice English or Joel Wasserman or his designee.** **Telephone No.: (954) 954-921-3345 or (954) 921-3290**

PROPOSER ACKNOWLEDGMENT

THIS FORM MUST BE COMPLETED AND SUBMITTED ALONG WITH THE COMPLETE PROPOSAL PRIOR TO THE DATE AND THE TIME OF PROPOSAL OPENING. THE PROPOSAL SUMMARY SHEET PAGES ON WHICH THE PROPOSER ACTUALLY SUBMITS A PROPOSAL AND ANY PAGES UPON WHICH INFORMATION IS REQUIRED MUST BE COMPLETED AND ATTACHED WITH ALL PAGES OF THE PROPOSAL DOCUMENT.

Proposer's Name: IPS Group, Inc.	**Fed. ID No. or SS Number** 23-3028164
Complete Mailing Address: 5601 Oberlin Drive, San Diego, CA 92121	**Telephone No.:** (858) 404-0607 **Fax No.:** (858) 408-3352
Do You Have a Permanent Office Located in the City of Hollywood? Yes ☐ No ☒	**E-Mail Address:** chad.randall@ipsgroupinc.com
Indicate type of organization below: **Corporation** ☒ **Partnership** ☐ **Individual** ☐ **Other**	

ATTENTION: FAILURE TO SIGN (PREFERABLY IN BLUE INK) OR COMPLETE ALL RFP SUBMITTAL FORMS AND FAILURE TO SUBMIT ALL PAGES OF THE RFP DOCUMENT AND ANY ADDENDUMS ISSUED MAY RENDER YOUR RFP NON-RESPONSIVE.

CHECK BOX BELOW TO ACKNOWLEDGE THIS PROPOSAL.

The proposer certifies that this proposal is based upon all conditions as listed in the proposal documents and that he has made no changes in the proposal document as received. He further proposes and agrees, if his proposal is accepted, he will execute an appropriate agreement for the purpose of establishing a formal contractual relationship between him and the city of Hollywood, Florida, for the performance of all requirements to which this proposal pertains. Further, by checking the agree box listed below and by signing below in blue ink all RFP pages are acknowledged and accepted as well as any special instruction sheet(s) if applicable. I am authorized to bind performance of this RFP for the above proposer.

Agree ☒

Chad Randall	Chief Operating Officer	November 10, 2013
Authorized Name (Type or Print)	Title	Date
Authorized Signature		

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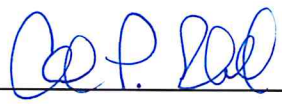
RFP CHECKLIST

Please check each line item after the completion of the appropriate item.

X	I verify that the signature on page number one (1) is the signature of the person authorized to bind the agreement. (Preferably in blue ink)
X	I acknowledge reading and signing the Hold Harmless Statement.
X	I have included all information, certificates, licenses and additional documentation as required by the City in this RFP document.
X	I have checked for any addendums to this RFP, and will continue to check for any addendums up to the due date and time of this RFP.
X	I have submitted one (1) original and eight (8) copies of the entire proposal with addendums including one (1) copy on a CD.
X	I have verified that the outside address label of my RFP package is clearly marked to include my company's name, address, RFP number and date of RFP opening.
X	I have read and completed (if applicable) the "Disclosure of Conflict of Interest".
X	I, the Bidder, am aware that a Notice of Intent to award this bid shall be posted on the City's website at www.hollywoodfl.org and on the Procurement Services bulletin board in room 303 at City Hall, and that it is my responsibility to check for this posting. Also, I have provided my email address, as the City, at its discretion, may provide me information by such means regarding this procurement process.
N/A	I, the Bidder, have submitted all supporting documentation for local preference eligibility, which must be received with the bid package prior to the bid opening date and time (if applicable).

NAME OF COMPANY: IPS Group, Inc.

PROPOSER'S NAME: Chad Randall

PROPOSER'S AUTHORIZED SIGNATURE: 

DATE: November 10, 2013

LETTER OF TRANSMITTAL

November 8, 2013

City of Hollywood
2600 Hollywood Boulevard
Office of the City Clerk, Room 221
Hollywood, Florida 33020
ATTN: Janice English

Letter of Transmittal Re: RFP #4382-14-JE for Credit Card Enabled Single Space Meters

Dear Janice English,

Thank you for the opportunity to submit this response to the City of Hollywood's Request for Proposals RFP4382-14-JE for Credit Card Enabled Single Space Meters. As a pioneer in the industry since 1994, the IPS product portfolio has evolved to meet the ever changing needs of our customers. IPS has grown from the inventor of the credit card-enabled single-space parking meter to a leading provider of single-space meters, multi-space meters, sensors and smart collection systems. Through this evolution, what has remained unchanged is our ability to deliver proven products, a state-of-the-art Data Management System and unparalleled customer support.

Project Approach

Building on our successful trial of single space meters in 2012, IPS strives to further develop a long-term partnership, rooted in open, honest communications, close cooperation and practical application of parking technologies. Our project approach is based on proven technology, seasoned team members, and solid experience using such technology to improve the customer experience and optimize parking revenues.

The IPS proposal includes the IPS M5™ single space meter, a state-of-the art backend system, and access to the integrated IPS product suite for future technology implementation. The M5™ meter mechanism will retrofit into the City's on-street meter housings while incorporating additional payment options (credit/debit card, coins, smart card, pay-by-cell, and optional NFC contactless payment), access to real-time parking meter data, solar-power technology, and a comprehensive web-based meter management system. This combination represents the most cost effective and user friendly approach, and also provides the most simple and timely path for technology implementation.

Our pricing approach is an aggressive single-space cost proposal, which includes an option to purchase the company's latest model meter the M5™, as well as our last generation model meter – the M3™, in order to provide the City with options designed to meet both the City's budget requirements as well as product features.

Future Technologies

The IPS product suite is designed to expect the unexpected when it comes to new, innovative technologies coming to market and future regulations set forth by both commercial and government entities. As such, products are built on flexible platforms which will allow for third

party integrations, technology updates and upgrades including EMV, and meters are GSM and CDMA certified, which guarantees communication coverage today and in the future.

Summary of Key Differentiators

PROVEN Technology	During the successful trial of IPS meters in Hollywood in the Spring of 2012, IPS meters were proven to increase revenue, provide the City with an average of 99.9% meter uptime rate, and saw credit card usage of up to 55%. As the inventor of the "smart" single space meter which was first deployed in 2007, IPS has been continually improving the power management of the system, which has been proven to outlast our competitor's batteries, not by months – but by years. To date, IPS has over 125,000 smart meters installed in over 160 locations and has the positive customer references the City desires. As such, IPS has more experience with providing the products and services required in this RFP than all of our competitors combined.
Web-based Management System	Each IPS single space parking meter is integrated into a web-based data management system (DMS) and data is stored on central servers hosted by IPS. This data transfer happens automatically and unlike others, our parking meter technology allows all rate changes, firmware downloads, and communication to/from the meter to take place remotely with no need to physically visit the meter.
Manufactured in the US	While many of our competitors' products are manufactured outside of the US, IPS is proud to manufacture at its corporate headquarters in San Diego, CA. Furthermore, all engineering, card processing, data storage and back office hosting server systems are based in the US.
Leader in Innovation	As a technology company, IPS invests heavily in research and development in order to position itself as the industry leader. As such we are able to provide our clients with state-of-the-art products to help maximize existing infrastructure, enhance revenue and improve the overall customer experience. Some examples include: vehicle detection sensors, smart collection systems, visual analytics tools and mobile maintenance phone applications, to name a few.
Comprehensive Customer Support	As our references will attest to, IPS provides dedicated customer support throughout the life of the project to ensure a seamless and successful deployment. We offer on-site support during the installation, hands on training, a 24/7 toll free support number, and online users manuals and tutorial videos. Additionally, our engineering, R&D and manufacturing operate at our San Diego corporate headquarters and will offer additional support as needed.

Our unequaled experience and ability to meet all of your technical specifications demonstrate markedly why IPS is the right solution for the City of Hollywood and the best long term partner for the City's parking needs, not only today, but into the future. We believe that when you compare the strength and experience of the IPS team, the convenience of the proposed solution, the ease of installation, and the superior total cost of ownership, that you will see a compelling story and agree that our team is uniquely positioned to provide with outstanding products, people, and support.

We look forward to the opportunity to work very closely with the City of Hollywood in the coming weeks and months.

Respectfully,

Chad P. Randall
Chief Operating Officer, IPS Group Inc.
Chad.randall@ipsgroupinc.com, (858) 568-7709
5601 Oberlin Drive, Suite 100
San Diego, CA 92121

Alternative (also authorized to make representations for IPS Group):
David King
President & Chief Executive Officer, IPS Group Inc.
Dave@ipsgroupinc.com, (858) 404-0607
5601 Oberlin Drive, Suite 100
San Diego, CA 92121

Chapter 1

CHAPTER 1 | PROFILE OF PROPOSER

a. State whether your organization is national, regional or local.

IPS is headquartered in San Diego, CA. IPS meters are deployed in more than 160 locations across North America and we have regionally based technical support and sales staff to effectively support those clients.

b. State the location of the office from which your work is to be performed.

IPS is headquartered at 5601 Oberlin Drive, San Diego, CA 92121. All manufacturing, research and development, marketing, engineering and customer/technical support are conducted at the San Diego office.

c. Describe the firm, including the size, range of activities, etc. Particular emphasis should be given as to how the firm-wide experience and expertise in the area addressed by this Request for Proposal, will be brought to bear on the proposed work.

IPS Group, Inc. has been in the parking and telecommunications business for nearly 20 years (starting in South Africa), with installations in the US, Canada, South Africa, United Kingdom, Australia and New Zealand. IPS began as a wireless telecommunications company, providing pay-phone solutions and telephone management systems to countries all over the world. Today, while our telecommunications experience sets IPS apart, our focus on designing, manufacturing, and supporting the best parking meter on the market has become our focus. Currently, IPS operates more than 125,000 credit card-enabled single-space parking meters across the US and Canada.

IPS is a privately held corporation, establishing our US based operations in 2000 and is headquartered at 5601 Oberlin Drive, Suite 100, San Diego, CA 92121. IPS's manufacturing processes, final assembly, engineering, card processing, database management, and web-hosting services are all located in San Diego, CA, and many of our suppliers are also located in the State of California.

IPS has more wireless devices deployed than our competitors combined.

We believe our experience in the technology and telecommunications industries has helped us create products that provide the best combination of convenience, user experience, enforceability and cost of ownership among any parking meter product in the industry today.

In addition to establishing a strong reference base, IPS has been refining and advancing this technology and is offering the City of Hollywood our fifth-generation model, the M5™. As outlined in detail within our proposal, the M5™ incorporates enhanced payment options, unsurpassed power efficiency, and access to our state-of-the-art Data Management System.

d. Provide a list and description of similar municipal engagements satisfactorily performed within the past two (2) years. For each engagement listed, include the name and telephone number of a representative for whom the engagement was undertaken who can verify satisfactory performance.

1.1 REFERENCES

Our previous performance and experience can best be documented and communicated through various references. IPS Group Inc. is currently engaged with various cities at different stages, most of which are of the scope and scale of the services required by this RFP. IPS does not wish to inadvertently disclose any information deemed to be non-relevant, proprietary, or inappropriate. We respect the details of these contracts and/or current relationships, and respectfully request that any additional details be provided by the respective contacts listed below. Additional references are available upon request.

CUSTOMER: City of Jacksonville, FL
- Reference: Jack Shad, (904) 630-4990, jshad@coj.net
- Product Description: IPS SSPM, Model M3
- Scope of Work: 540 meters installed

CUSTOMER: City of Austin, TX
- Reference: Steve Grassfield, (512) 974-1489, steve.grassfield@ci.austin.tx.us
- Product Description: IPS Model SSPM, Model M3
- Scope of Work: 500 meters installed

CUSTOMER: City of Denver, CO
- Reference: Bill Miles, (720) 913-8509, bill.miles@denvergov.org
- Product Description: IPS Model SSPM, Models M3 & M5, Vehicle Detection Sensors
- Scope of Work: 6,000 meters and 500 sensors installed

CUSTOMER: City of Columbus, OH
- Reference: Mike Mercurio, (614) 645-6658, mmercurio@columbus.gov
- Product Description: IPS Model SSPM
- Scope of Work: 3,600 meters installed

CUSTOMER: City of Los Angeles, CA
- Reference: Daniel Mitchell, (213) 473-8276, dan.mitchell@lacity.org
- Product Description: IPS Model SSPM
- Scope of Work: 33,000 meters installed

CUSTOMER: City of Lexington, KY
- Reference: Gary Means, (859) 233-7275, gmeans@lexingtonky.gov
- Product Description: IPS Model SSPM
- Scope of Work: 400 meters installed

CUSTOMER: City of San Francisco, CA
- Reference: Steven Lee, (415) 701-4592, steven.lee@sfmta.com
- Product Description: IPS Model SSPM
- Scope of Work: 7,500 meters installed

CUSTOMER: City of Huntington Beach, CA

- Reference: Dennis Thompson, (714) 337-1918, dthompson@surfcity-hb.org
- Product Description: IPS Model SSPM
- Scope of Work: 350 meters installed

e. Have you been involved in litigation within the last five (5) years or is there any pending litigation arising out of your performance?

No. IPS has not been involved in litigation within the last five (5) years or is there any pending litigation arising out of our performance.

Chapter 2

CHAPTER 2 | SUMMARY OF PROPOSER'S QUALIFICATIONS

a. Identify the project manager and each individual who will work as part of the engagement. Include resumes for each person to be assigned. The resumes may be included as an appendix.

IPS is proposing a dedicated team to the City of Hollywood which will provide the high level of support the City desires from the installation phase and beyond. Our diverse team of professionals has over 200 years of combined experience with backgrounds ranging in management, research and development, marketing, operations, finance and public affairs.

In support of the Hollywood team are manufacturing, research and development, customer/technical support and marketing professionals which are located at our corporate headquarters in San Diego, CA. Profiles of the Hollywood project team members are provided below.

2.1 TEAM RESUMES

David W. King, IPS President & CEO
Role: Authorized to Bind and Negotiate
Estimated Project Hours: 0-10

David King is the founder and Chief Executive Officer of IPS Group, Inc. A leader in telecommunications for over 20 years and the senior brainchild behind the solar powered single-space parking meter, King's responsibilities include leadership and oversight of all the Company's initiatives and operations.

As a business leader, King has had a far reach across the globe. In South Africa, King was an executive for Barlow Rand Limited, the largest industrial company in the country. King also served as President of Telkor Pty, a large high-tech telecommunications and military electronics company employing over 1,000 employees, half of which were highly skilled engineers. In 1994, King started IPS Group Pty and in 2001 DeLoitte and Touche named IPS as the fastest growing technology company in South Africa. In 2002, King relocated to the US to oversee the creation and commercial success of IPS Group, Inc., USA.

Chad P. Randall, IPS Chief Operating Officer
Role: Authorized to Bind and Negotiate
Estimated Project Hours: 5-20

Chad Randall serves as Chief Operational Officer of IPS Group, Inc. As COO, Randall is responsible for the broad oversight of IPS Group's ongoing operations and maintains direct supervision of the Company's business development unit. Randall joined the Company in 2008 at his current position, bringing many years of Fortune 500 corporate experience in both the automotive and instrumentation industries. In addition to business management, Randall has functional experience in engineering, manufacturing, marketing and product line management. Prior to taking on the role of COO at IPS Group, Randall was responsible for a global product

line of $100M+ for a Fortune 250 Corporation. Randall holds a Bachelor of Science in Mechanical Engineering from Rose-Human Institute of Technology and a Masters in Business Administration from Harvard Business School.

Alexander M. Schwarz, IPS Chief Technical Officer
Role: All Meter and Back Office Technical Integration
Estimated Project Hours: 1-10

Alex Schwarz serves as the Chief Technical Officer of IPS Group, Inc. As CTO, Schwarz has played a major role in the development of IPS' flagship product, the solar powered single-space parking meter and is responsible for the oversight of IPS Group's research and development efforts. Schwarz joined IPS Group in 1998 as a specialist in information technology and cellular telecommunications. Schwarz has comprehensive knowledge of the design and manufacturing of electronic peripherals, electronic parking meters and cellular interface technology (CDMA and GSM). As a telecommunications developer, he has worked extensively with all of the major cellular network providers, including *Verizon* and formerly *Cingular Wireless*. In 2002, Schwarz relocated to the US with David King to establish the technology platform for future IPS product development activities. Schwarz was awarded a Bachelor of Science in Electrical Engineering from the University of Witwatersrand, South Africa.

Dario Paduano, Chief Financial Officer
Role: Operations and Finance
Estimated Project Hours: 1-10

Dario Paduano serves as Chief Financial Officer of IPS Group, Inc. Paduano was appointed chief financial officer of the company in 2011 and comes to IPS with 12 years of previous Fortune 500 and public accounting experience. Paduano brings to IPS a strong working knowledge in corporate financial reporting, operational and financial process, acquisitions and business integrations and implementation of lean manufacturing practices. Paduano holds a Bachelors of Science in Accounting and Economics from Bryant University and is a Certified Public Accountant in the state of Connecticut.

Johnny Waldo, Vice President of Sales, Midwest & Southern USA and Canada
Role: General Manager & Director of Sales, Midwest & Southern Regions
Estimated Project Hours: 10-40

Johnny Waldo serves as General Manager & Director of Sales, Midwest & Southern Regions. He joined IPS in 2011 and brings to the team over 35 years of experience in on and off-street parking as well as single and multi-space parking systems. Along with Waldo's tenure and experience, he boasts an impeccable sales record along with an astute working knowledge of the technical and mechanical aspects of all parking systems. Waldo's educational background is in both mechanics and electronics, giving him a solid foundation for working with IPS. In addition, his prior experience as Mayor of Dover, AR gives Waldo a unique perspective with regard to public / private partnerships.

Sherry Fountain, Regional Sales Director
Role: City of Hollywood Sales Manager
Estimated Project Hours: 20-50

Sherry Fountain serves as Regional Sales Manager for the Southern Region of the United States. As the designated sales manager for the City of Hollywood, Fountain will participate in any required meetings or presentations related to this project. In addition, she will oversee the installation and deployment of the new meters which includes gathering information related to the location of the new meters, rate configurations, and sensors installations. Fountain brings over 21 years of experience in the parking industry to IPS Group; joining the company in spring 2012.

Fountain began her career at POM Inc. as a Sales Coordinator in 1990 selling mechanical and electro-mechanical meters to customers in the New England and the East Coast territories. In 1994 Sherry was named Materials/Inventory Control Manager, where she spent the next couple of years working on the production side of the industry. In 1996, Fountain was promoted to Regional Sales Manager and took on a territory that spread from Florida to California.

Graham Middleborn, Customer Support Manager
Role: City of Hollywood Project Manager
Estimated Project Hours: 50-100

Graham Middleborn joined IPS Group in August 2013 as the Customer Service Manager for the Eastern regions. With a strong background in customer service as well as project management, Graham brings 8 years of experience in providing technical support and customer service solutions to national and international businesses, ranging from streaming media DRM (Digital Rights Management) solutions to video-based fleet video telematics. Graham has played an integral role in establishing technical support and operations teams and brings a wealth of knowledge to the IPS team.

Paul Thomson, IPS Technical Support Manager
Role: City of Hollywood Technical Support Manager
Estimated Project Hours: 10-30

Paul Thomson serves as the primary support technician and manager of the technical support team for IPS Group. As a former operations manager, Thomson has experience managing teams of 100+ remote technicians, establishing a successful RMA program, providing timely and efficient customer support, and creating field service quality metrics. Thomson has over 20 years' experience in the high-tech industry, including telecommunications, biometric security and video-based fleet vehicle telematics.

Martin Plaisance, IPS Help Desk
Role: City of Hollywood Techincal Support Contact
Estimated Project Hours: 20-50

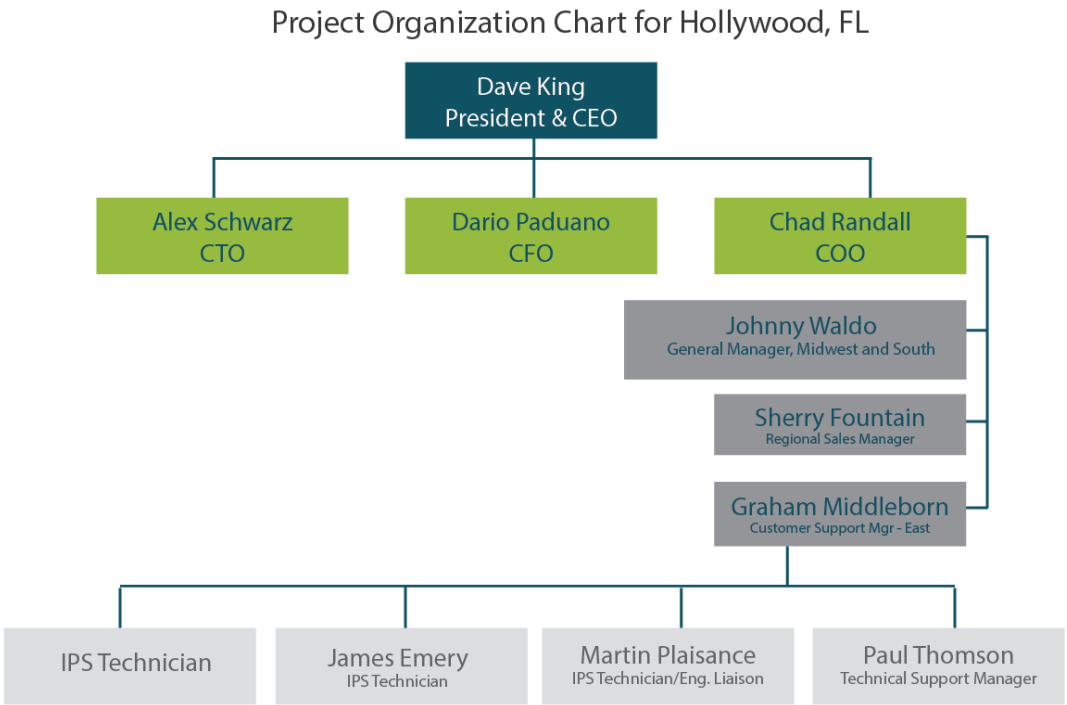
Martin Plaisance serves as IPS Group's lead product support engineer/technical support liaison to the engineering department, as well as the lead support engineer for resolving all cellular communication issues related to the IPS meter, working directly with IPS' cellular service provider. Starting with IPS in 2011 Martin started off leading installations for the product support team, and over the years he has developed the experience and knowledge base to be the first point of contact for all customers who have any questions or require technical support. Plaisance joined IPS Group in the summer of 2011. Prior to working with IPS, Martin was a lead Field support Engineer for one of the largest medical supply companies in the world. Martin received a Bachelor's of Science degree from Coleman University in 2007 and has a background in Computer Networking and Customer Support and has proven leadership skills in addition to his technical experience.

b. Describe the experience in conducting similar projects for each of the consultants assigned to the engagement. Describe the relevant educational background of each individual.

The proposed team for the City of Hollywood has worked together on several projects similar in size and scope to the Hollywood project. Please see the Appendix for resumes detailing the educational background and experience of the team members.

c. Describe the organization of the proposed project team, detailing the level of involvement, field of expertise and estimated hours for each member of the team.

2.2 Organizational Chart



d. Describe what municipal staff support you anticipate for the project.

2.3 MUNICIPAL SUPPORT

IPS anticipates requesting the assistance of City staff as stated below:

Phase 1, Preparation:

The City will need to provide all required pole numbering, required credit card processing details, meter operating configurations to ensure that the implementation runs as smoothly as possible.

For public outreach, IPS will work closely with City staff to establish the proper messaging before, during, and prior to installation. IPS will require the City to provide the appropriate language and images (if applicable) for marketing materials and public interfacing website (included with purchase).

Phase 2, Delivery of Product:

IPS will require the City to provide shipping address and location such that meters or any other materials can be delivered and securely stored prior to installation. This should mean that meters in boxes should be stored indoors or at least have covering from rain or other weather.

The City will need to provide the means to receive and unload freight or shipped boxes from freight carrier or forwarder. If this is not possible, City will notify Contractor so that alternate arrangements can be made.

Phase 3, Product Installation:

With all projects, IPS supervises and participates in the installation of IPS products, but will require the assistance of City personnel to open meter housings and provide directions to installation areas. IPS will coordinate with the City to organize IPS Staff and City employees (those involved in ongoing maintenance and operations of the single-space meters) for the install.

Phase 4, Training:

IPS will request the City provide us with appropriate training times where all relevant staff can attend. On-site meter training will require the use of a training room where the technical support lead can instruct maintenance staff with a demo meter.

Chapter 3

CHAPTER 3 | TECHNICAL SPECIFICATIONS

3. 1 METER MECHANISM SPECIFICATIONS

All bidders shall ensure, and provide documentation upon request, that all products will comply with the specifications contained herein. Any deviation from the specifications shall be noted in the bid proposal.

In order to provide the City with the most flexible single space options available, IPS Group is proving pricing for the latest single space meter, the M5™ as well as our prior version meter, the M3™. Most technical specs requested are identical for both meters, including large LCD and mechanical keypad. The main differences between the two are the M5™ has improved power efficiency with a smaller battery, has optional NFC and contactless payment capabilities, a third amber colored rear LED, and comes pre-integrated with sensor and smart cash collection ready main board. We are providing information for the M5™ within the technical specifications under the assumption all details are the same for both the M3™ and the M5™ unless otherwise noted.

1.1 General Specifications

Single-space parking meters shall have the following primary features.

Single space parking meters shall be capable of accepting payment via coins, credit cards and debit cards (non-pin), and contact smart card at the meter terminal. Credit card shall include Visa and MasterCard. It is the Contractor's responsibility to provide the visual information (i.e. stickers, etc.) to alert the public that credit cards are accepted at the meter.

IPS complies. The M5™ meter accepts payment by coins, credit/debit card, smart card, pay-by-cell and optional NFC contactless payment. IPS will also provide credit card stickers (as seen on the meter to the right) to instruct the public which credit cards are accepted.

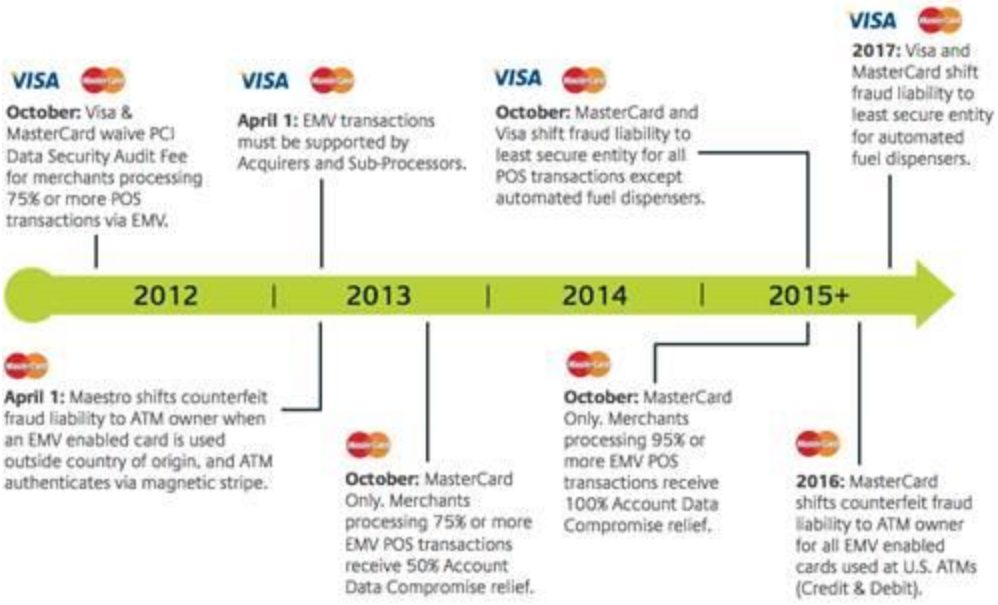
Single space parking meters must be EMV capable in the future.

IPS complies. If EMV becomes a required standard by the City's bank or merchant service provider, IPS meters are capable of being upgraded to meet that requirement.

Vendor must provide an explanation of how the meter can be made EMV capable, including a list of all parts necessary.

The future of card based transactions in the US will likely include a level of EMV compliance. While a timeline for this regulatory change has been provided, the full detail of the requirements has not. The nebulous aspects of this program make planning for the end requirement difficult, if not impossible. Without proper guidance on the future hardware

requirements, it is difficult to install a system today that meets the needs of tomorrow. IPS understands the risks that this poses to Hollywood both financially and administratively and has taken a proactive approach to assist our clients to mitigate these risks.



IPS is currently in the process of securing EMV Contactless Certification for its product line. Once complete, this development will be available for installation when applicable. The installation for these upgrades will be necessitated by the overall adoption and availability of both contact and contactless payment cards and devices.

In addition to the technical developments, IPS can insulate its partners from these developments by providing a warranty or service program that includes future developments. This "future-proofing" concept shifts the risk of future regulatory requirements from the City to IPS. If EMV requirements for small ticket items in parking transactions become a requirement of the merchant services provider of the City, IPS will provide an EMV upgrade kit and on-site support services. The final hardware required will be based on the final EMV requirements established for small ticket parking transactions. However, we anticipate that the only requirement at this time may be an updated card reader and/or display board depending on the final requirements. If the City is also interested in upgrading to incorporate EMV contactless payment, the upgraded display board would also facilitate this capability.

IMPORTANT NOTE: It should also be stressed that the future of EMV implementation in the USA is likely to take many more years, and potentially not during the contract term. Additionally, for small ticket transactions, such as that of the on-street parking industry, EMV may not even be applicable and would make such an update unnecessary. IPS continues to stay in direct contact with card processors, acquirers and the various card brands and networks to stay at the forefront of how EMV will be implemented in the parking industry if/when required, will also be at the forefront of providing the technologies required of our client partners.

EMV Parts Necessary and Pricing Per Meter EMV upgrades are included in the extended warranty option. Without extended warranty, pricing per meter upgrade is given below with shipping and installation included.

Display Board with NFC	$89.00
Hybrid Card Reader	$49.00

Credit card reader must be angled in such a way to minimize rain intrusion.

The IPS card reader is designed such that a card will be inserted in the most natural way possible and that if done incorrectly will also feel instinctively incorrect to the user. This will take the form of the card not sliding easily while in the reader. The display will also inform the customer that the card was not properly read and that the card should be re-inserted. Furthermore, the downward angle of the card reader will minimize rain intrusion.

Meters shall be wirelessly networked via the cellular network (3G or better modem) and connected to a web-based management system. No wireless communication hardware is to be installed on street/utility/traffic light poles other than the meter mechanism itself. No additional customer software other than an Internet browser shall be required to access the management system. All bids shall include a minimum choice of two wireless cellular network service providers to allow the City to choose the provider with the most reliable and widely available coverage at locations the meters will be installed. Bids may be rejected if all cellular network service providers identified in a bid cannot provide adequate coverage at the desired locations.

IPS meters will offer the city the most effective communication platform for the City, with CDMA on Verizon (primary) and GPRS on T-Mobile (alternate), however, this will be confirmed with an on-site signal strength analysis prior to deployment.

As a premier wireless provider, Verizon has excellent coverage in the Hollywood area and will serve as the primary carrier. Alternately, T-Mobile, is another option and has provided IPS with exceptional coverage and service over the last several years.

Both IPS GPRS and CDMA meters will operate exactly the same way and will be transparent to the City. No formal switchover process will be required other than simply installing the meters on the street that are configured for either carrier. If two carriers were required, IPS management of the carriers will make the use of both carriers seamless. The ability to swap a meter from one carrier to another is as simple as swapping the communications board within the meter.

Each IPS single space parking meter is integrated into the web-based DMS in which the data is stored on central servers hosted by IPS. This data transfer happens automatically and does not require personnel to interface with each meter to retrieve data. This data is available via a secure web-based portal and a username and password. We provide a full set of data and Management, Financial and Maintenance Reports, and the data can be exported into other software packages such as MS Excel, MS Access, CSV, etc. should the City have any specific requirements. Some of the most common management system reports include: Daily, Weekly, Monthly and Annual Total Revenue Reports from City level down to meter level, by payment type; Daily / Monthly credit card auditing and reconciliation, types used and searches; Coin collection by date, routes, collector; Monthly City wide statistics for meters, average number and value of transactions.

Today, IPS provides GSM and CDMA meters based on a 2G wireless network, and does not anticipate that the City would be impacted in any negative way during the expected term of this contract. However, if the City would wish to upgrade to a 3G modem at some point in the future, IPS can provide this option. IPS would further include the upgrade to 3G as part of the extended warranty program, if 3G ever is necessary.

Single space meters shall use solar panel and combination rechargeable/back-up battery pack to provide reliable, continuous, ongoing power and backup power so that the meter is functioning 100% of the time.

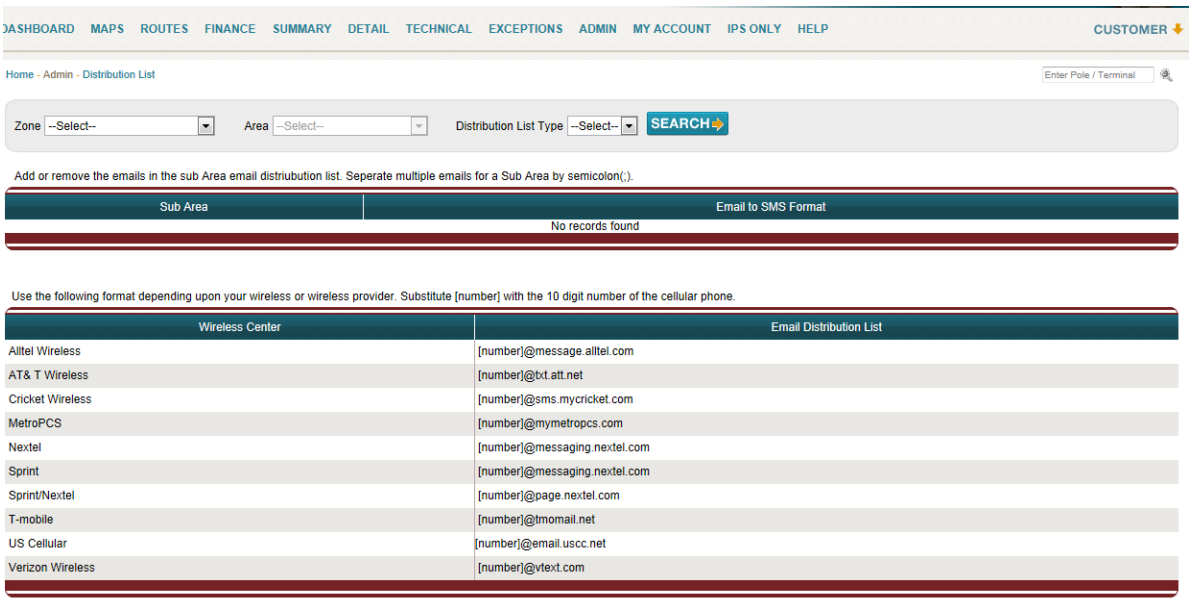
IPS complies. IPS meters are powered by a patented combination solar power and battery system. The solar panel on the back side of the meter allows for constant recharging of the battery with ambient light. This GREEN energy source provides a battery life which can last up to five years, depending on operating conditions and environmental factors. A nominal amount of ambient sunlight keeps the battery packs charged. Primary Cell technology keeps the unit operating, even with minimal sunlight and acts as the back-up battery.

Single space meters shall wirelessly notify parking operations staff of any faults, such as low battery, a card reader or coin validator jam, via a text message, email, or both.

IPS complies. When an alarm is triggered the IPS meter will establish a wireless connection to the IPS DMS. The DMS can then relay the alarm message to a distribution list of the City's choosing, which allows for alerts to be sent to those with responsibility for a specific zone or area. Alerts can be sent using email, text message or both. A list of the most common alarms include: card blockage, coin blockage, battery low, oscillator fault, configuration error, card read error, coin box level alarm.

Recipients of these reports can be modified by using the distribution list and the City has the ability to customize where alarms are sent (text message vs. email).

ALARM DISTRIBUTION LIST MANAGER:



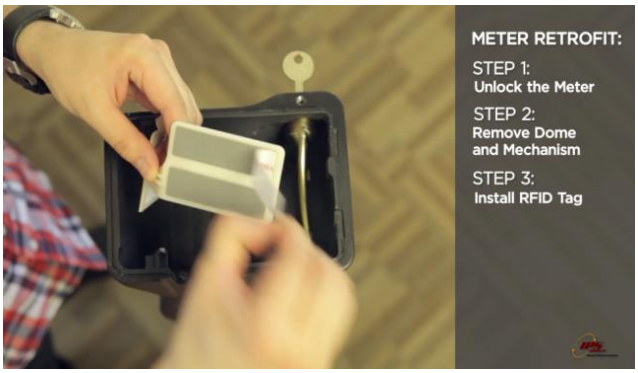
Meter mechanisms and associated top cover (dome) will retrofit to the City's currently installed meter housing base without modification to the existing base or housing. Meter mechanisms shall fit MacKay Model MKH4000 or equivalent meter housings.

IPS complies. As demonstrated in the 2012 trial of IPS meters in Hollywood, Florida, IPS meters are designed as a retrofit to the City's current housings and are very intuitive to install. Below is a set of images that highlights the primary elements of the process which generally takes 1-2 minutes per meter.

3.2 METER INSTALLATION PROCESS

Step 1: Unlock the Meter.

Step 2: Remove the Dome and Mechanism.



Step 3: Install RFID tag.

Step 4: Install IPS Dome and Mechanism.

Step 5: Lock the Meter.

Step 6: Install complete.

2.1 OPERATION AND RATES

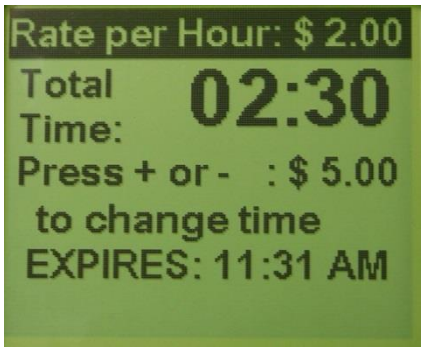
The following rate and operating characteristics shall apply to all meter mechanisms purchased.

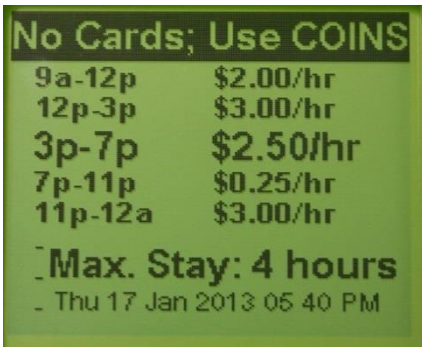
2.2 FIXED RATE – same rate all day, for select/every day(s) of the week. Meters can be remotely programmed for holidays, special events or other rate changes via the web-based management system and will not require City staff to interface with the meters to accomplish such a rate update.

IPS complies. The IPS Data Management System allows the City to remotely program the meters with a fixed rate, as well as rates for holidays/special events. No direct interface with the meter is necessary.

2.3 MULTIPLE-RATES – varied rates throughout the day, up to a minimum of 6 times. This can include Tow-Away, No Parking, Progressive, Reserved, or Free parking options, in addition to hourly parking rates for normal metering time. Meters can be remotely programmed for holidays, special events or other rate changes via the web- based management system and will not require City staff to interface with each individual meter to accomplish such a rate update.

IPS complies. IPS meters are currently deployed in both the SF*park* and LA Express Park programs which incorporate dynamic parking rate structures. Sample screenshots of varied rate structures are shown below.





2.4 EVENT PARKING – meters can be programmed to accept event parking rates, such that flat rate payment will enable the vehicle to park for a pre-determined amount of time. For example, $15 for a fireworks event, such that the rate begins at 8pm and the $15 results in the meter being paid for the duration of the event.

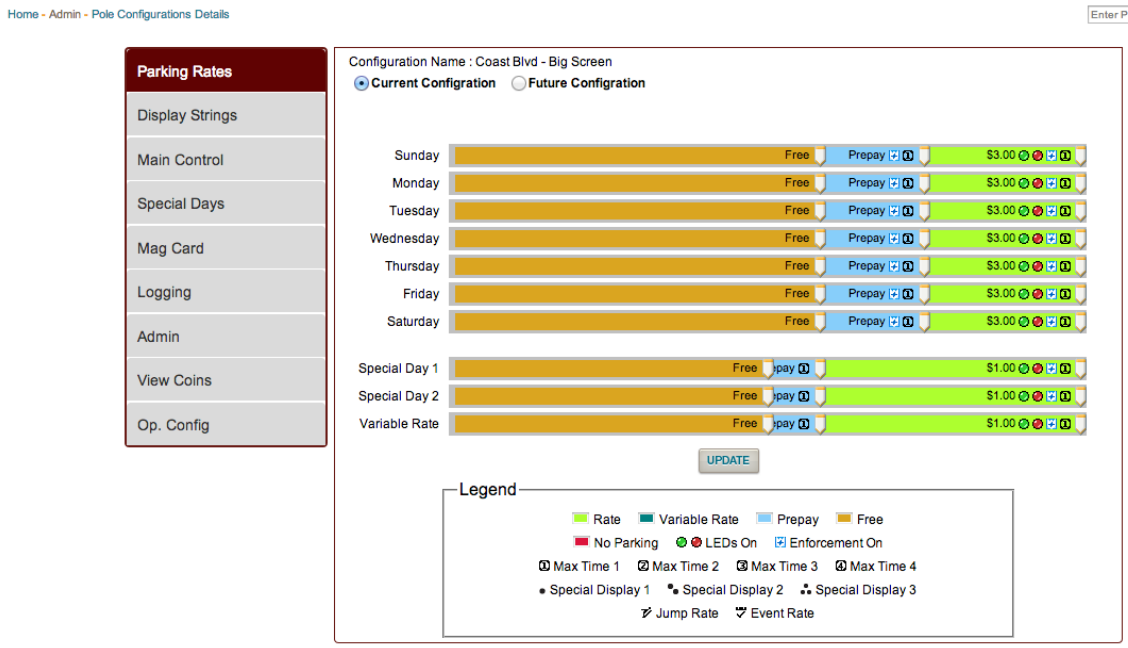
IPS complies.

2.5 The mechanism shall be capable of displaying the rates per hour, maximum stay (time period), and other customized messages or graphics on the meter LCD.

IPS complies. The M5™ supports graphics and customized text in any language.

2.6 Changes/updates to all rate structures, maximum stay (time limits), available payment methods, and hours of meter operations shall also be managed and updated via a web-based management system, providing remote management capability.

IPS complies. All rate changes/updates to the rate structure, etc. can be managed via the DMS as shown in the screenshot below.



3.1 GRAPHICAL DISPLAY

3.2 Single space parking meter shall have a graphical liquid crystal display (LCD) which is capable of displaying metered time (format of HH:MM, including negative time capability), parking rates and maximum stay period messages, current time of day (including time when meter will expire), as well as other alpha-numeric messages depending on the status of the meter.

IPS complies. The IPS SSPM has a programmable, backlit, auto-brightness monochromatic LCD display which is 100% larger than our previous model (160 x 160 pixels). The new display is completely programmable to display rate information, maximum time allowed, and current time on the meter. Alternating screens allow for a variety of programming messages and can be updated remotely via the web-based management system.

3.3 The LCD displays must be remotely programmable via web-based meter management system, such that the meter staff is not required to be present at the meter for changes to be made.

IPS complies.

3.4 Front display shall be visible by motorists to support ADA compliance considerations.

IPS complies. IPS meters are ADA compliant as long as the meter poles are cut to the appropriate heights.

Wheelchair accessible IPS meters in the City of Columbus, OH

3.5 For increased visibility in low-light conditions, the LCD shall be backlit. Backlight will be enabled automatically via light sensitivity, and will require no additional settings to be adjusted. Additionally, backlight will only be enabled during a transaction in order to conserve battery power.

IPS complies. Meter backlight is activated in low light conditions or by any button push or by initiating the payment (e.g., coin drop, credit card or smart card insertion), and remains illuminated for 20 seconds. However, the City can adjust the backlight settings in order to conserve battery power through the DMS.

3.6 In addition, a UV resistant (non-yellowing) polycarbonate material should be used to protect the LCD and solar panel.

IPS complies. Within the Zinc Alloy dome is a UV stabilized Lexan cover, which has an opening to allow for sunlight to reach the solar panel on the back and to allow for clear viewing of the display screen in the front. Lexan is an extremely durable material and is often used to make bulletproof windows. IPS has been selling this style of meter dome for a very long time and our customers will attest to its resistance to graffiti, vandalism and other environmental factors.

3.7 The polycarbonate material must be treated with an anti-fog coating to maximize the user's ability to interact with the display at all times.

IPS complies. IPS meters successfully operate in over 25 coastal beach areas with domes which are coated with an anti-fog treatment.

3.8 In the event of a coin jam, meter will continue to allow payment via credit card or debit card. During such a jam, the meter will display "Cards only, No Coins" on the LCD display. In the event of a card reader jam, meter will continue to allow payment via coins. During such a jam, meter will display "Coins only, No Cards" on the LCD. In either event, the meter must be able to wirelessly notify maintenance staff of the location and type of jam via email, text message or both. In the event that both a coin jam and card reader jam are present, the meter will display "Out of Order". All of these messages can be remotely updated and programmed via web-based management system.

IPS complies. In the event the card reader is inoperable, the meter will continue to accept coin payments and will display "Coins Only." In the event of a coin jam, the meter will continue to accept credit/debit cards, smart cards and pay-by-cell and will display "Cards Only." In the event that the meter is inoperable, the meter will display "Out of Order."

4.1 EXPIRATION INDICATION

4.2 Enforcement shall be managed via flashing LEDs with a millicandela rating of 5000mcd or greater and 30 degrees or greater viewing angle, which shall be available on the back of the meter. Additional LEDs should also be available on the front of the meter to provide the user with a visual indicator of paid vs. unpaid status. Such a feature will also assist with on-street enforcement. The standard configuration will be GREEN for paid status and RED during expired time. Meters shall have ability to remotely program expiration grace period, duration of flashing LEDs, and other LED operating parameters via web-based management system.

IPS complies. IPS meters utilize highly visible LEDs in both the front (red, green and yellow) and the back (pairs of red, green and yellow) of the meter to provide a status indication for enforcement. The purpose of the rear facing LEDs are for in-car enforcement and larger distances. The front LEDs are for the user as well as enforcement. The LEDs are capable of being configured to a specific rate of flashing and can be turned on or off during paid, expired, idle and grace period.



5.1 COIN VALIDATION

5.2 Electronic parking meter shall be fully electronic with solid state components and straight down, free-fall coin chute. Standard coin recognition shall include, but is not limited to, US denominations of $0.05, $0.10, $0.25 and $1.00 coins. The meter should also incorporate a feature that will count invalid coins, such as washers, gaming tokens, etc., so that the City may monitor the areas where this kind of activity is taking place. No time will be given for these fraudulent coins.

IPS complies. The coin validator is an easily removable module that allows for straight-down, free fall coin validation. IPS has been in the payphone and parking business all over the world, and offers the very best in coin recognition technology. The various coin denominations are pre-programmed and can be changed remotely at the request of the customer.

5.3 The coin validator (also referred to as "coin acceptor") shall detect metallic as well as non-metallic jams. Jam clearance shall be accomplished without special tools or disassembly of the meter. The coin validator shall be a removable component for the purposes of clearing coin or other types of coin validator jams. Coins passing through the mechanism shall be deposited into the coin box in the meter vault when the mechanism is properly installed in the upper housing. In the event of a jam, the meter must have the ability to notify City staff of a jam via email, text message or both.

IPS complies. A unique feature of the IPS coin validator is the chute which is designed for foreign objects to be pushed through without disrupting operation. Additionally, easily-removable, clear validator allows for a visible inspection and removal of foreign objections if and when it occurs without the need for special tools.

6.1 POWER

6.2 Single space meters shall be equipped with an integrated solar panel recharge system. This solar panel will be incorporated into the inside of the meter housing, in order to prevent damage due to operating conditions or vandalism.

IPS complies. IPS meters are powered by a patented combination solar power and battery system, and have been proven to be the most power efficient smart single space meters on the market today. The solar panel on the back side of the meter allows for constant recharging of the battery with ambient light. This GREEN energy source provides a battery life which can last up to five years, depending on operating conditions and environmental factors. A nominal amount of ambient sunlight keeps the battery packs charged. Primary Cell technology keeps the unit operating, even with minimal sunlight and acts as the back-up battery.

6.3 Battery pack shall consist of a combination rechargeable/back-up battery pack to provide reliable, continuous, ongoing power and backup power so that the meter is functioning 100% of the time. Battery pack shall have a minimum life capability of 12-36 months without replacement (depending on wireless features enabled in single space meter model).

IPS complies. The battery pack consists of two parts – a rechargeable and a non-rechargeable part. Both items are being offered as separate parts for ease of replacement. The rechargeable battery serves as temporary buffer (a few days or weeks, depending on features enabled on the meter) to store surplus solar energy, whereas the non-rechargeable pack covers the meter's energy requirements when the solar charging system is not able to satisfy part or all of the meter's energy requirement for some extended time and the rechargeable battery becomes depleted.

7.1 CREDIT CARD PAYMENT

7.2 Payment with a credit card must utilize a hybrid card reader built into the single- space meter mechanism. The hybrid card reader will allow for use of both magnetic stripe credit card and smart card. Users will insert (smart card) or insert/remove (credit card) the card to start the payment process. Users will then have the ability to toggle up (add time) or down (less time) to select the amount of time to be purchased, up to the maximum and down to the minimum metered time. Users can then select "OK" to purchase, or can press "CANCEL" to stop the transaction.

Credit Card Processing

- IPS processes over 60 million credit card transactions annually
- Approximately $140 million in total City revenue in 2012 was generated by IPS meters
- IPS is level 1 PCI-DSS and PA-DSS certified

IPS complies. The card reader is a hybrid which allows for the magnetic stripe cards to be good for over 200,000 card swipes. Users maintain possession of the card throughout the entire transaction, and current installations have proven the IPS meter payment to be both convenient and intuitive, without any additional signage or public marketing campaigns required. In addition, customers have the option of making payments with any combination of the payment methods offered. The M5™ also features an OK and a Cancel button so that customers can approve or cancel the transaction.

7.3 For ease of installation and security, the credit card reader shall be integral to the mechanism design and shall not require any additional modification to the meter housing to install.

IPS complies.

7.4 The Contractor shall provide secure and reliable gateway service to provide for secure (encrypted) credit card data transmission to the City's merchant account provider.

IPS complies. IPS is Level 1 PCI-DSS certified payment gateway and is listed as a valid service provider for Visa Cardholder Information Security Program (CISP) and the MasterCard Site Data Protection (SDP) programs. Please see the Appendix for copies of our certifications.

7.5 Credit card data transmission shall meet the Payment Card Industry (PCI) Data Security Standards and Contractor shall provide evidence of PCI-DSS Level 1 certification.

IPS complies. Please see the Appendix for copies of our certifications.

7.6 If a third party vendor is used for the payment gateway services, Contractor must provide the name of the payment gateway provider, and the terms and conditions of Contractor's agreement with the gateway service provider must be included in the proposal. In addition, City

must be able to have access to gateway provider website in order to obtain bank submissions for credit card settlements.

N/A. IPS will provide the secure credit card gateway for the City. IPS is Level 1 PCI-DSS and PA-DSS certified. Current certifications are located in the appendix of this proposal.

8.1 WIRELESS DATA and MANAGEMENT SYSTEM CAPABILITIES

8.2 Each meter shall be individually capable of transmitting wireless data (3G or better modem) for the purposes of payment card processing, coin transactions, updates to the operating features and rate configuration of the meter, as well as fault notification. The wireless capability must be integral to the meter mechanism design and shall not require a secondary connection to a wireless device. Such communication will be accomplished without any additional networking equipment that would need to be installed on City street poles or any other location, such as buildings, etc.

IPS complies. The IPS meter utilizes the cellular network for all credit card processing and data transmissions (such as rate configurations, sensor info, fault notifications, etc.) The cellular radio is designed as part of the meter mechanism and does not require a secondary connection to a wireless device. No networking equipment is needed for the meters and vehicle detection sensors communicate directly to the meter (no mesh network needed).

8.3 Updates to meter software, such as meter firmware and operating software, must be able to be performed wirelessly and will not require City staff to interface with each individual meter to accomplish such an update. Any costs associated with software upgrades must be submitted prior to implementation.

IPS complies. All software and firmware upgrades will be performed wirelessly as they become available, free of charge to the City.

8.4 The single-space meter management system shall not be dependent on the interaction of individual handheld devices and each meter in the field. Management system shall be completely web-based system accessible via desktop computer, laptop computer, or handheld wireless device to authorized personnel. No additional software other than an Internet browser shall be required for the management system to be accessed and fully used in conjunction with the single-space meter products. This shall provide access to the meter management system from authorized user 24/7 over the web.

The IPS web-based Data Management System highlights revenue reporting and equipment monitoring through administrative, financial, and technical reports. The DMS is available 24/7 over the web to authorized users.

- Hardware requirements: IPS is providing a hosted DMS, there is no local hardware required other than internet access.
- Network requirements: IPS recommends a high-speed internet connection to the DMS service, such as cable or DSL access.
- Operating system software requirements: IPS DMS only requires an internet browser to access the system. Window or Apple iOS are typical.
- Browser requirements: Any current version of internet browser will be sufficient to access the IPS DMS. MS Explorer, Mozilla Firefox, Google Chrome, iOS supported browsers are all compatible, including mobile phone browsers.

8.5 Management system shall provide a variety of reports to include financial, technical, and administrative functions via a single web-portal. No additional software will be required to access and update the meter system, other than access to an Internet browser.

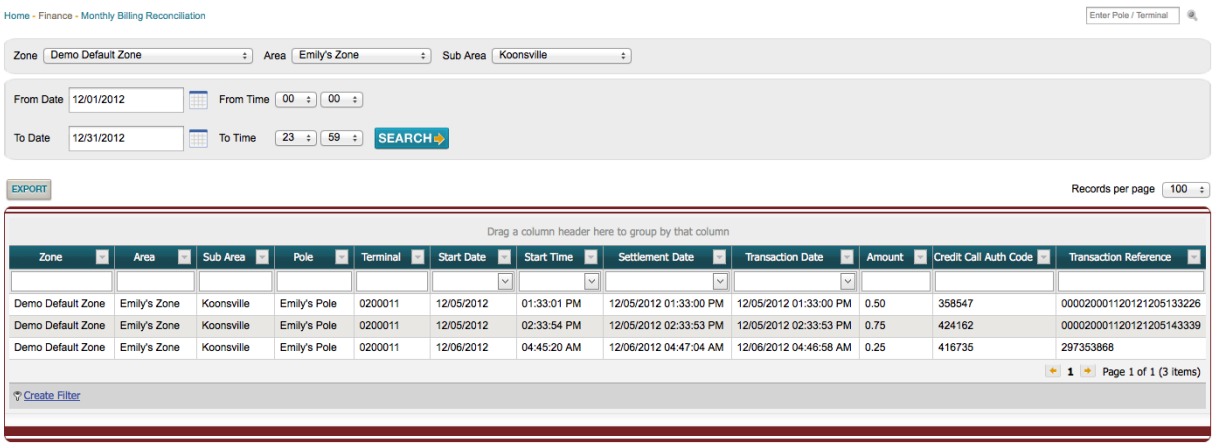
IPS complies. Each IPS single space parking meter is integrated into the web-based DMS in which the data is stored on central servers hosted by IPS. This data transfer happens automatically and does not require personnel to interface with each meter to retrieve data. This data is available via a secure web-based portal and a username and password. We provide a full set of data and Management, Financial and Maintenance Reports, and the data can be exported into other software packages such as MS Excel, MS Access, CSV, etc. should the City have any specific requirements. Some of the most common management system reports include: Daily, Weekly, Monthly and Annual Total Revenue Reports from the City level down to meter level, by payment type; Daily / Monthly credit card auditing and reconciliation, types used and searches; Coin collection by date, routes, collector; Monthly Citywide statistics for meters, average number and value of transactions.

Reports shall include, but are not limited to: (Limited examples given below. Additional reports are given in the Appendix of this proposal)

1. Credit card reconciliation (daily, weekly, monthly, annually)

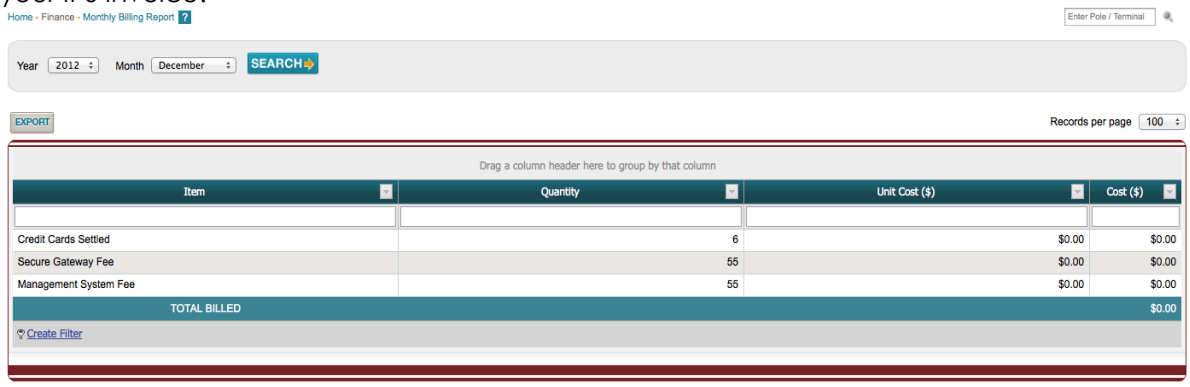
Monthly Billing Reconciliation

The monthly billing reconciliation demonstrates monthly billing information such as credit card transaction date and settlement date.



Monthly Billing Report

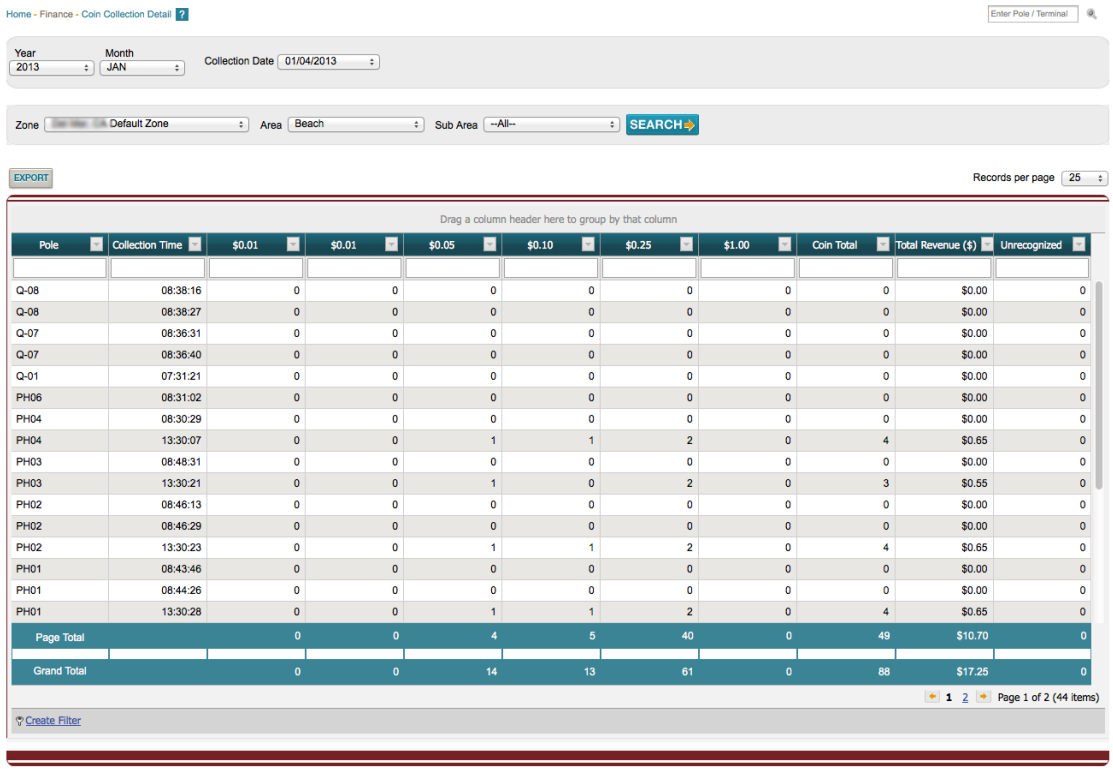
This report allows you to reconcile your monthly invoice received from IPS to the DMS details. The amount of credit card transactions, gateway fees, and DMS fees will correspond line by line to your IPS invoice.



2. Cash collection reports (by date, time, pole, and collector)

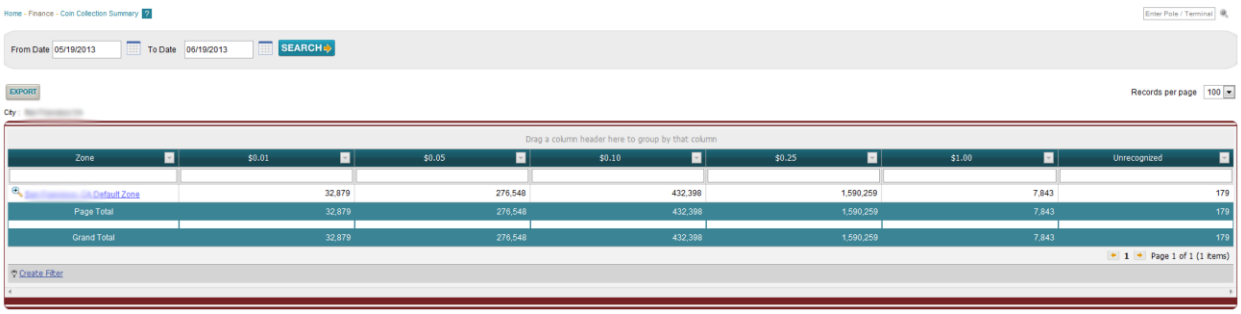
Coin Collection Detail

This report displays the coin collection information for each day in which a collection was performed. All available days for which a collection was performed will be displayed in the Collection Date drop-down list. The user can select a collection from a different month and year using the Year and Month drop-down list as well as sorting by zone, area and sub area. By default, all meters collected will be displayed. Similar to other reports, the coin collection detail report has the functionality to be sorted in ascending/descending order as well as sorting by specific information, similar to MS Excel Pivot Tables. This report gives the user the ability to see all the meters collected within specific routes, dates, etc.



Coin Collection Summary

This report generates the coin collection between two dates chosen by the user. Basically, this report determines how much money was collected at the meters during those dates. Within this report as well as others, the user has the ability to further segment the data by zone, area or sub area, including amounts collected from individual meters by clicking on the blue hyperlinks. This report shows the amount of coins broken down by the value.



Coin Collection Routes

Below is an example of collection broken into routes and coin collection detail given by pole (meter).

Home - Routes - Coin Collection Routes

Enter Pole / Terminal

Route 101 Collection Date 01/14/2013 SEARCH

EXPORT

Records per page 10

Drag a column header here to group by that column

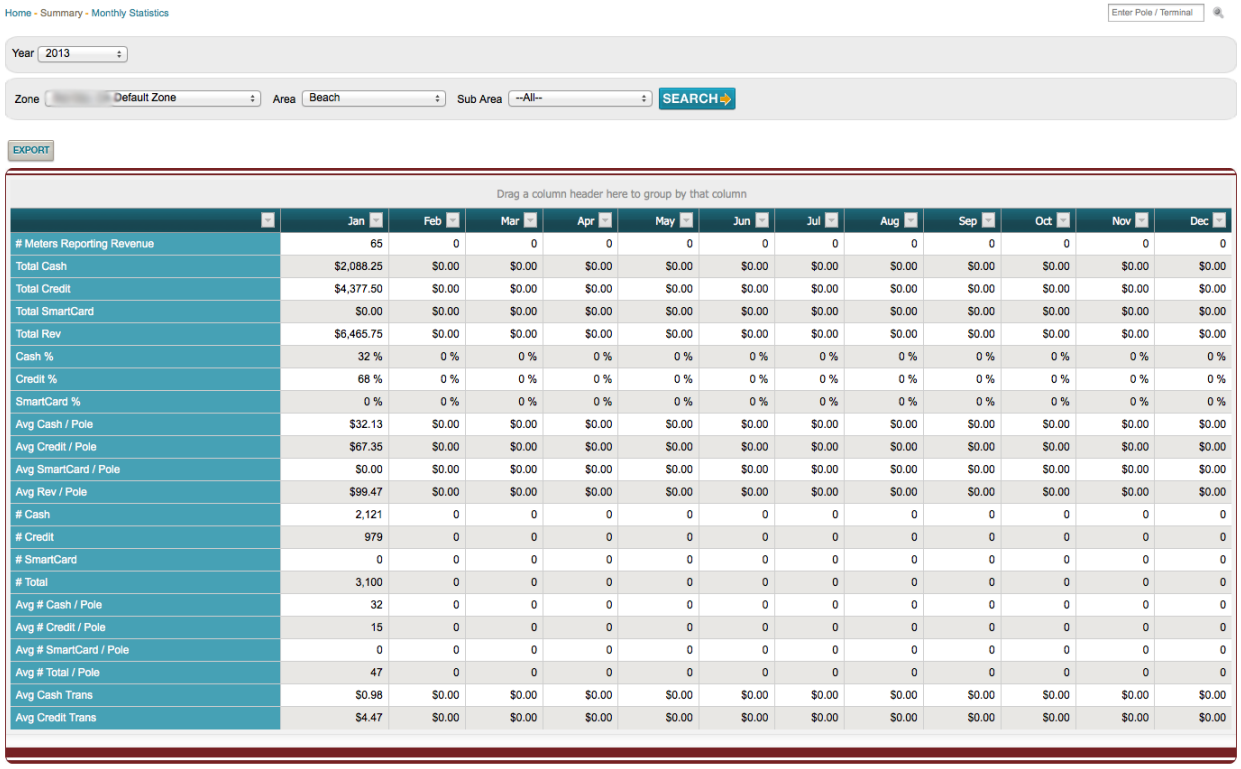
Pole	Collection Time	$0.05	$0.10	$0.25	$1.00	Coin Total	Total Revenue ($)	Unrecognized	Invalid Revenue
722-22080	07:22:18	2	9	49	0	61	13.26	0	0.01
722-22050	07:21:57	7	34	39	0	80	13.50	0	0.00
722-22030	07:21:47	24	29	74	5	132	27.60	0	0.00
722-22010	07:21:39	2	9	22	0	34	6.51	0	0.01
722-21270	07:36:25	2	0	4	0	6	1.10	0	0.00
722-21250	07:36:17	6	13	79	0	105	21.42	0	0.07
722-21230	07:36:05	7	21	26	0	54	8.95	0	0.00
722-21190	07:36:02	22	22	58	0	102	17.80	0	0.00
722-21170	07:35:40	9	9	41	0	59	11.60	0	0.00
722-21150	07:35:26	2	13	66	1	83	18.91	0	0.01
Page Total		83	159	458	6	716	$ 140.65	0	$ 0.10
Grand Total		2,202	3,596	13,409	80	19,438	$ 3,903.46	2	$ 1.51

1 2 3 4 5 6 7 ... 26 27 28 Page 1 of 28 (280 items)

3. Revenue Summary reports (daily, weekly, monthly, annually, by zone, route, street or pole)

Monthly Statistics

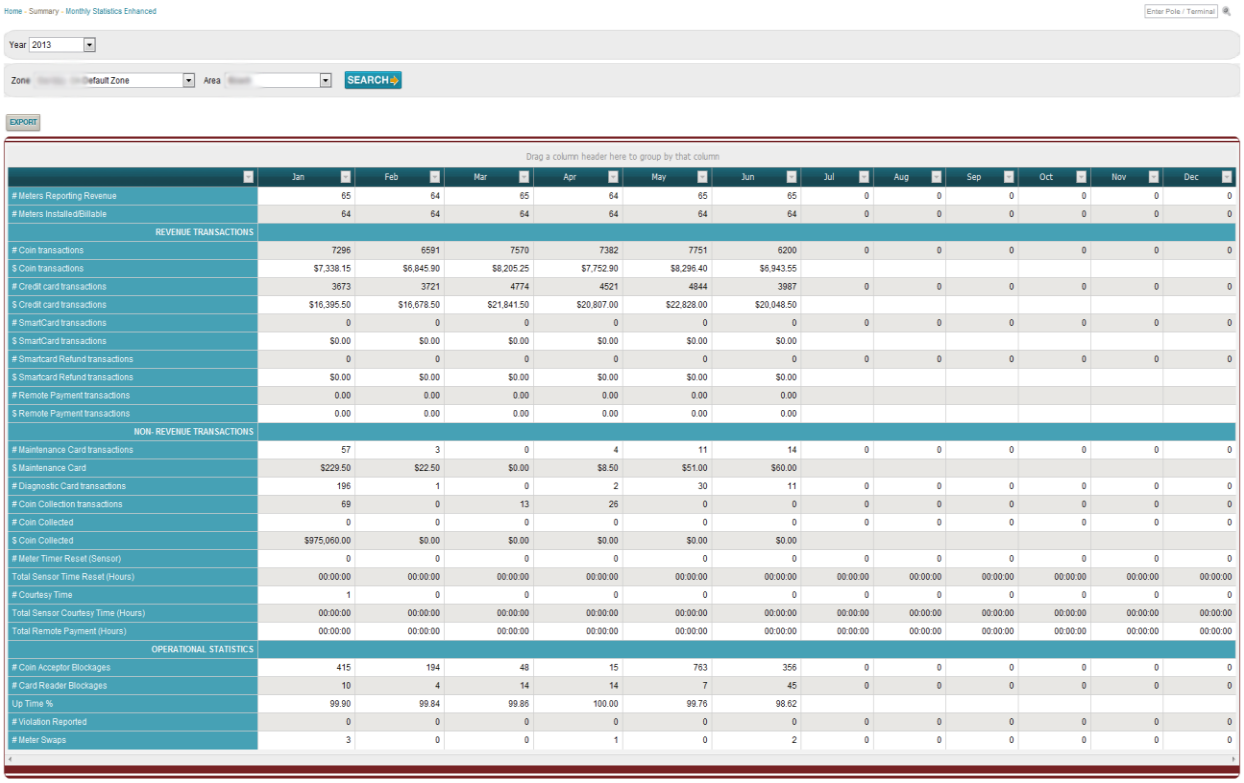
This report displays various financial statistics by month in a selected year. Using this page is helpful to get a snapshot of financial instances in which customers would like to know the information. For example, in the month of January, the credit card usage percentage was 68% versus the cash percentage of 32%.



	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
# Meters Reporting Revenue	65	0	0	0	0	0	0	0	0	0	0	0
Total Cash	$2,088.25	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Total Credit	$4,377.50	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Total SmartCard	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Total Rev	$6,465.75	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Cash %	32 %	0 %	0 %	0 %	0 %	0 %	0 %	0 %	0 %	0 %	0 %	0 %
Credit %	68 %	0 %	0 %	0 %	0 %	0 %	0 %	0 %	0 %	0 %	0 %	0 %
SmartCard %	0 %	0 %	0 %	0 %	0 %	0 %	0 %	0 %	0 %	0 %	0 %	0 %
Avg Cash / Pole	$32.13	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Avg Credit / Pole	$67.35	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Avg SmartCard / Pole	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Avg Rev / Pole	$99.47	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
# Cash	2,121	0	0	0	0	0	0	0	0	0	0	0
# Credit	979	0	0	0	0	0	0	0	0	0	0	0
# SmartCard	0	0	0	0	0	0	0	0	0	0	0	0
# Total	3,100	0	0	0	0	0	0	0	0	0	0	0
Avg # Cash / Pole	32	0	0	0	0	0	0	0	0	0	0	0
Avg # Credit / Pole	15	0	0	0	0	0	0	0	0	0	0	0
Avg # SmartCard / Pole	0	0	0	0	0	0	0	0	0	0	0	0
Avg # Total / Pole	47	0	0	0	0	0	0	0	0	0	0	0
Avg Cash Trans	$0.98	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Avg Credit Trans	$4.47	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00

Monthly Statistics Enhanced

This report is a more detailed report of the monthly statistics page. This is broken down into revenue transactions, non-revenue transactions as well as operational statistics.



Home - Summary - Monthly Statistics Enhanced

Enter Pole / Terminal

Year 2013

Zone [redacted]efault Zone Area [redacted] SEARCH

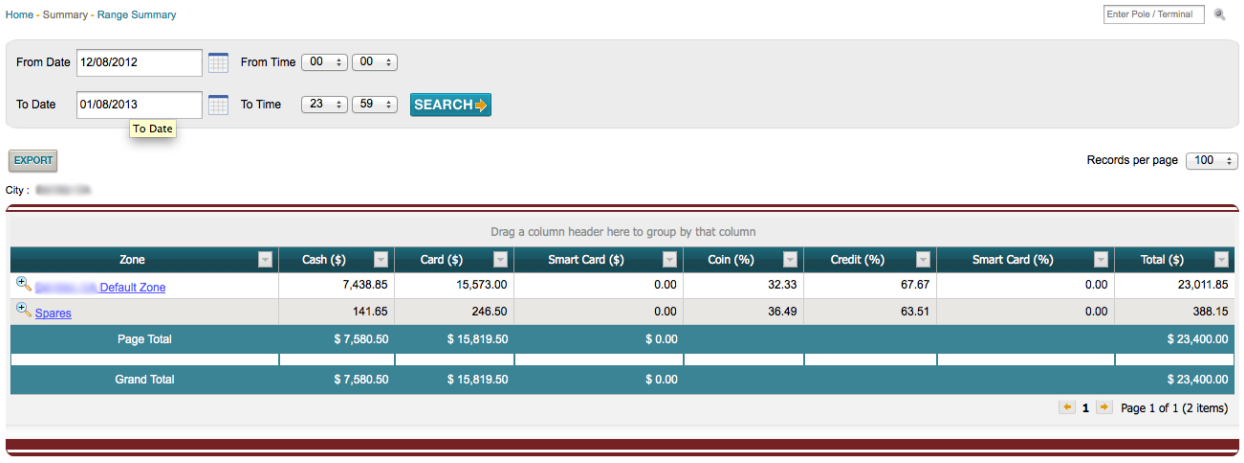
EXPORT

Drag a column header here to group by that column

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
# Meters Reporting Revenue	65	64	65	64	65	65	0	0	0	0	0	0
# Meters Installed/Billable	64	64	64	64	64	64	0	0	0	0	0	0
REVENUE TRANSACTIONS												
# Coin transactions	7296	6591	7570	7382	7751	6200	0	0	0	0	0	0
$ Coin transactions	$7,338.15	$6,845.90	$8,205.25	$7,752.90	$8,296.40	$6,943.55						
# Credit card transactions	3673	3721	4774	4521	4844	3987	0	0	0	0	0	0
$ Credit card transactions	$16,395.50	$16,678.50	$21,841.50	$20,807.00	$22,828.00	$20,048.50						
# SmartCard transactions	0	0	0	0	0	0	0	0	0	0	0	0
$ SmartCard transactions	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00						
# Smartcard Refund transactions	0	0	0	0	0	0	0	0	0	0	0	0
$ Smartcard Refund transactions	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00						
# Remote Payment transactions	0.00	0.00	0.00	0.00	0.00	0.00						
$ Remote Payment transactions	0.00	0.00	0.00	0.00	0.00	0.00						
NON- REVENUE TRANSACTIONS												
# Maintenance Card transactions	57	3	0	4	11	14	0	0	0	0	0	0
$ Maintenance Card	$229.50	$22.50	$0.00	$8.50	$51.00	$60.00						
# Diagnostic Card transactions	196	1	0	2	30	11	0	0	0	0	0	0
# Coin Collection transactions	69	0	13	26	0	0	0	0	0	0	0	0
# Coin Collected	0	0	0	0	0	0	0	0	0	0	0	0
$ Coin Collected	$975,060.00	$0.00	$0.00	$0.00	$0.00	$0.00						
# Meter Timer Reset (Sensor)	0	0	0	0	0	0	0	0	0	0	0	0
Total Sensor Time Reset (Hours)	00:00:00	00:00:00	00:00:00	00:00:00	00:00:00	00:00:00	00:00:00	00:00:00	00:00:00	00:00:00	00:00:00	00:00:00
# Courtesy Time	1	0	0	0	0	0	0	0	0	0	0	0
Total Sensor Courtesy Time (Hours)	00:00:00	00:00:00	00:00:00	00:00:00	00:00:00	00:00:00	00:00:00	00:00:00	00:00:00	00:00:00	00:00:00	00:00:00
Total Remote Payment (Hours)	00:00:00	00:00:00	00:00:00	00:00:00	00:00:00	00:00:00	00:00:00	00:00:00	00:00:00	00:00:00	00:00:00	00:00:00
OPERATIONAL STATISTICS												
# Coin Acceptor Blockages	415	194	48	15	763	356	0	0	0	0	0	0
# Card Reader Blockages	10	4	14	14	7	45	0	0	0	0	0	0
Up Time %	99.90	99.84	99.86	100.00	99.76	98.62						
# Violation Reported	0	0	0	0	0	0	0	0	0	0	0	0
# Meter Swaps	3	0	0	1	0	2	0	0	0	0	0	0

Range Summary

This report shows the revenue totals, breaking down each payment type by amount and percentage. Once again, the data may be filtered to show various zones, areas, and subareas.



Home - Summary - Range Summary

Enter Pole / Terminal

From Date 12/08/2012 From Time 00 00

To Date 01/08/2013 To Time 23 59 SEARCH

To Date

EXPORT

Records per page 100

City : [redacted]

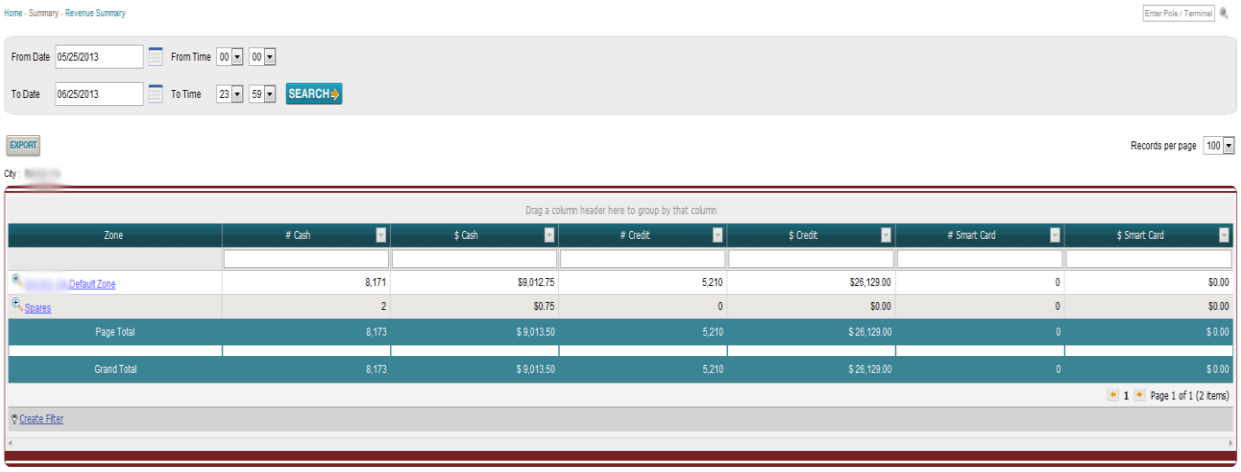
Drag a column header here to group by that column

Zone	Cash ($)	Card ($)	Smart Card ($)	Coin (%)	Credit (%)	Smart Card (%)	Total ($)
[redacted] Default Zone	7,438.85	15,573.00	0.00	32.33	67.67	0.00	23,011.85
Spares	141.65	246.50	0.00	36.49	63.51	0.00	388.15
Page Total	$ 7,580.50	$ 15,819.50	$ 0.00				$ 23,400.00
Grand Total	$ 7,580.50	$ 15,819.50	$ 0.00				$ 23,400.00

1 Page 1 of 1 (2 items)

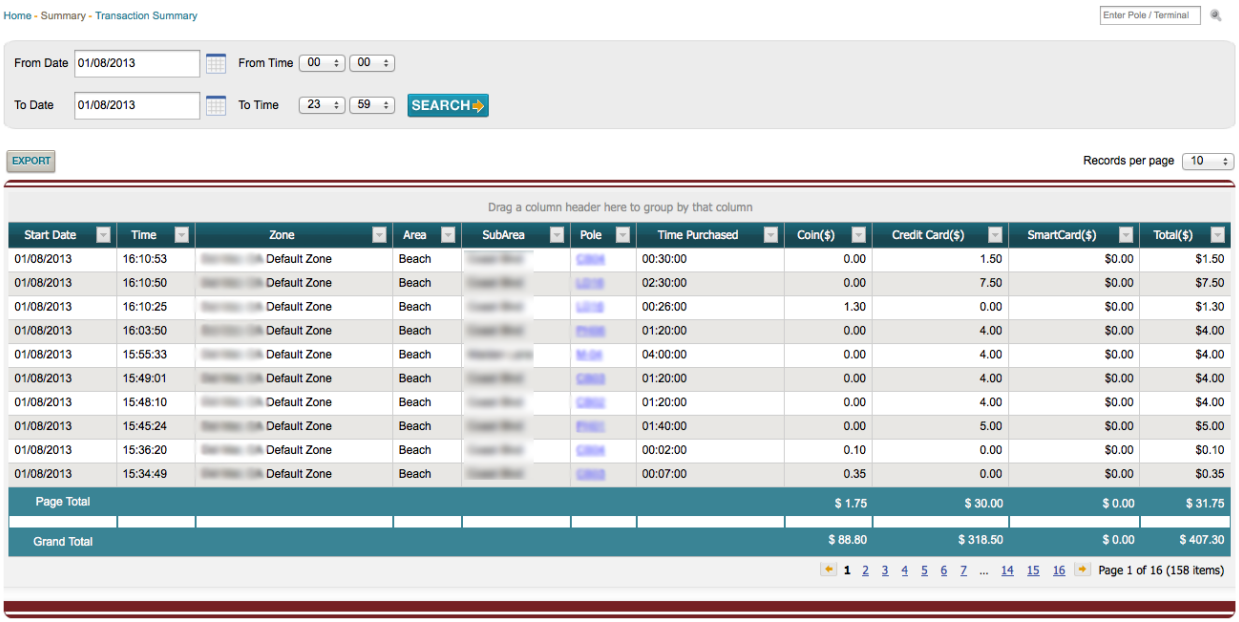
Revenue Summary

The revenue summary page displays a breakdown of the amount of money collected by cash, credit card, and smart cards as well as the number of transactions for a specific zone.



Transaction Summary

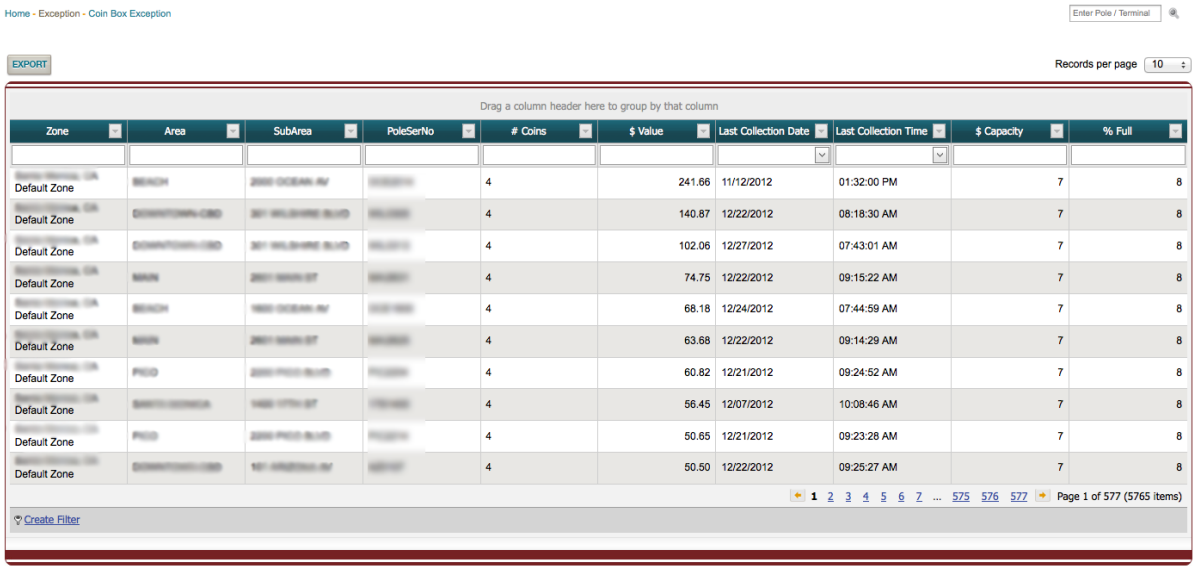
This report displays all transactions between two dates. The data may be filtered to show various zones, areas and subareas



4. Coin box level (% full)

Coin Box Exception

Below is an example of one report which demonstrates the coin box percentage full. Alerts will be set to designated staff when the coin box reaches customized capacity level (i.e. 80%).



Zone	Area	SubArea	PoleSerNo	# Coins	$ Value	Last Collection Date	Last Collection Time	$ Capacity	% Full
Default Zone				4	241.66	11/12/2012	01:32:00 PM	7	8
Default Zone				4	140.87	12/22/2012	08:18:30 AM	7	8
Default Zone				4	102.06	12/27/2012	07:43:01 AM	7	8
Default Zone				4	74.75	12/22/2012	09:15:22 AM	7	8
Default Zone				4	68.18	12/24/2012	07:44:59 AM	7	8
Default Zone				4	63.68	12/22/2012	09:14:29 AM	7	8
Default Zone				4	60.82	12/21/2012	09:24:52 AM	7	8
Default Zone				4	56.45	12/07/2012	10:08:46 AM	7	8
Default Zone				4	50.65	12/21/2012	09:23:28 AM	7	8
Default Zone				4	50.50	12/22/2012	09:25:27 AM	7	8

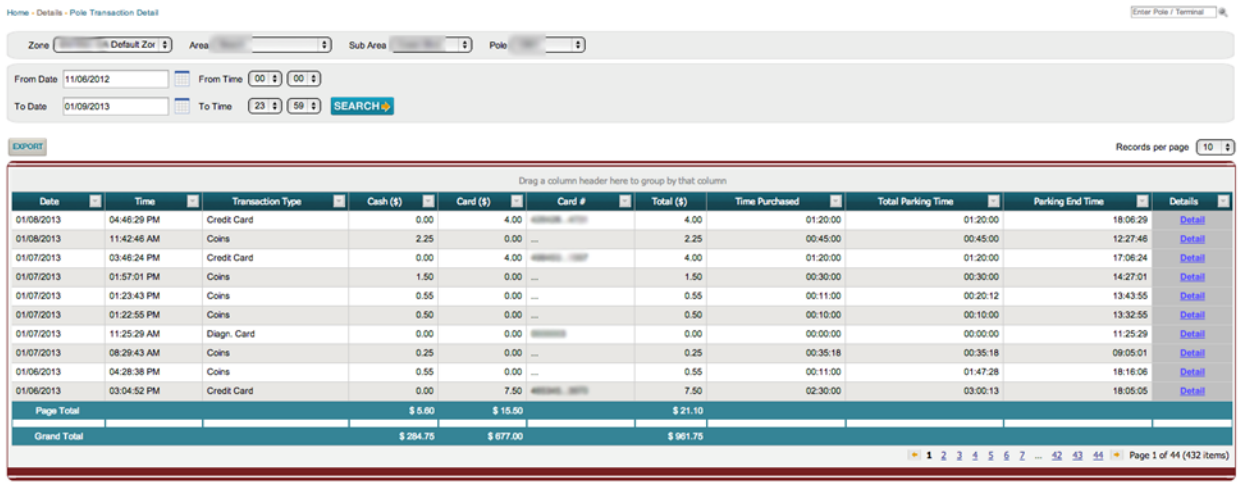
1 2 3 4 5 6 7 ... 575 576 577 Page 1 of 577 (5765 items)

Create Filter

5. Individual transactions (cash or credit) by pole

Pole Transaction Detail

This report shows detailed transaction information for a specific pole location. The user enters the zone, area, subarea, pole and the date range.



Date	Time	Transaction Type	Cash ($)	Card ($)	Card #	Total ($)	Time Purchased	Total Parking Time	Parking End Time	Details
01/08/2013	04:46:29 PM	Credit Card	0.00	4.00		4.00	01:20:00	01:20:00	18:06:29	Detail
01/08/2013	11:42:46 AM	Coins	2.25	0.00	...	2.25	00:45:00	00:45:00	12:27:46	Detail
01/07/2013	03:46:24 PM	Credit Card	0.00	4.00		4.00	01:20:00	01:20:00	17:06:24	Detail
01/07/2013	01:57:01 PM	Coins	1.50	0.00	...	1.50	00:30:00	00:30:00	14:27:01	Detail
01/07/2013	01:23:43 PM	Coins	0.55	0.00	...	0.55	00:11:00	00:20:12	13:43:55	Detail
01/07/2013	01:22:55 PM	Coins	0.50	0.00	...	0.50	00:10:00	00:10:00	13:32:55	Detail
01/07/2013	11:25:29 AM	Diagn. Card	0.00	0.00		0.00	00:00:00	00:00:00	11:25:29	Detail
01/07/2013	08:29:43 AM	Coins	0.25	0.00	...	0.25	00:35:18	00:35:18	09:05:01	Detail
01/06/2013	04:28:38 PM	Coins	0.55	0.00	...	0.55	00:11:00	01:47:28	18:16:06	Detail
01/06/2013	03:04:52 PM	Credit Card	0.00	7.50		7.50	02:30:00	03:00:13	18:05:05	Detail
Page Total			$ 5.60	$ 15.50		$ 21.10				
Grand Total			$ 284.75	$ 677.00		$ 961.75				

1 2 3 4 5 6 7 ... 42 43 44 Page 1 of 44 (432 items)

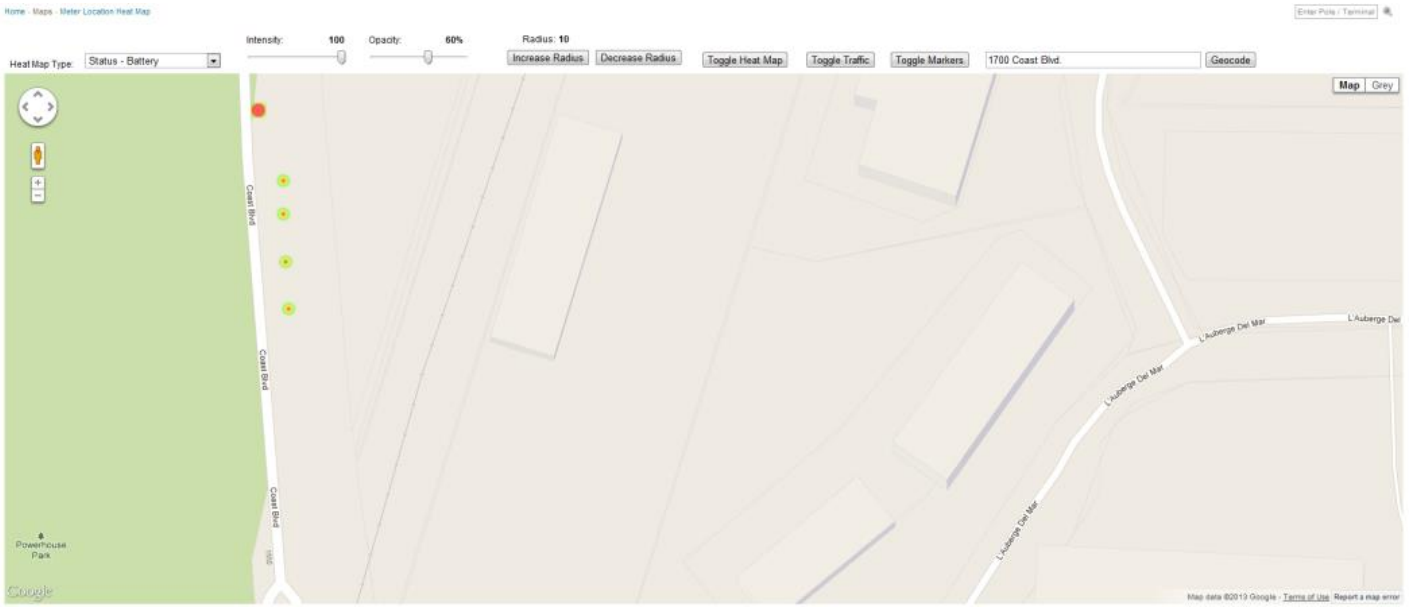
6. GPS location of meters on a map with statistical mouse-over feature

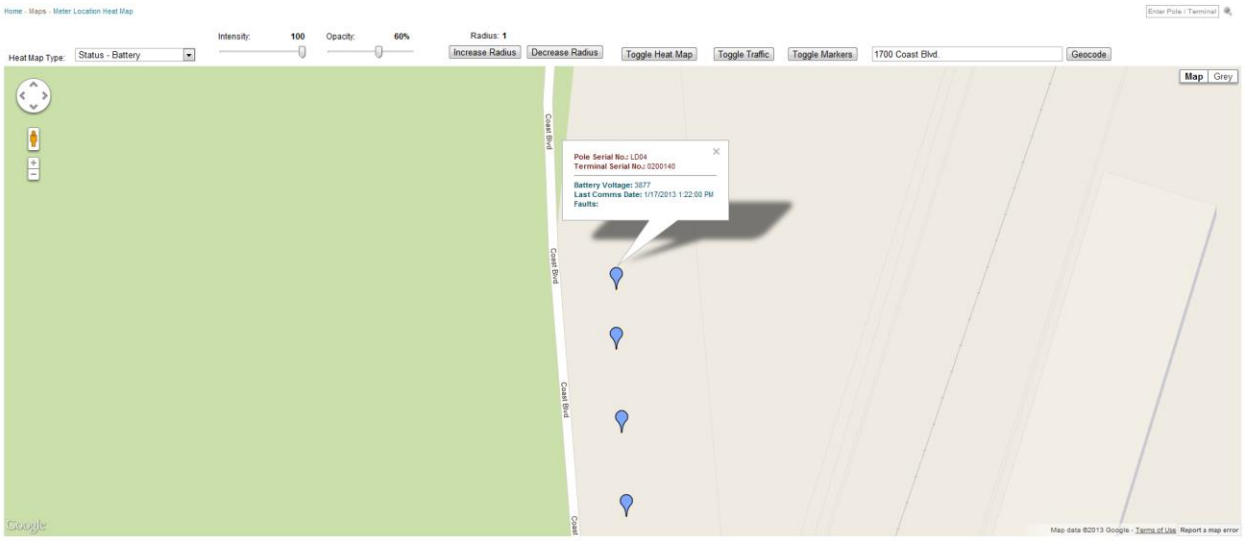
The management system provides an easy way to view your meters using Google Maps. Select a zone, an area, and subarea to get detailed pole information. Each pole location is mapped to its physical location via GPS coordinates. Maps can be displayed as heat maps or street view, and can highlight status of the meters (such as battery faults), errors, and financial status of each meter. Examples are given below.

Meter Location Heat Map

Within this status map, heat dots indicate the locations of the meters. There are multiple varieties and heat map types that the user can select. In addition to seeing the heat dots, the user has the ability to put the map into the toggle feature (which allows for the blue bubbles to appear, please see below).

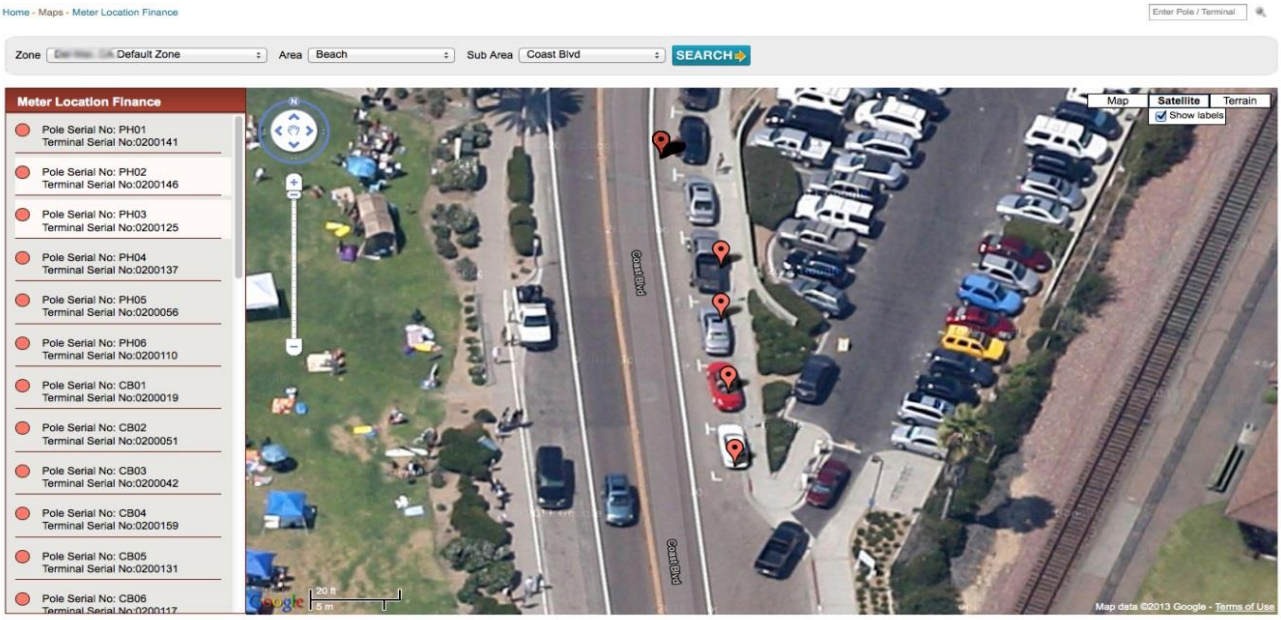
The below graph represents the life status of the battery and allows for the user to get a quick snap shot of battery life. For example, the top red dot of the map has a low battery life, thus meaning the redder the dot, the more critical the status of the battery life.



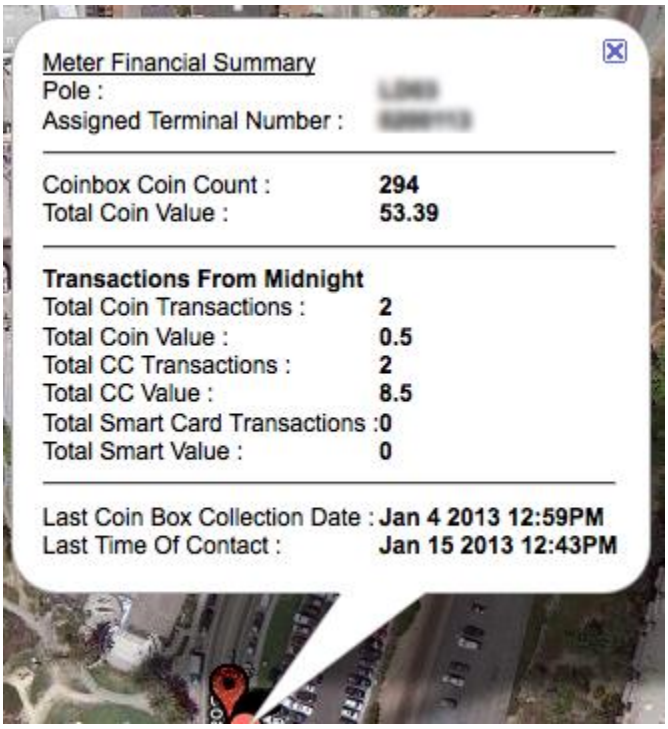


Meter Locations Finance

Below is an example of a report which allows for the ability to check the meter financial summaries through a street view. Using this map feature allows for the user to see the specific location visually versus in a report; however, the report feature is still available for users as well. The user has the ability to look for a specific location and find out quick bits of data by zone, area, and subarea.



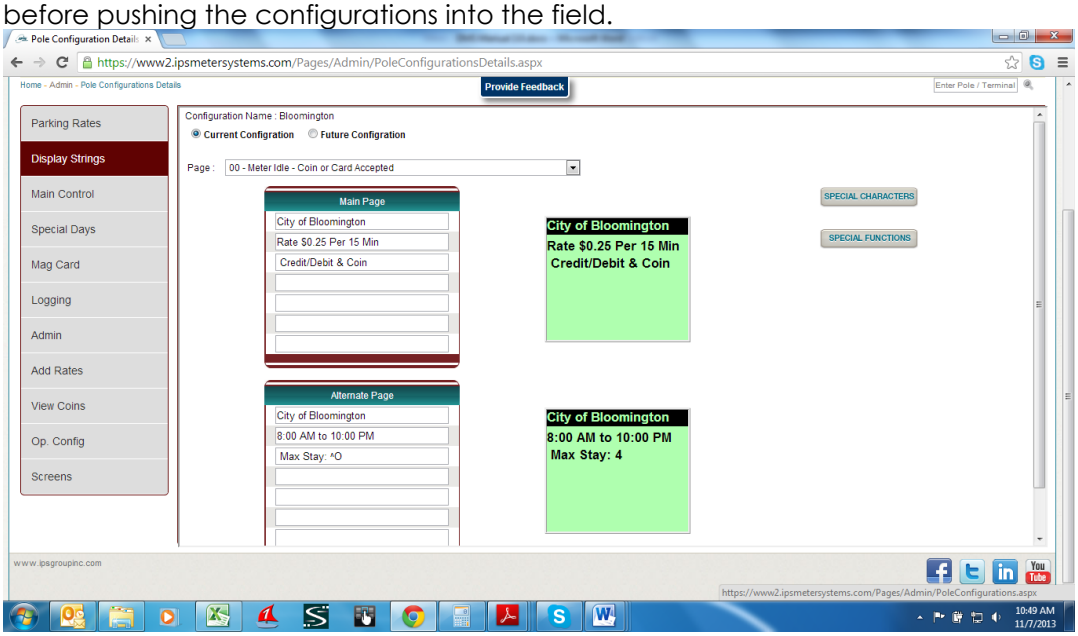
Within the meter financial summary bubble, the following information will be displayed:



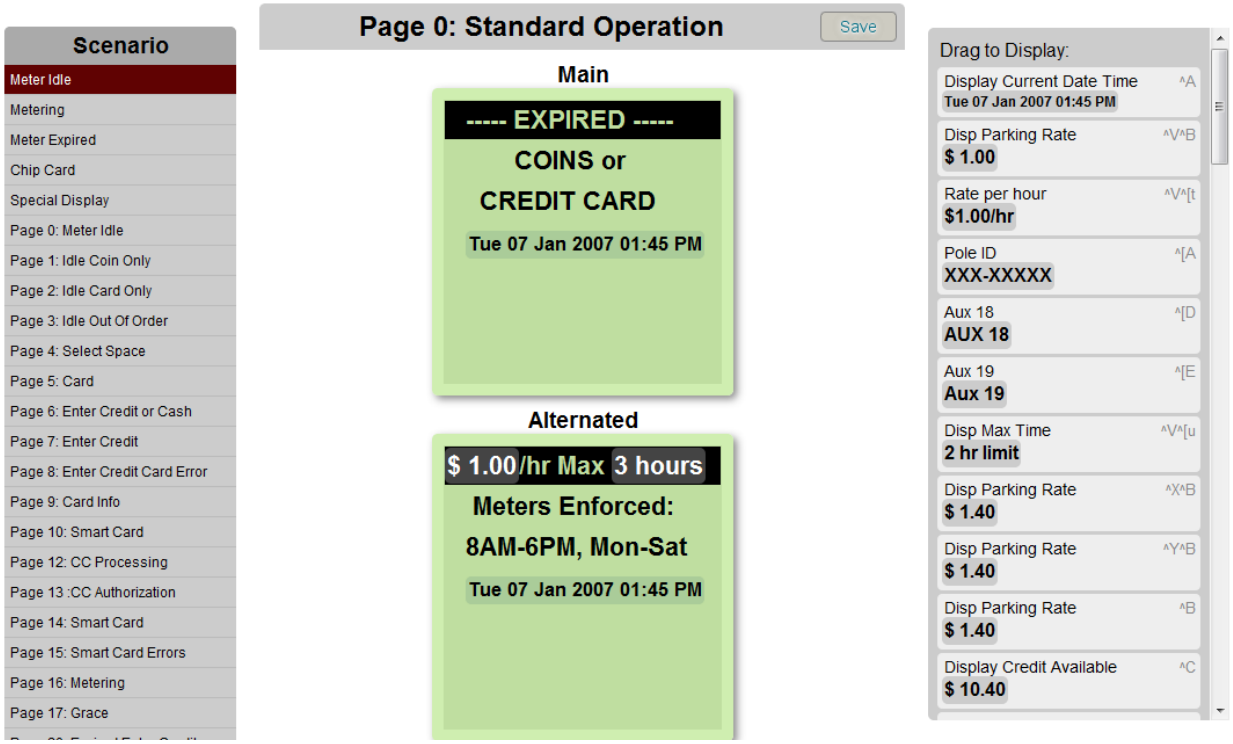
7. Ability to change text on LCD remotely

Pole Configuration Detail – Display Strings

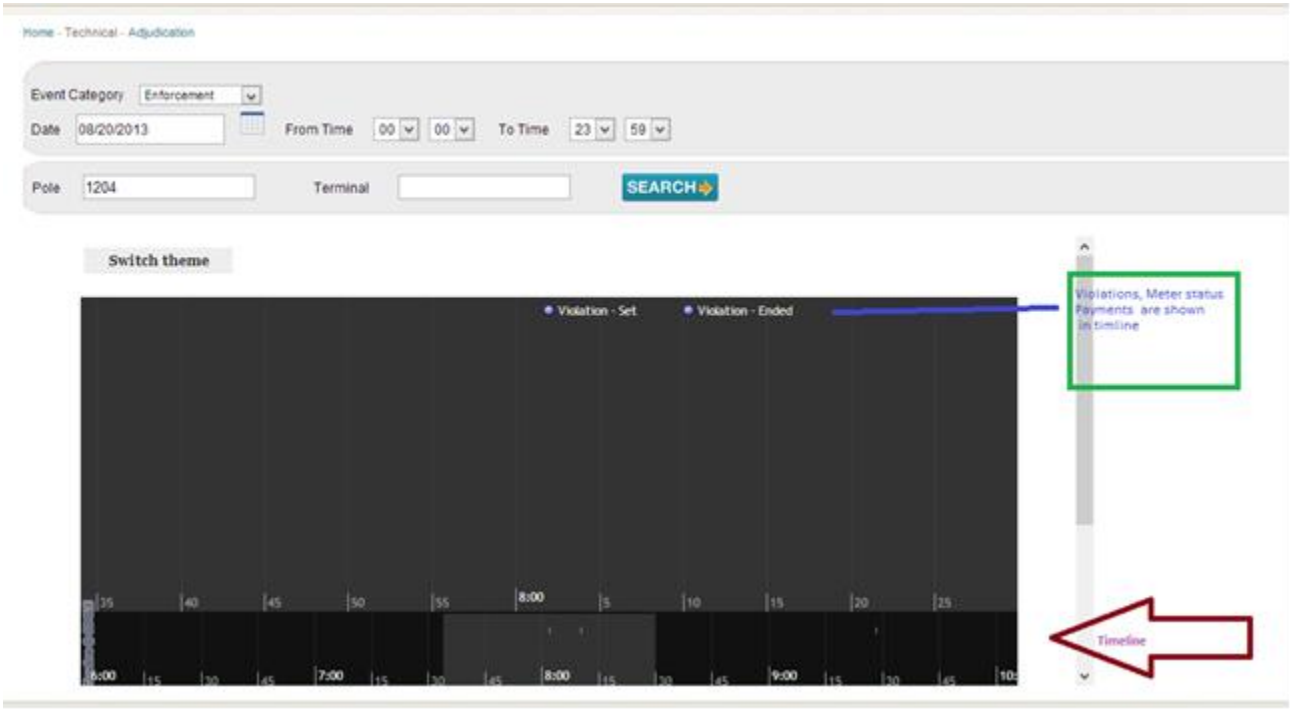
Configurations for the meter's display screen are done remotely via any web-based internet capable device. Below is an example of our intuitive meter configuration screen, where the user can build configurations (including messages) and view them in a virtual environment before pushing the configurations into the field.



In the configurations menu, the DMS allows the user to drag and drop the configuration (new feature). Using this allows the customer to see exactly how the screen is going to appear before doing a communications test on the meter.



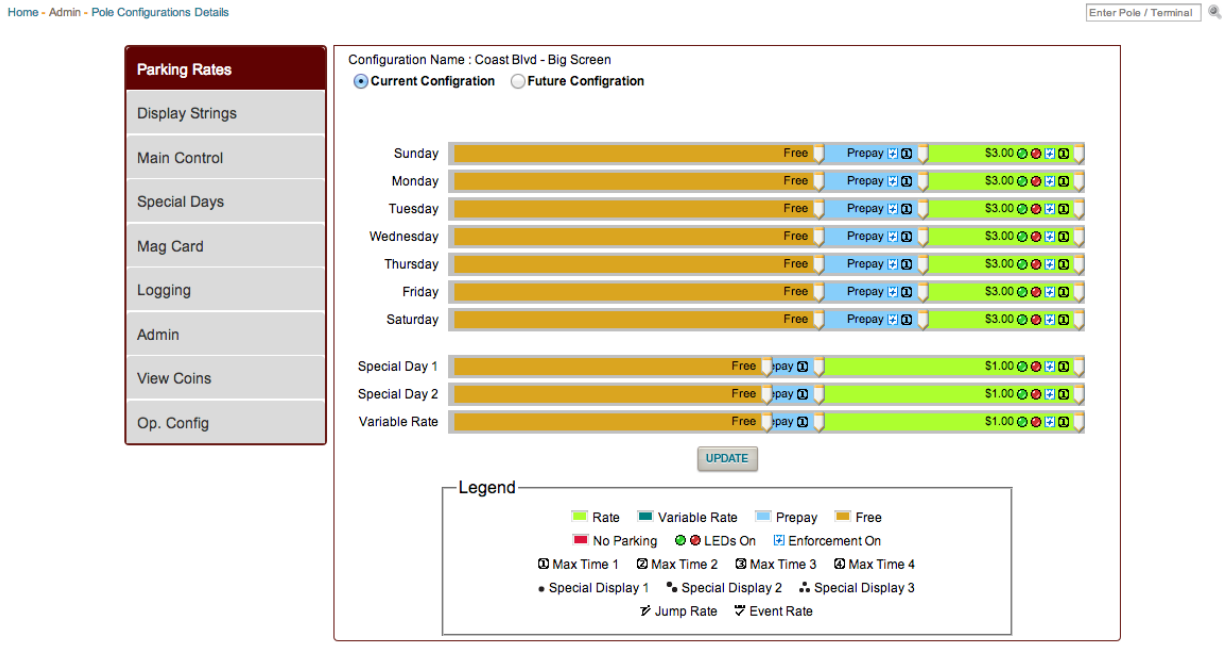
8. Adjudication Reports



9. Ability to change rates and other operating parameters remotely via the internet

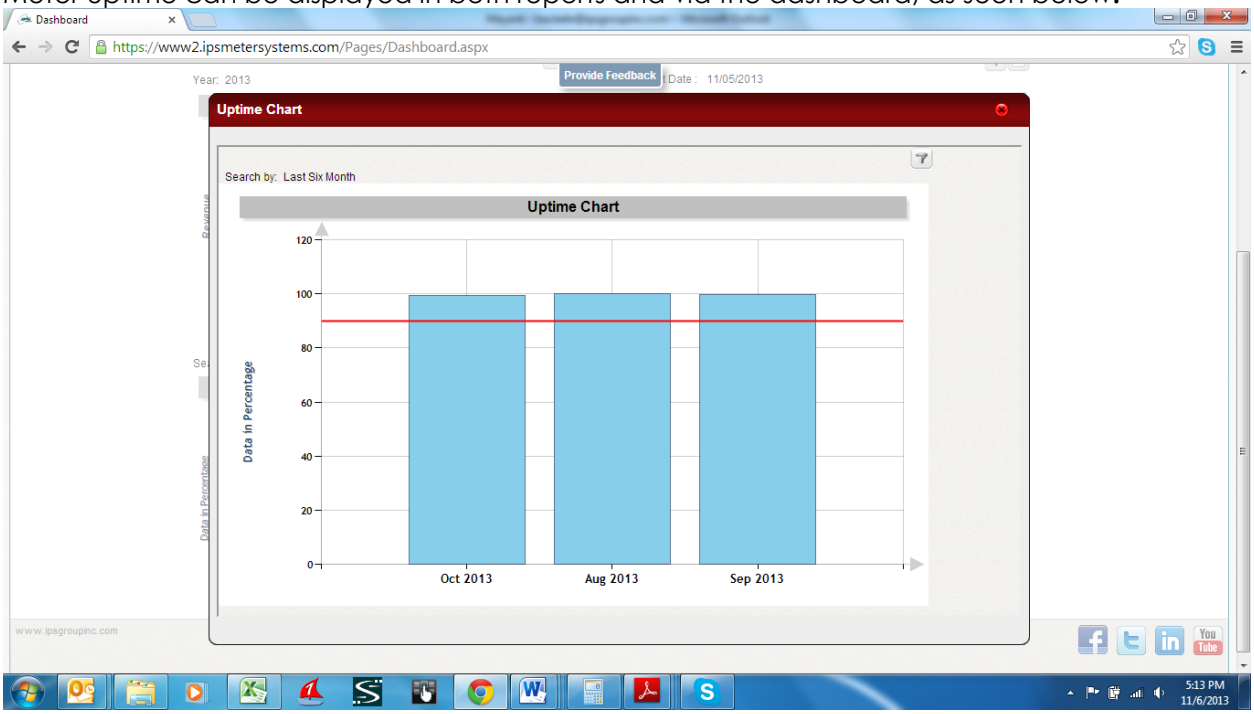
Pole Configuration Details – Parking Rates

Rate changes and operating parameters are programmed remotely using the intuitive parking rate configuration tool seen below.



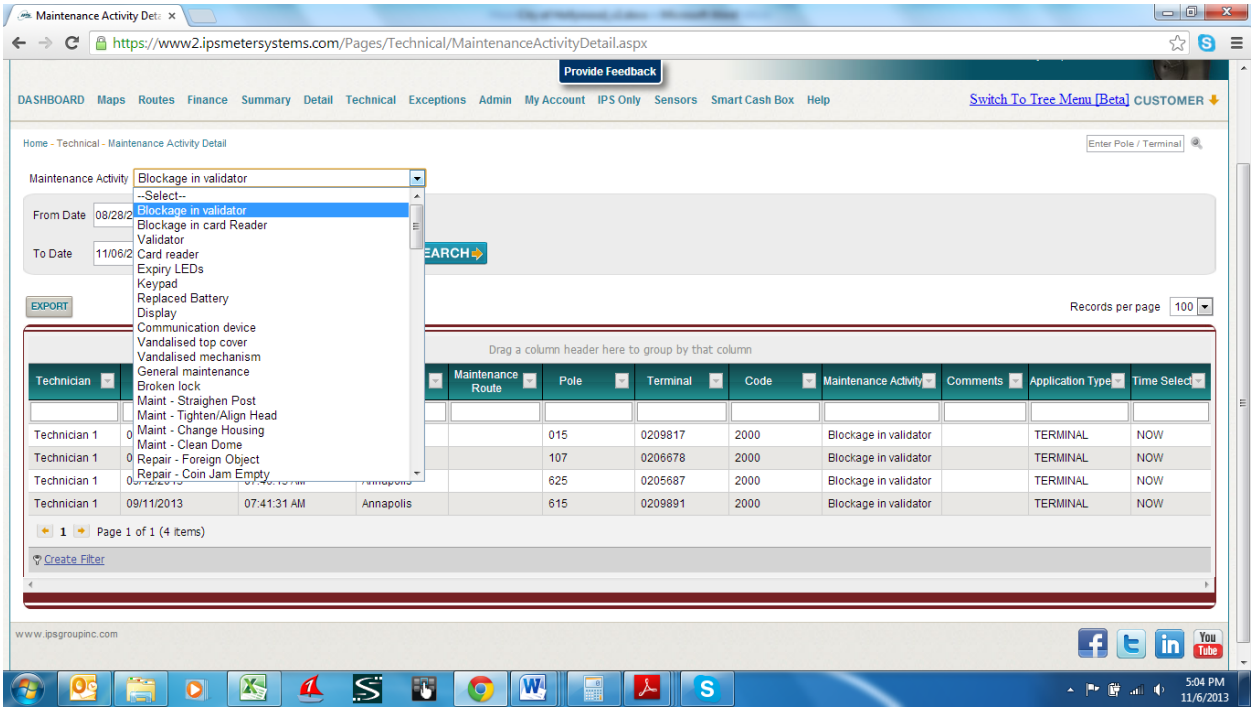
10. Meter uptime (over time, by zone, street, and pole)

Meter uptime can be displayed in both reports and via the dashboard, as seen below.

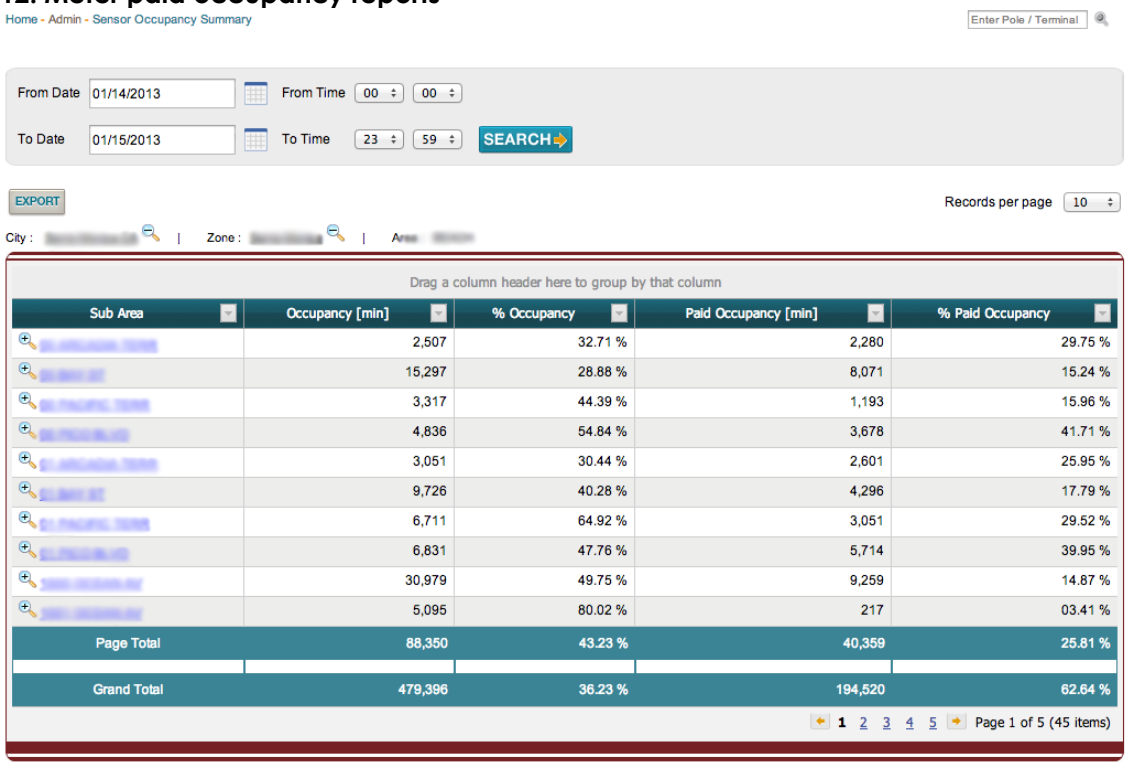


11. Maintenance software for logging Service requirements over time

Maintenance logging can also be done using the IPS Meter Maintenance Application, which will log events in the maintenance activity reports.



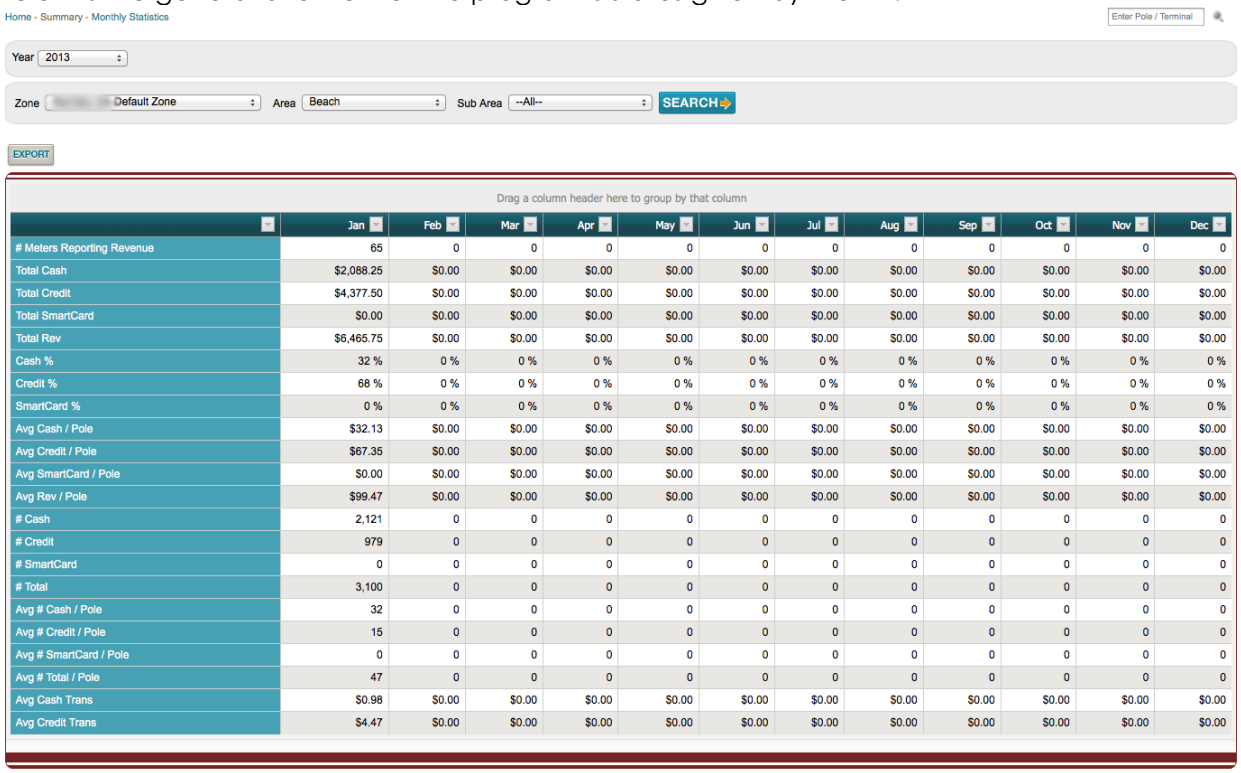
12. Meter paid occupancy reports



13. Cumulative totals of all cash and card transactions & percentage of total

Monthly Statistics

Below is the general overview of the program's status given by month.

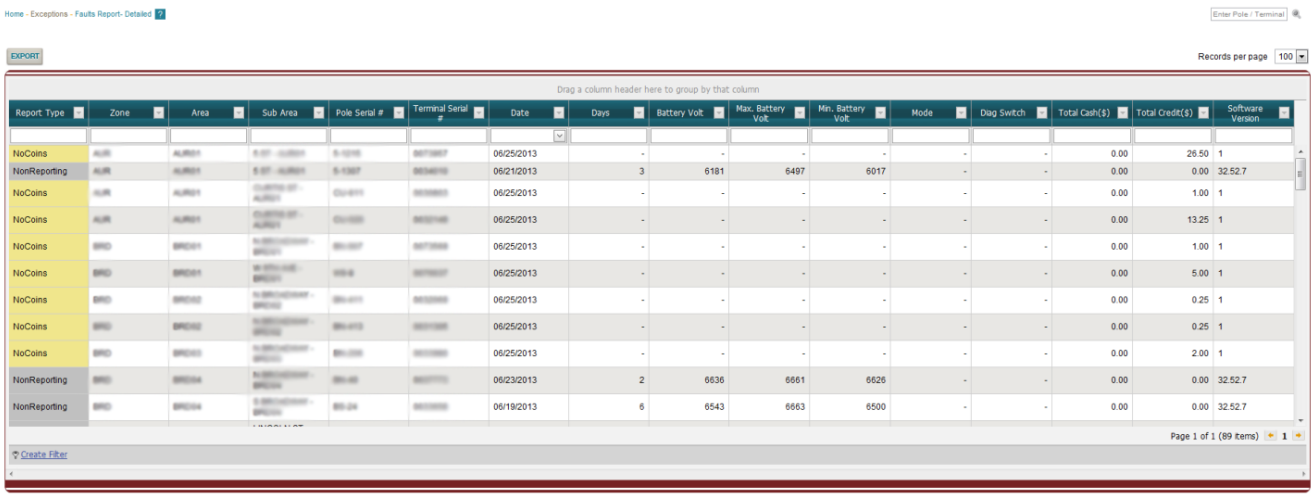


	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
# Meters Reporting Revenue	65	0	0	0	0	0	0	0	0	0	0	0
Total Cash	$2,088.25	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Total Credit	$4,377.50	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Total SmartCard	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Total Rev	$6,465.75	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Cash %	32 %	0 %	0 %	0 %	0 %	0 %	0 %	0 %	0 %	0 %	0 %	0 %
Credit %	68 %	0 %	0 %	0 %	0 %	0 %	0 %	0 %	0 %	0 %	0 %	0 %
SmartCard %	0 %	0 %	0 %	0 %	0 %	0 %	0 %	0 %	0 %	0 %	0 %	0 %
Avg Cash / Pole	$32.13	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Avg Credit / Pole	$67.35	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Avg SmartCard / Pole	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Avg Rev / Pole	$99.47	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
# Cash	2,121	0	0	0	0	0	0	0	0	0	0	0
# Credit	979	0	0	0	0	0	0	0	0	0	0	0
# SmartCard	0	0	0	0	0	0	0	0	0	0	0	0
# Total	3,100	0	0	0	0	0	0	0	0	0	0	0
Avg # Cash / Pole	32	0	0	0	0	0	0	0	0	0	0	0
Avg # Credit / Pole	15	0	0	0	0	0	0	0	0	0	0	0
Avg # SmartCard / Pole	0	0	0	0	0	0	0	0	0	0	0	0
Avg # Total / Pole	47	0	0	0	0	0	0	0	0	0	0	0
Avg Cash Trans	$0.98	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Avg Credit Trans	$4.47	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00

14. Exception reports for units not performing as required (communications or payment faults)

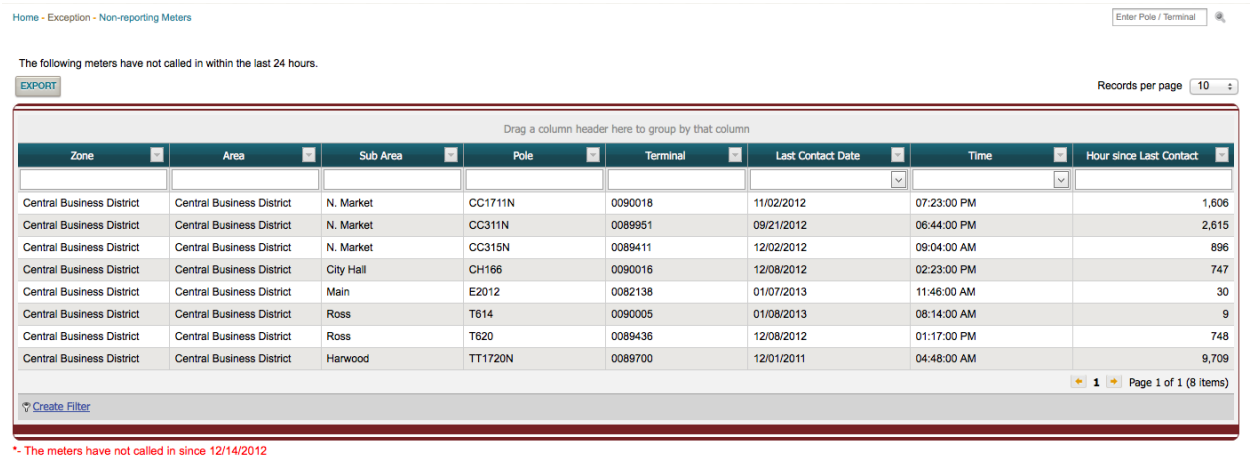
Faults Report-Detailed

The faults report-detailed represents a detailed explanation of the faults occurring with the City's meters. This is broken down by report type, which can be sorted by using the filter button.



Non- Reporting Meters

Below is an example of a report drilled down to each meter to evaluate communications issues.



Home - Exception - Non-reporting Meters

Enter Pole / Terminal

The following meters have not called in within the last 24 hours.

EXPORT

Records per page 10

Drag a column header here to group by that column

Zone	Area	Sub Area	Pole	Terminal	Last Contact Date	Time	Hour since Last Contact
Central Business District	Central Business District	N. Market	CC1711N	0090018	11/02/2012	07:23:00 PM	1,606
Central Business District	Central Business District	N. Market	CC311N	0089951	09/21/2012	06:44:00 PM	2,615
Central Business District	Central Business District	N. Market	CC315N	0089411	12/02/2012	09:04:00 AM	896
Central Business District	Central Business District	City Hall	CH166	0090016	12/08/2012	02:23:00 PM	747
Central Business District	Central Business District	Main	E2012	0082138	01/07/2013	11:46:00 AM	30
Central Business District	Central Business District	Ross	T614	0090005	01/08/2013	08:14:00 AM	9
Central Business District	Central Business District	Ross	T620	0089436	12/08/2012	01:17:00 PM	748
Central Business District	Central Business District	Harwood	TT1720N	0089700	12/01/2011	04:48:00 AM	9,709

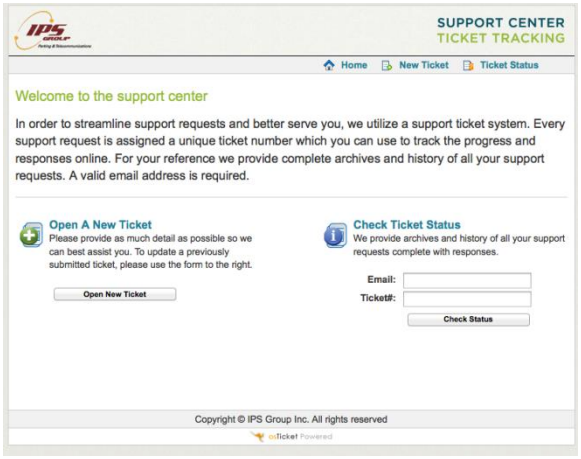
1 Page 1 of 1 (8 items)

Create Filter

*- The meters have not called in since 12/14/2012

15. Access to Help materials and User Manuals shall be available on-line

IPS provides technical and user manuals, video tutorials, help documents, and a support ticketing system online through the DMS. These tools are available 24/7 and new support and education tools are continually being developed to ensure customers have direct access to service documentation. Below is a screen shot of the support ticket portal homepage, which logs questions from customers online and allows customers to follow up on progress until their question or RMA has been completed.



SUPPORT CENTER
TICKET TRACKING

Home | New Ticket | Ticket Status

Welcome to the support center

In order to streamline support requests and better serve you, we utilize a support ticket system. Every support request is assigned a unique ticket number which you can use to track the progress and responses online. For your reference we provide complete archives and history of all your support requests. A valid email address is required.

Open A New Ticket
Please provide as much detail as possible so we can best assist you. To update a previously submitted ticket, please use the form to the right.

Open New Ticket

Check Ticket Status
We provide archives and history of all your support requests complete with responses.

Email:
Ticket#:
Check Status

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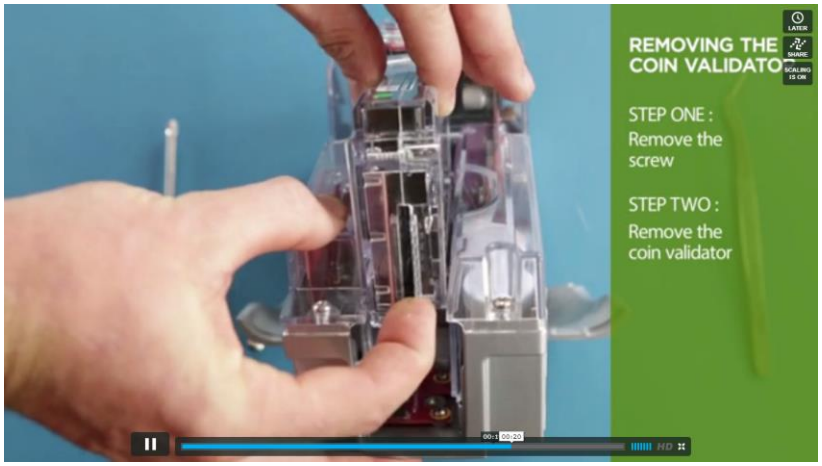


9.1 ADDITIONAL DESIRED FEATURES

9.2 Meter shall allow for the use of additional cards to be used with the same hybrid credit card / contact smart card reader for the purposes of accessing meter diagnostics, cash collection, and allow for time to be added to the meter during a maintenance event without affecting the revenue audit. The use of these cards must be logged and can be presented as one of the report options in the web-based management system. Other methods that meet the

requirements of this section and subsections but use something other than cards will be accepted.

IPS complies. IPS will supply the City with diagnostic cards, coin collection cards, and meter maintenance cards upon purchase. Please see below for details.

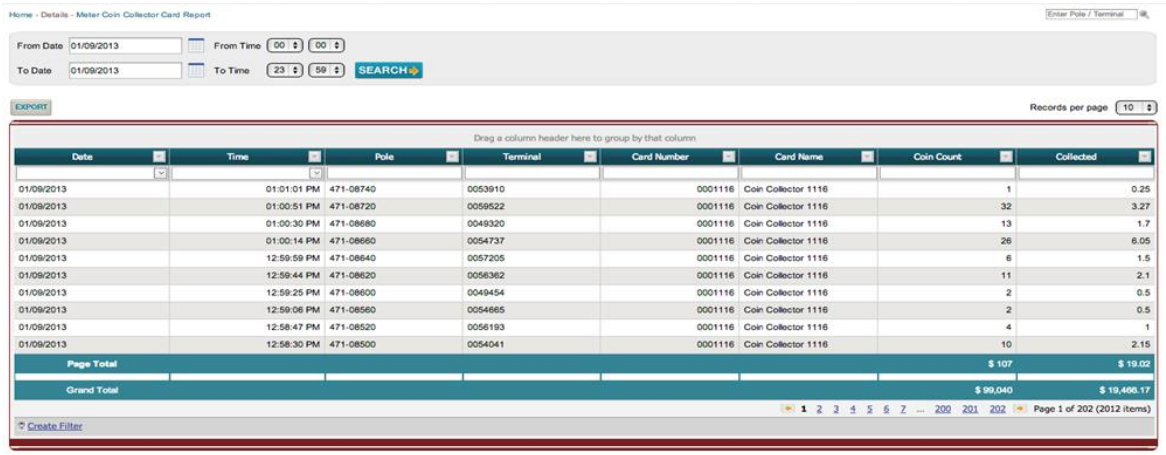
9.1.1 Diagnostics Card: with the use of a diagnostics card, and without opening the meter housing, the meter must provide specific information relating to the current meter operating status. Features shall include the ability to:

- **View the current assigned meter configuration and software version**
- **View the battery level (for rechargeable and non-rechargeable) and solar panel charge level**
- **Test the operating condition of the card reader**
- **Test the operating condition of the coin validator**
- **Test the integrated wireless communications**
- **Allow for the meter to be turned off**

IPS complies. The diagnostics card will allow meter technicians to view the status of the meter and all operating conditions as listed above and the information will be recorded in the DMS as shown below.

9.1.2 Coin Collection Card: with the use of a coin collection card, and without opening the meter housing, the meter must allow for the user to clear the coin box counter at the time of cash collection. The effect of this card is to provide a cash audit feature that is available in the web-based management system that will allow visibility of the time, card used, cash value collected, and a detailed summary of the coin types collected.

IPS complies. The coin collection card is available to clear the coin box counter during cash collection. The use of this card can be logged via the DMS.

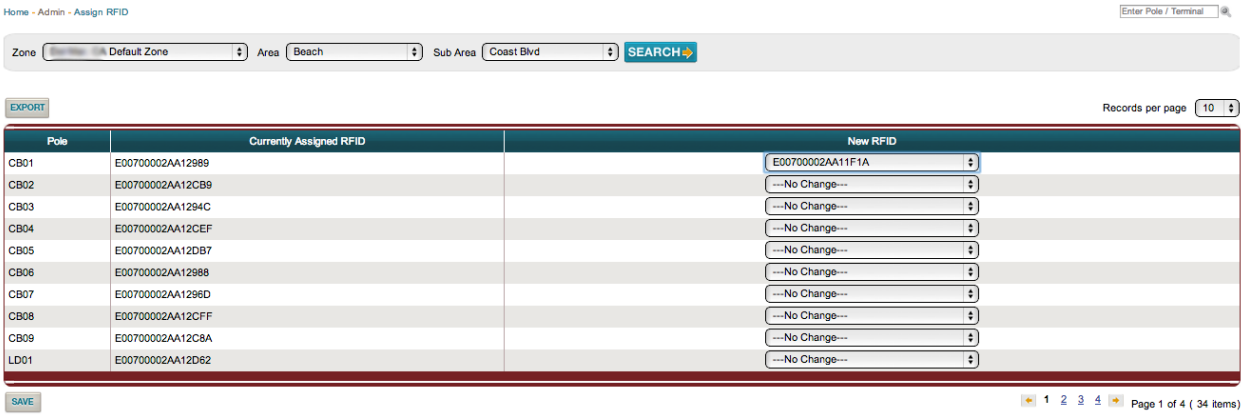


9.1.3 Meter Maintenance Card: with the use of a meter maintenance card, and without opening the meter housing, the meter maintenance card must allow the maintenance staff to put time on the meter to compensate a motorist in the event of meter maintenance activity. The time put onto the meter will not affect the revenue audit, but can be logged and displayed in the web-based management system.

IPS complies. The meter maintenance card will allow maintenance staff to add time to the meter should the crew member need to work on a meter currently occupied by a motorist. All meter maintenance credits are logged in the management system for easy tracking. Time added to the meter with the meter maintenance card will not affect the City's revenue audit.

9.2 RFID Automation: The meter mechanism shall have the capability to communicate with an Radio Frequency Identification (RFID) tag mounted inside of the meter housing such that the meter will automatically know where it is located and be able to download its pole specific location configuration (rates, display information, max stay period, etc.) from the host server based upon information stored on the RFID tag. Other methods to accomplish the intent of this section will be accepted if they perform the same function in substantially the same manner as noted above.

IPS complies. By placing an RFID tag inside the meter housing and associating the unique RFID serial number with the meter pole identification, IPS ensures that all meters are accounted for, inventory is 100% accurate, and meter configurations are automatically updated and correct if there is ever a need to swap meter mechanisms. This dramatically reduces the headache of inventory control and meter reprogramming. ***IPS is the only company that performs this feature automatically and wirelessly.*** The screenshot below shows how RFID numbers are assigned.



10.1 METER TOP COVER (METER DOME)

10.2 The upper housing dome shall be made of adequate material such as ductile iron or Zinc die cast material, which provides exceptional weather protection and resistance to vandalism. It shall lock in place using same lock/key system in place today. A window will provide clear view of the digital display and must be made of polycarbonate, UV stabilized to resist yellowing and internally coated to prevent fogging. The outer surface of the meter top cover is painted with an automotive grade material, which provides excellent resistance to weather and salt-water, fading from sunlight, and shall provide a tough, scratch-resistant and easily cleaned surface.

IPS complies. The IPS meter consists of two primary elements: A meter mechanism and a top cover. The primary construction material for both of these elements is a Zinc Alloy, which provides exceptional weather protection and prevention of graffiti and vandalism. The outer surface of the meter dome is painted with an automotive grade material, which again provides excellent resistance to graffiti, weather and fading from sunlight.

11.1 WARRANTY AND SUPPORT

11.2 The warranty shall be comprehensive and cover any defects in materials or workmanship, and shall include all associated parts of the mechanism, including but not limited to, credit card reader, coin chute, batteries and solar panel. Copies of the standard warranty, as well as any additions or exceptions shall be included with the bid proposal.

3.3 IPS Limited Warranty

IPS will provide a limited warranty for any new meter or sensor product manufactured and supplied by IPS for 12 months against defects in materials and workmanship from the point of installation or 15 months from the date of delivery, whichever is sooner, and 90 days from the date of delivery received in the case of spare or repaired products. IPS does not cover defects caused by improper care or use, lack of preventative maintenance, and does not warranty any defects due to vandalism or other factors contained as a part of the Force Majeure clause below.

Additional Warranty Provisions:

- IPS must have the opportunity to assist in the initial deployment and system installation
- Repair or replacement under warranty of any defective product (including any meter or subcomponent) does not extend the warranty period for that product or subcomponent
- IPS will either repair or replace products or subcomponents, at our discretion, that are found to be defective within the defined warranty period
- Returns for credit will only apply once IPS has received defective product (including any meter or subcomponent) and confirmed that defects were within the warranty period and are covered under the terms and conditions of the warranty provided.

Exclusions:

- Warranty voided with use of imitation or non-genuine IPS replacement parts, un-authorized alterations, abuse, vandalism, improper handling or general misuse to the equipment (hardware or software), including attempted repairs that result in damage.
- Force Majeure: IPS shall not be liable for any warranty provisions where such product failure is as a result of Acts of Nature (including fire, flood, earthquake, storm, hurricane or other natural disaster), war, invasion, act of foreign enemies, hostilities (whether war is declared or not), civil war, rebellion, revolution, insurrection, military or usurped power or confiscation, terrorist activities, nationalization, government sanction, blockage, embargo, labor dispute, strike, lockout or interruption or failure of electricity [or cellular telecommunication failures caused by any of the events or causes described above).

Preventative Maintenance (Meters):

- Preventative maintenance will be similar to current single-space parking meters. However, the primary elements will be a working battery, card reader and coin validator.
- Meters surfaces should be kept clean with mild soap and water.
- The card reader heads should be cleaned with a cleaning card every 1-2 months to ensure optimum performance. Cleaning cards may be purchased from IPS.

- At 9-12 month increments, the coin validator shall be visually inspected for any damage or debris. Compressed air may be used to keep the card reader and coin acceptor clear of debris, every 9-12 months.
- Additional preventative maintenance shall be administered by City staff at such time as it is apparent to be necessary, even if it should occur on a more frequent basis than described herein.
- City, at its own cost and expense, shall keep the equipment in good repair, condition and working order after warranty expiration.

11.3 Technical support shall be available from the manufacturer or through an authorized representative during the warranty period at no additional cost to provide the City with the necessary training to utilize the meters and associated software. Initial training and setup will require a representative be present at the City to assist with getting the meters on-line and training staff on the use of the software. Additional technical support may be provided by telephone, email or other means and will not necessarily require the presence of a representative at the City.

3.4 TRAINING

IPS will provide as much training (both on-site and web-based) as required by the City, including additional sessions, specialized sessions customized to the needs of the City, both before, during and after meter deployment. Additionally, IPS can provide multiple trainers to conduct even more sessions if necessary. Most IPS training sessions are a combination of onsite classroom and hands on use of meters and management system, including manuals for reference material. As new features are deployed, additional training sessions can be established at mutually agreeable times to provide updates and refresher training. Below represents what IPS believes to be the primary training subject areas, but can be further customized to meet City needs.

Training Subject: Data Management System Usage	
Element	**Description**
Subject Matter	Provide thorough review of all financial, technical, administrative reporting capabilities, specific to each functional user group, in addition to more advanced training for system administrators who will use multiple reporting areas, as well as meter configurations.
Primary Audience	Operations Supervisors/Managers, Adjudication Staff, Project Mangers, System Administrators
Training Hours per Student	1-2 hours per session
Students Eligible to Train	5-10 per session, no limit to number of total students
Proposed Schedule	One week or more prior to installation and one week after installation
Location of Training	Location TBD
Training Provided By	Local Field Service Technician

Training Subject: Meter Maintenance	
Element	**Description**
Subject Matter	To introduce maintenance and operational staff with basic meter use and operating features, including primary construction & disassembly, meter installation & removal, coin and card transactions, primary diagnostics tools, standard operating parameters, first line troubleshooting, and basic repair. Session also includes FAQs and Q&A session.
Primary Audience	All maintenance and operations staff
Training Hours per Student	1-2 hours per session
Students Eligible to Train	5-10 per session, no limit to number of total students
Proposed Schedule	Prior to and during installation
Location of Training	City meter shop or location TBD
Training Provided By	IPS Group Project Manager/Local Field Service Technician

Training Subject: Finance / Accounting / Audit / Adjudication	
Element	**Description**
Subject Matter	To provide overview of IPS meter management system reporting capabilities covering all financial reports, credit card settlement, coin reconciliation and transaction details.
Primary Audience	Operations Supervisors/Managers, Administration, Data Analysts, Finance & Accounting Managers
Training Hours per Student	1-2 hours per session
Students Eligible to Train	8-10 per session, no limit to number of total students
Proposed Schedule	One week prior to installation and one week after installation
Location of Training	Location TBD
Training Provided By	IPS Group Project Manager and Local Field Service Technician

Training Subject: Enforcement	
Element	**Description**
Subject Matter	Demonstrate how IPS meters are operated by a user as well as how to perform visual enforcement. Training will also demonstrate meter flexibility and configuration options that can be used to make enforcement as easy as possible.
Primary Audience	Enforcement Staff / Supervisors, Adjudication Staff
Training Hours per Student	1-2 hours per session
Students Eligible to Train	8-10 per session, no limit to number of total students
Proposed Schedule	Post-installation
Location of Training	Enforcement staff offices or location TBD
Training Provided By	Local Field Service Technician

Comprehensive Support

IPS clearly understands the importance of ongoing project support and we encourage the City to speak with our references in this regard. We also understand that ongoing support is a critical element of any successful project and the basis of a long term partnership. IPS is uniquely positioned to provide support services that will translate into the most responsive and comprehensive service offering available to the City of Hollywood.

Help Desk & Ongoing Support: IPS will be providing telephone based help desk services during standard business hours from 8am – 5pm EST. IPS offers a toll-free telephone option (877-630-6638). Additionally, IPS provides after hour's service in the case of emergency, weekends, after hours and holidays which is 24/7 and 365 days a year. This answering service will notify IPS staff in the event of an emergency situation. Additionally, IPS will also provide contact information to all IPS senior staff should such an emergency arise.

Online Help & Manuals: IPS provides online help tools, such as access to all product manuals, frequently asked questions, as well as the ability to submit help tickets, and track the status of such tickets. IPS also offers the online ability to monitor and track RMA status. IPS is also in the process of deploying a video based training and help video library that can be accessed anytime, 24/7. If the City should have any specific input on the types of additional videos that would need to be included, IPS can provide those at no additional cost.

On-Site Support: IPS will support the City with on-site project management and technical support during the implementation phase of the contract and can be further extended at the request of the City.

Spare Parts and Warranty Repair Services: IPS provides all spare parts services and inventory based in San Diego, CA. While we recommend that the City maintains an on-site inventory of spare parts (such as coin validators and battery packs), our San Diego based facility ensures that spare parts are immediately available for the City at any time. The warranty repair process is very straight forward and the progress of these repair services, including services performed, is available within our management system software.

Manufacturing Support: As both the designer and manufacturer, IPS is prepared to designate needed technical resources, with Alex Schwarz, Chief Technical Officer, being the senior technical leader to direct technical resources to meet any request of the City. This includes a team of hardware/software engineers, database administration, web and data integration engineers. Ongoing support includes system and data security management, and backup/restoring systems in the case of a critical failure.

Chapter 4

CHAPTER 4 | PROPOSED APPROACH & METHODOLOGY

Describe your approach to performing the contracted work. This should include the following points:

Type of services provided. Discuss your role and that of other parties involved in the data gathering, data analysis and recommendation process.

Discuss your project plan for this engagement outlining major tasks and responsibilities, time frames and staff assigned.

4.1 Implementation Plan

IPS is prepared to work with the City of Hollywood to achieve its desired implementation timeline, and will develop a plan in coordination with the City upon notice to proceed. The project implementation plan will establish key deliverables, define roles, and will create a project timeline for the installation of the City's new meters.

Although the rollout of the IPS system is intuitive and public acceptance is generally automatic, IPS understands that the City of Hollywood's parking program is unique and implementing a parking meter upgrade is a complex project with many moving parts. However, IPS is eager to provide our skilled resource team to closely support the municipal parking and maintenance staff. Below is a brief listing of services provided by IPS Group.

4.1.1 Services Provided

- IPS will communicate with the City prior to developing an installation plan to ensure IPS has an understanding of the City's needs and concerns
- IPS will work with the City to provide a detailed plan for the installation and commissioning of meters
- IPS follows a rigorous quality control procedure to ensure all meters are correctly designed, programmed, and shipped as requested by the City
- IPS will establish a public relations and marketing outreach strategy including website development, videos, press releases, and print materials
- IPS Group's technical support team will install and support the City's meters and will provide additional training as needed throughout the life of the contract.
- The IPS engineering team will work with the City's designated project manager to provide customizations to backend software reports as needed
- The City's designated sales manager will provide the City with details on available product customizations, upgrades, and new product lines

4.1.2 Understanding Objectives

IPS Group is devoted to understanding the municipality's project objectives and concerns. In order to best understand the unique objectives of the City, IPS recommends organizing discussions led by the IPS project manager in order to establish any additional IPS

implementation support services we may offer. This will help IPS best understand how IPS systems could help the parking management group address additional control issues which were not addressed in the RFP, such as (examples only):

a. Use of the IPS meters and sensors for commercial loading space control
b. Use of the IPS meters and sensors for disable placard parking management
c. The ability to start charging for parking time when the vehicle enters the space instead of when the parker starts the payment process
d. The ability to flag peak hour parking violations for both enforcement and tow operators
e. The ability to share parking payment and occupancy data with outside applications

Communication will play a key role in ensuring the City utilizes the skilled resources and products IPS Group is able to provide for the City of Hollywood.

4.1.3 Project Management

IPS is designating one our most talented Project Managers, Graham Middleborn, to be the single point of contact throughout the installation for the purposes of providing a single-space meter system to the City as part of the contract. In support is a team of technical and customer support personnel to assist with training, installation, trouble-shooting and on-site support. Below is an implementation plan designed to convey the intended method for servicing the requirements of this contract, including a general timeline outline which is located in Chapter 6. Below are key elements which will be covered by the Project Manager:

- The City's Project Manager will provide an established agenda and client specific project management documents for the client kick-off meeting. This will include a draft schedule, with target dates and information dependencies, IPS team organization chart, communications plan and outreach material examples.

- The Project Manager set up a kick-off meeting, where introductions will be made and all facets of the project will be addressed.

- Prior to installation, the Project Manager will request information from the City concerning the need for street use and closure permits.

- IPS understands the City may need additional support to survey GIS locations for metered spaces and assist the City in locating local GIS service providers.

- Training services for both parking management and maintenance staff are to be addressed, including an overview meter control feature briefing prior to detailed training. This will assist City staff in understanding the configuration capabilities of the meter and will allow staff to plan accordingly.

4.1.4 Installation

Preparation for Installation

IPS will require the City to provide all required pole numbering, required credit card processing details, meter operating configurations to ensure that the implementation runs as smoothly as possible.

Delivery of Product

- IPS guarantees delivery, installation of all meters and fully operational back-end system no later than 60 days from contract award or less of contract agreement. IPS is prepared to work with the City to meet deadlines associated with the kickoff project date.
- City will provide shipping address and location such that meters or any other materials can be delivered and securely stored prior to installation. This should mean that meters in boxes should be stored indoors or at least have covering from rain or other weather.
- City will provide the means to receive and unload freight or shipped boxes from freight carrier or forwarder. If this is not possible, City will notify Contractor so that alternate arrangements can be made.

Product Installation

- With all projects, IPS supervises and participates in the installation of IPS products. IPS will coordinate with the City to organize IPS Staff and City employees (those involved in ongoing maintenance and operations of the single-space meters) for the install.
- IPS will ensure that meters are installed correctly, functioning properly, and are approved by the appropriate City personnel.
- Installation will take place during business hours or as requested by the City.

Ongoing Customer Support

- The City's designated project manager, Graham Middleborn, will be the single-point-of-contact support contact for the City.
- A regional product support technician will also be assigned to the City, who will work closely throughout the partnership with the City's meter technicians and administrators who work with the Data Management System. They will provide customer support to the City during the hours of 8:00am to 5:00pm EST.
- The public-private partnership between the City and IPS will continually be fostered by IPS Group's team of financial, sales and marketing, and administrative experts who will ensure the City is attaining all of their goals throughout the contract.
- Additional services and products that are continually being developed by the IPS research and development team will be introduced to the City as they become available.
- IPS has a 24/7/365 answering service that will allow the City to contact an IPS support representative at any time in an emergency at (1-877-630-6638).

4.2 Marketing and Outreach

Formulating the right messaging and raising public awareness is a key element for the successful deployment of new parking initiatives. IPS will provide customized marketing and public awareness materials which can be customized to the specific needs of the City's programs. Examples are shown below of possible marketing collateral which were produced for the City of Honolulu during the deployment of IPS meters and sensors in Honolulu last summer.

Posters and Flyers

Sample poster (left) and sample marketing flyer introducing the new meters (right).

Banners and Signage

The following are examples of banners introducing the pilot program and providing a website for customers to share their experiences and provide feedback. These tools will not only help educate the public, but will also help the City collect valuable data regarding their parking experience. Customized survey questions, website language, and meter location map not only give the public a specific viewing experience, but they also help customers ensure they are supplying their constituents with the most comprehensive site possible.

Sample banner announcing pilot program and website for customer feedback survey.

Press Releases /Internal Documentation

IPS Group will assist the City of Hollywood with formulating the proper messaging for addressing stakeholders both internally and externally, as well as develop press releases as necessary in coordination with the City. This includes communicating rate changes (if applicable) to the public. We encourage the City to utilize the skills of the IPS PR and Marketing Team to help ensure the rollout of the new parking system is successful.

Customized Web Site

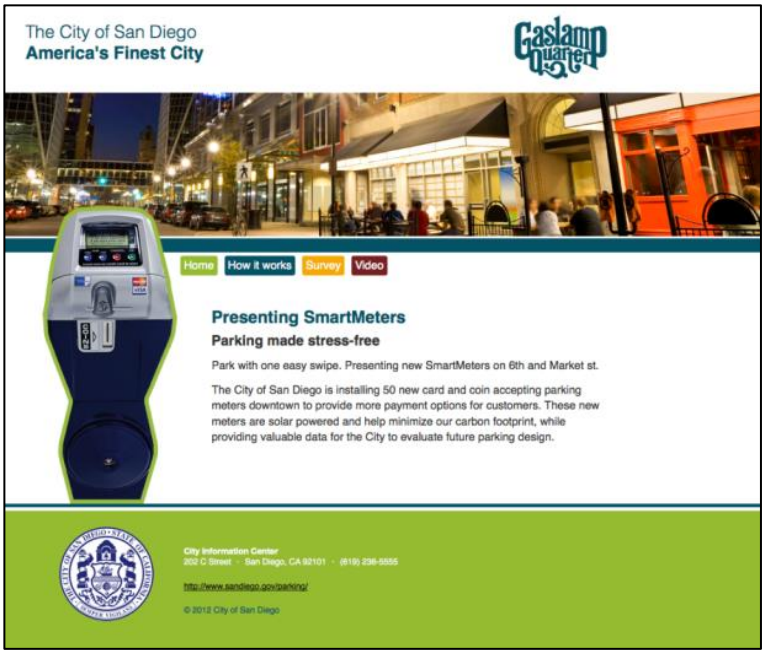
In order to help Hollywood introduce IPS SmartMeters to their parking public, IPS Group is offering the City a custom designed website for the public to:

1. Learn how to use the parking meter through written directions and a how-to video tutorial
2. Answer questions through an online survey tool regarding their experience with the meter
3. Better understand why the change has been implemented

How-To Video

IPS also provides a video depicting how to use the meter which the City can use to introduce the new parking meters. https://vimeo.com/65824595

Example: Customized Public Education Web Site



The web site can be customized to meet the City's needs and is provided as a complimentary service with the purchase of IPS meters.

Chapter 5

CHAPTER 5 | SUMMARY OF THE PROPOSER'S FEE STATEMENT

5.1 Supplemental Pricing Information

IPS is pleased to provide an elaboration of pricing details for our credit card-enabled single-space meter for the City. We believe that IPS provides the very best, most proven credit card-enabled single-space meter technology solution, which equates to the best possible value for the City. We also believe in transparency which is why we **outline all costs up front** so that you will not be surprised. This is especially true when it comes to credit card costs. It is not enough to say that the customer will be responsible to set up a third-party credit card gateway service or that additional fees associated with that service will apply. Instead, IPS discloses all of these fees up front, very clearly, so that our customers can make a fully informed decision. It is this transparency and sense of partnership that sets IPS apart from the competition.

Below are the costs associated with the purchase of 200 meter mechanisms. These prices do not include costs associated with meter housings, poles, keys/locks and are designed to be a retrofit using current meter housings.

Capital Costs		
Product	Number of Units	Unit Price
IPS Credit Card-Enabled Single-Space Meter – M5™ (Includes 12 month warranty, RFID tag, meter top, FOB San Diego, CA)	200	$450.00
IPS Credit Card-Enabled Single-Space Meter – *M3™ (Includes 12 month warranty, RFID tag, meter top, FOB San Diego, CA)	200	$425.00
36 month battery warranty guarantee (under normal operating conditions)	200	included
Shipping (per meter)	200	$7.50
***Optional* on-site Installation Services**	200	$10.00

Referenced M3™ includes larger display screen than installed during the Hollywood, FL field trial

Extended Warranty Options	
Product	Unit Price
Optional Extended Meter Warranty (Pay as you go for each additional 12 months)	$60.00
Optional Extended Meter Warranty (Pay up front for an additional 24 months, for a total product warranty of 36 months)	$100.00
Optional Extended Meter Warranty (Pay up front for an additional 48 months, for a total product warranty of 60 months)	$170.00

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5.1.1 Standard Ongoing IPS Data and Management System Fees

In order to facilitate credit card transaction growth, IPS is offering the City a BEST RATE GUARANTEE. In order to provide the most economical plan available for the customer, upon customer request, IPS will move customer to least-cost plan shown below at no additional cost- if another fee structure offered would be more beneficial to the customer.

Ongoing Meter Data & Management System Fees		
Fee Type	Option 1	Option 2
Secure Wireless Gateway/Data Fee and Meter Management System Software License Fee	$5.75	$8.00
Secure Credit Card Payment Gateway Fee (per transaction)	$0.13	$0.06

NOTE: Additional ongoing costs associated with wireless services, management system access, and credit card fees are ongoing and outlined above. All pricing does not include any applicable state or local taxes that are required to be paid by the City currently or in the future. Ongoing fees are subject to annual adjustment due to increases in Inflation as published by the US Bureau of Labor Statistics for All Items Consumer Price Index for All Urban Consumers (CPI-U) for the US City Average, and will not exceed 3% annually.

5.1.2 Meter and Management System Customizations & Upgrades

- IPS customizations will be evaluated and quoted at the time of request. Standard hourly fees for customizations are $150 per hour.
- Client may, from time to time, wish to implement available upgrades in meter hardware and software. Additional hardware costs will be paid by the Client as provided for in a quote by IPS separate from or by mutual written amendment to any agreement. The Client maintains the sole right to determine when and where such upgrades will be implemented.
- IPS will make available software upgrades at no additional charge to the City. However, any data costs associated with downloading such software upgrades to parking meters will apply. Additional charges may apply for new software that requires new or upgraded hardware. A meter firmware change will cost $2.50 data charge per meter if based on a customer driven customization.
- Add $2.75 per meter per month for additional real-time data reporting features, such as real time coin transactions. This fee is not typically required for efficient visual enforcement of IPS meters; however, if real time coin payment is a requirement, then this additional data fee will apply.

Annual Software Agreement	
On-Call/Hourly	Annual Cost
Included in Licensing Fee	N/A

IPS Group software customer support is included our monthly fees for meter management, software and communications.

Meter Installation & Training

- Initial installation, commissioning, and testing services costs are included in the pricing submitted.
- Additional costs associated with permitting will be added at cost to this proposal.
- Future fees will be quoted on an as-needed basis. Reimbursement for future travel expenses (food, transportation, hotel and flight accommodation) will also be included for all on-site personnel and will be submitted in line with the GSA Domestic Per Diem Rates along with additional labor rates based on $75 per hour.

Delivery Terms

- **Delivery** – Standard lead time is 60 days from order placement.
- **Freight** –Included

Payment Terms

- Net 30
- IPS will offer a 1% discount based on Net 7 payment
- A service charge of 1.5% per month or the lawful prevailing rate, whichever is lower, will be applied to all invoices which are past due

5.1.3 Optional Pay-By-Cell

IPS is pleased to provide pricing details for our optional integration with pay-by-cell phone systems, which will be seamlessly integrated into the IPS management system via the wirelessly enabled single space meter system. No applicable taxes are included in any pricing below. IPS is currently integrated with multiple pay-by-cell vendors, including Parkmobile, PayByPhone, and MobileNow and will partner with any pay-by-cell vendor the City chooses. Below you will find the pricing to allow the City to push time directly to the meter, which will ensure enforcement will not be impacted in any way.

Ongoing Pay-by-Cell Costs		
Item		Cost per Transaction
OPTION 1	Pay-by-Cell Data Push Fee (paid by the City)	$0.10
	Pay-by-Cell Data Push Fee (paid by Customer)	$0.35
OPTION 2	Pay-by-Cell Data Push Fee (paid by the City)	No cost to the City
	Pay-by-Cell Data Push Fee (paid by Customer)	$0.45

- *Pay-by-cell service and data feed provided by 3rd party to be selected by City. This is the data charge to push real-time payments to the meters. (Alternate pricing of $1.00 per meter per month unlimited pay-by-cell transactions vs. per transaction pricing above).*
- *It is possible to implement pay-by-cell without a real time data push to the meter, which will not incur any additional City costs and will extend battery life. Real time data push may reduce battery life to less than 12 months depending on location and operating parameters. IPS has battery saving methodologies that can be implemented if selected.*

5.1.4 Optional Sensor Pricing

IPS is pleased to provide pricing details for our optional vehicle detection system, which will be seamlessly integrated into the IPS management system via the wirelessly enabled single space meter system. This system is not designed to monitor unmetered locations. System costs do not include any additional permitting costs that may be required and will be added to any invoice submitted.

Vehicle Detection System	
Item	Cost per Space
Vehicle Detection Sensors (12 month warranty, FOB San Diego, CA, includes installation services.)	$275.00
***OPTIONAL:* Extended Sensor Warranty** (each additional 12 months)	$35.00

NOTE: Price per sensor (per unit) is the total fixed price for the equipment. Additional ongoing costs associated with wireless services, management system access are ongoing and outlined below. All pricing does not include any applicable state or local taxes that are required to be paid by the city now or in the future. All costs of permits will be added to customer invoice.

Ongoing Sensor Costs	
Item	Cost per Month per Space
Management System / Base Data Fee	$3.50
*Optional: Real Time Reporting Fee**	$2.75
Total *(including optional real time fee)*	$6.25

** Real Time Reporting Fee is not required to be paid again if already using real time data fee option on IPS meters. Real time data fee covers the real time reporting of vehicle presence for the purpose of real time maps or real time enforcement.*

NOTE: Ongoing fees are subject to annual adjustment due to increases in Inflation as published by the US Bureau of Labor Statistics for All Items Consumer Price Index for All Urban Consumers (CPI-U) for the U.S. City Average, and will not exceed 3% annually. Real time reporting fee not required if already using real time reporting fee on the IPS meter.

5.1.6 Optional Multi-Space Pricing

Capital Costs

Multi-Space Pay Stations		
Item	Units	Cost per Unit
Freedom Pay Station (12 month warranty, FOB San Diego, CA)	1-25	$5,882.00
	26-49	$5,556.00
Freedom Pay Station BNA (12 month warranty, FOB San Diego, CA)	1-25	$7,647.00
	26-49	$7,222.00
Revolution Retrofit(12 month warranty, FOB San Diego, CA)	1-25	2,613.00
	26-49	$2,463.00
Revolution Retrofit BNA (12 month warranty, FOB San Diego, CA)	1-25	$3,657.00
	26-49	$3,463.00

**Shipping and installation not included in above

Ongoing Fees

Item – per meter per month	*Option 1*	*Option 2*
Secure Wireless Gateway / Data Fee*	$45.00	$25.00
Per Credit Card Transaction Gateway Fee	Included	$0.13

**Option 1 is currently unavailable for off-street pay stations

5.1.5 Optional Cash Collection System Pricing

The IPS Smart Cash Collection System is designed to complement the IPS single space meter system. Below are multiple options for implementing a smart collection system.

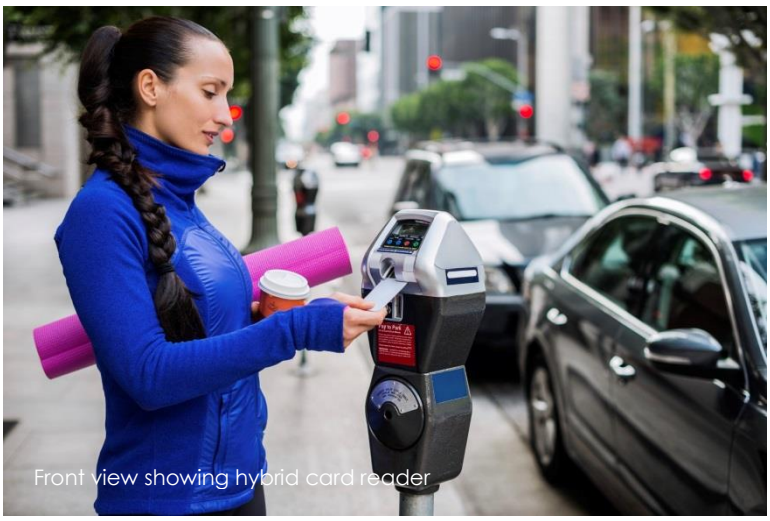
Smart Collection System Pricing	
Item	Cost per Unit
Cash Collection Cart and Canister	$495.00
Intelligent Cash Collection Canister Heads	$495.00
RFID labeling (RFID tag and label for each existing coin can – labor not included)	$2.50
Intelligent Coin Can (replaces existing coin can inside each meter - includes wireless link to IPS meter)	$65.00
Meter Communications Upgrade (includes upgraded wireless link to IPS coin can)	$65.00
IPS Management System Reporting/License Fee and Meter Collection Event Data Fee (includes additional data for logging of collection events reported via IPS meter to IPS management system – per meter per month)	$1.25

Chapter 6

CHAPTER 6 | PROJECT TIME SCHEDULE

Front view

Rear view showing solar panels & LEDs


Front view showing hybrid card reader

Front view showing keypad and display

Project Time Schedule

Below is an anticipated schedule of events based on the signing of a contract or approval to proceed from the City. The Target timeline listed below is relative to the Notice to Proceed ("NTP") that the City will give to IPS upon receipt of a fully executed contract. Many of these activities are happening in parallel.

Task	Party	Target Timeline
Notice to Proceed (NTP)	City/IPS	<60 days
Public Outreach	City/IPS	Immediately
Define all Installation points	City/IPS	5-10 days
Complete Meter Configuration Data Sheets	City/IPS	10-20 days
Complete Credit Card Processing Information	City/IPS	20-30 days
Meter Programming Configuration Approved	City	20-30 days
Meter Locations Site Preparations	City/IPS	30-45 days
Meter Delivery, Installation & Testing	IPS	<60 days
Training of City/Parking personnel (3-5 days)	IPS	Prior to and during installation

Once installation has been completed, IPS will continue to train and support City staff throughout the life of the contract.

Chapter 7

CHAPTER 7 | INNOVATIVE TECHNOLOGIES

7.1 VEHICLE DETECTION SENSORS

7.1.1 ON-STREET VEHICLE DETECTION SYSTEM

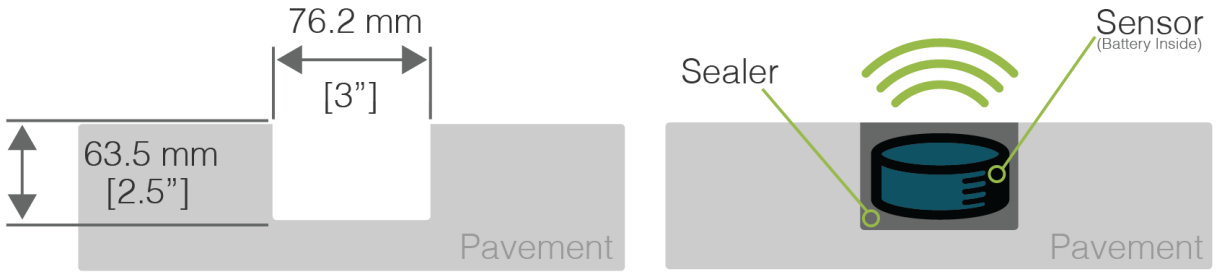
Sensor System

The IPS Sensor System is designed specifically to pair only with IPS meters in order to provide the most cost effective vehicle detection system available on the market today for on-street metered spaces. Please note, the IPS system is not designed to be used to monitor un-metered spaces. The IPS sensor communicates directly with IPS meters and data is transferred using the available cellular link inside each IPS meter. We believe this to be the preferred and most cost effective method vs. installing an additional wireless communications network that would be mounted on City utility, street light, and traffic signal poles, consume City electricity and be difficult for the City to maintain. In addition, we believe that it is imperative that the vehicle detection sensors communicate directly with the parking meter in order to allow meters and sensor systems to make local decisions vs. requiring local decisions to be made by a back-end management system. This is especially true if the City would like to allow a courtesy time capability, meter reset capability, anti-meter feeding or directed enforcement.

Finally, and very importantly, IPS uses magnetic based sensing, which is the most accurate and reliable technology available in the world. It is not prone to the negative effects of snow, rain, people standing between a meter and a parking space, or vandalism as on-pole sensors are. All of these environmental factors will negatively impact the performance of any ultra-sonic and other "line-of-sight" sensing technologies or "pole mounted" technologies.

Installation

The installation process of the IPS embedded sensor requires approximately 5-10 minutes per space. A 3 inch diameter by 2.5 inch depth core is drilled into the street space, the sensor is inserted into the hole, and a DOT grade epoxy is used to seal the sensor into the ground. The number of teams installing sensors can be scaled in order to meet the installation schedule required.



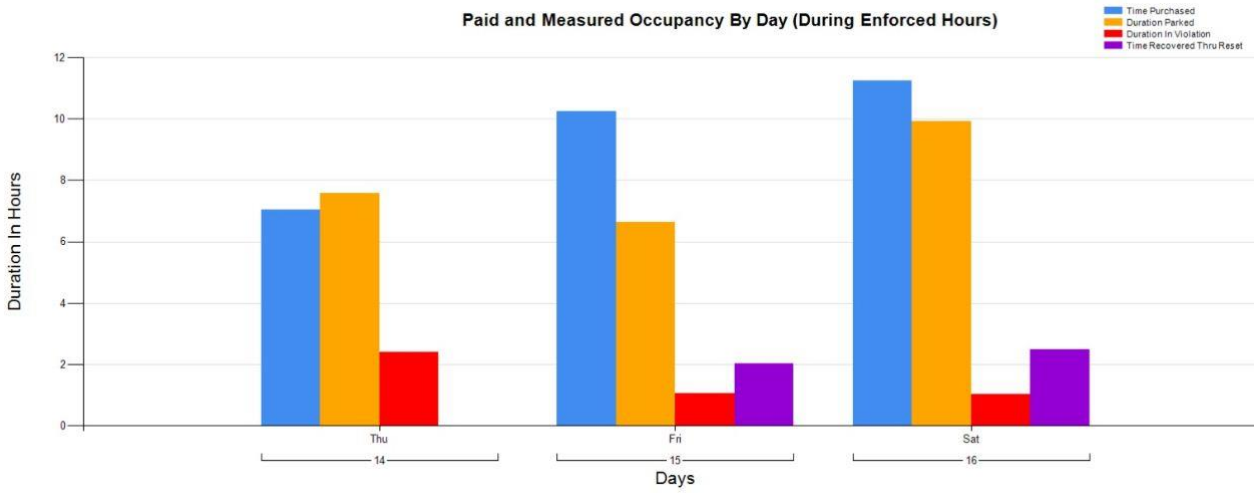
7.1.2 Sensor Reporting Features

Sensors report directly to the IPS meter, which communicates to the IPS Data Management System. Through the management system the City will be able to look at real-time occupancy in multiple formats, including via Google Maps. These tools will assist the City in directing enforcement to spaces in violation and can be directed to mobile devices. We believe our ability to reset the meters to zero function and the occupancy and enforcement tools will ultimately give Hollywood the best solution to increase revenue and collect valuable data. The IPS Data Management System offers the City ultimate flexibility for reports and filtering. Dashboards for meters and sensors allow the City to view, in real-time, parking operations at a glance. These, combined with Maps applications will show the status of each parking space, as seen in the following reports.

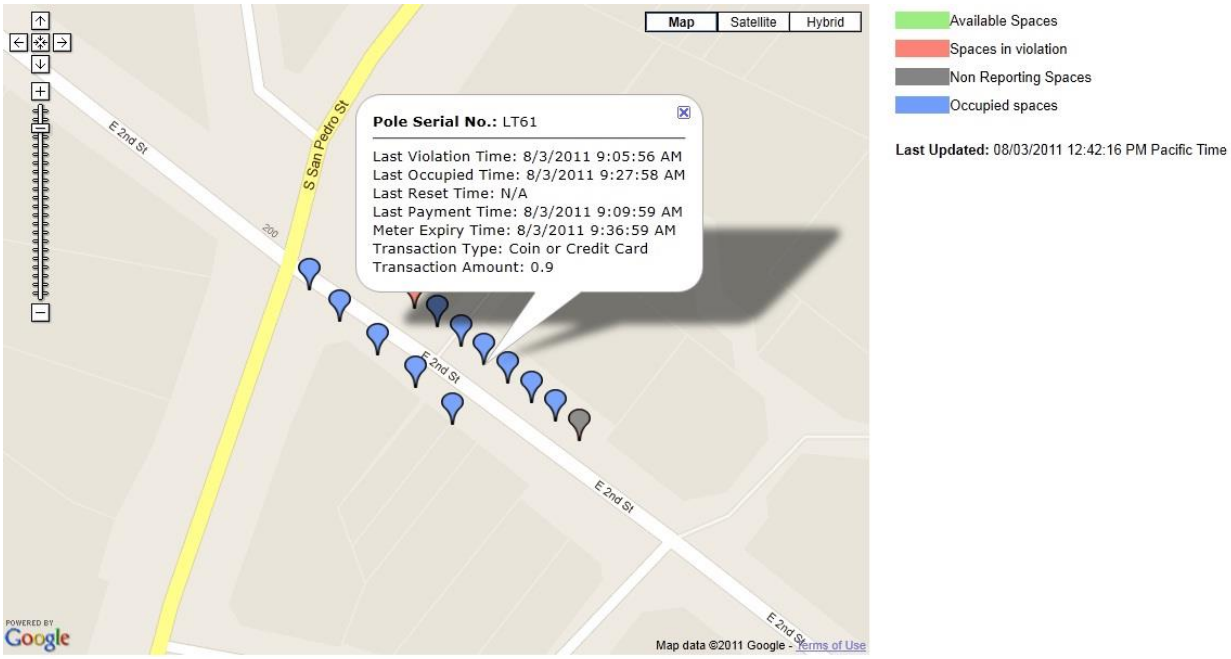
Sample Reports

Below you will find an example of a few reporting features available in the Data Management System. Additional reporting, graphs, and charts are available and customizable according to the City's needs.

Occupancy Report
(For example only)



Occupancy Report via *Google Maps*
(For example only)



Terminal Event Report
(For example only)

Main Menu |Terminal Event Report

Terminal Event Report

This page is for Termial Event Report by Group

Event Group: Sensor Enter Terminal Serial No: 0029682 Refresh

Pole #: LD01

From Date: 6/14/2010 From Time: 00:00:00

To Date: 6/14/2010 To Time: 23:59:59 Refresh

From Time	To Time	Event	Duration
6/13/2010 11:38:14 PM	6/14/2010 12:08:14 AM	Sensor: Space Occupied	0:30
6/14/2010 12:08:13 AM	6/14/2010 12:10:13 AM	Sensor: Space Vacant	0:02
6/14/2010 12:10:08 AM	6/14/2010 12:12:08 AM	Sensor: Space Occupied	0:02
6/14/2010 12:11:53 AM	6/14/2010 12:42:53 AM	Sensor: Space Vacant	0:31
6/14/2010 12:43:31 AM	6/14/2010 12:51:31 AM	Sensor: Space Occupied	0:08
6/14/2010 12:51:24 AM	6/14/2010 5:33:24 AM	Sensor: Space Vacant	4:42
6/14/2010 5:33:01 AM	6/14/2010 5:35:01 AM	Sensor: Space Occupied	0:02
6/14/2010 5:35:34 AM	6/14/2010 6:13:34 AM	Sensor: Space Vacant	0:38
6/14/2010 6:13:32 AM	6/14/2010 6:20:32 AM	Sensor: Space Occupied	0:07

7.2 Multi-Space Pay Stations

7.2.1 Freedom Pay Station

As a solutions provider, IPS understands there are multiple solutions to meet the needs of our customers, which is why IPS has developed a multi-space pay station designed to be configured to the unique requirements of our clients. Our Freedom Pay Station is the first multi-space parking meter (MSM) specifically designed for, manufactured in and developed for the US market. We also host our back-office in the US. With virtually all other competitors, there is a need to force fit a foreign machine into the US market thereby making the needs of the US market an afterthought rather than a priority. As you will see from the specifications addressed throughout our response, "US made" allows us to design in the requests that are so frequently overlooked by our competitors. We have designed the machine for the US user, the US technician and the US administrator in mind. The purpose of each is to make the Freedom multi-space parking meter the easiest pay station on the market to use.

IPS offers in-depth experience which encompasses the very largest US installations to hundreds of smaller installs. The Freedom Pay Station takes the very best from IPS's space meter platform, components, and data management system and has transformed it into a multi-space parking kiosk. The components, software, and forward thinking approach contained in over 125,000 IPS installations are now available in the IPS Freedom Pay Station.

The company's experience and knowledge is evident through the historical performance of the equipment.

- Meter uptime averages of 99.9% or more
- Data Management System uptime averages 99.9% or more
- Coin count and revenue totals 99%+ accurate
- Meters communicate 95% of payment and maintenance data to the DMS in 90 seconds or less
- IPS processed 60 million credit card transactions totaling $140 million in 2012 with no duplicate transactions to date –safely and securely
- PA-DSS certified
- Level 1 PCI-DSS certified
- SSAE 16 compliant

7.2.2 Multi-Space Retrofit

Upgrade Multi-Space Technology in Minutes

Why Upgrade- The technology available for parking systems is constantly evolving and often outpaces the useful life of the equipment.

Available in Pay and Display, Pay-by-Plate, or Pay-by-Space and pre-integrated with leading complementary technologies, the IPS upgrade kit provides a future-proof current platform for your parking system at a fraction of the cost of a new paystation.

What is an Upgrade- The IPS upgrade kit replaces all of the electrical and electronic components associated with the old paystation and replaces them with new state-of-the-art IPS technology.

The process takes approximately 15 minutes and can be done right in the field.

Public Benefits- A large display screen and Inteli-Touch operations allow users to process a parking transaction in any order all while viewing the instructions on a large LCD screen.

No need to affix decals and instructions on the paystation, the display screen manages it all.

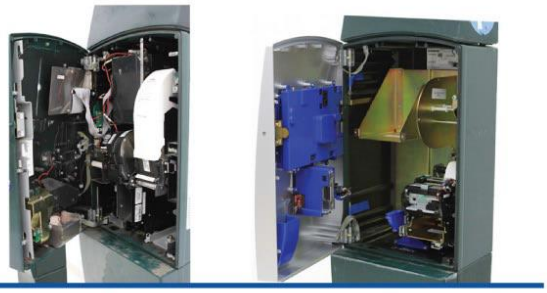
Technical Benefits- Designed with the service technician in mind, the modular components make routine maintenance easy and efficient. With no more than a screwdriver, all components can be removed, serviced and replaced.

Connectivity Benefits- The IPS paystation can be equipped with GSM and CDMA modems on the same main operating board.

This dynamic functionality allows for communication on the fastest available networks and ensures that the system will not be subject to proprietary or dated platforms.

Environmental Benefit
Reduce, Reuse, Recycle.

Paystation Before / IPS Upgrade



Replace with a compact main operating board, dual sided printer, coin acceptor and card reader.

Financial Benefits- At approximately 20% of the cost of a new paystation, the IPS upgrade kit reduces the need for a capital expenditure and allows the city to deploy those financial resources elsewhere.

Call for an on-site demo: **858.404.0607** | Online: **ipsgroupinc.com**

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7.3 Cash Collection System

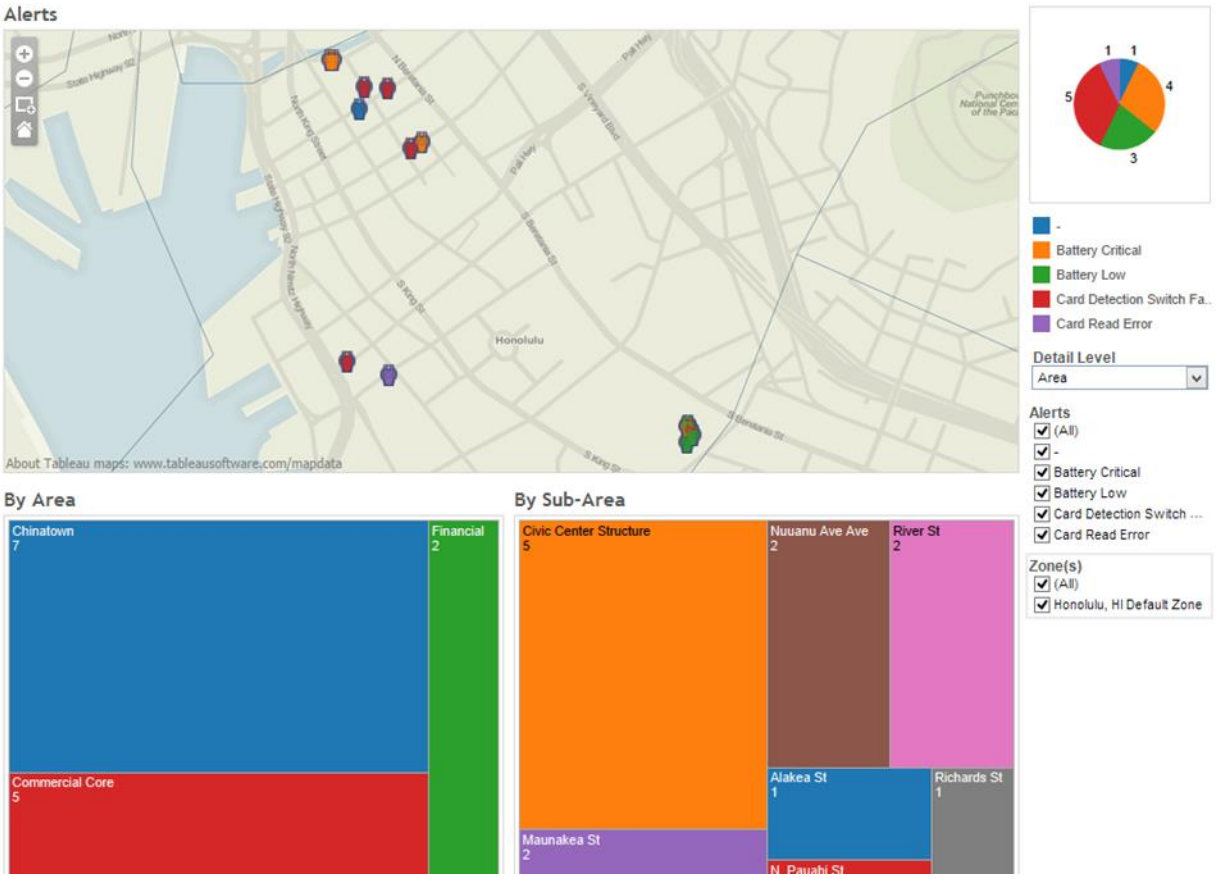
- Wirelessly paired with IPS meter to transmit information to web-based Data Management System.
- Coins are counted by smart cans for dual accountability.
- Automatically registers the person performing the collections via key fob.
- Time stamps when the collection can is removed, deposited and if correct can is returned.
- Powered by “green” rechargeable battery system.

7.4 Visual Analytics

The IPS Data Management System (DMS) is the most advanced meter backend system available in the single-space market today. Reporting features and analytical tools have been developed and refined at the request of our customers, ensuring practical application and functionality for all IPS customers. Our flexible management system platform allows for customization to meet the needs of the City of Hollywood, which is above and beyond industry standards.

In addition to our advanced DMS, IPS has developed a Visual Analytics tool which allows users to identify patterns and analyze data. This tool can be used to make informed data-driven decisions based on past and current trends and is accessible by mobile devices and laptops. Visual Analytics reports include:

- Alerts
- Coin Collection
- Forecasting
- Inventory
- Occupancy
- Revenue



IPS Visual Analytics Tool

The Visual Analytics Tool allows the City to observe and forecast trends in revenue, occupancy and more.

Chapter 8

CHAPTER 8 | APPENDIX

8.1 Corporate Social Responsibility

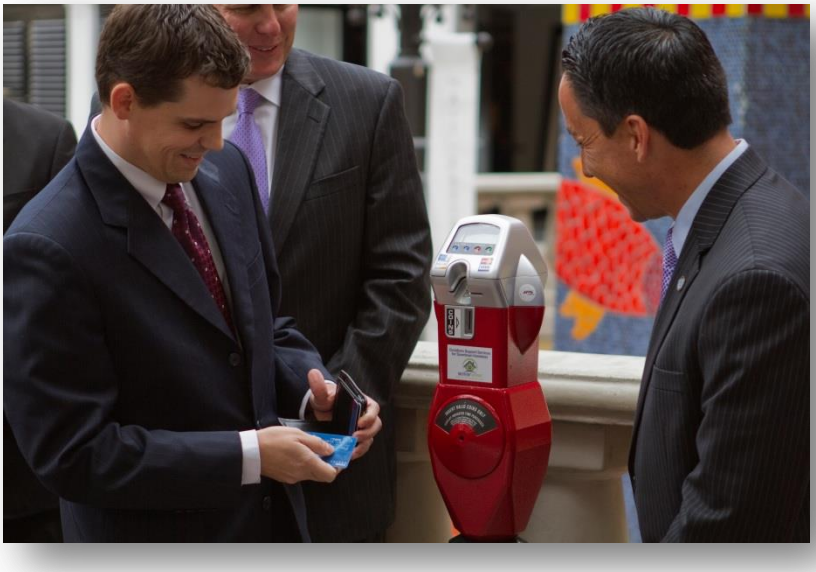
IPS Group, Inc. believes very strongly in making a positive impact in the world, and that includes making a difference to our cities' employees, community and constituents. With a focus on the triple bottom line (people, planet, and profit), IPS is ensuring that we remain mindful of the public's interest. As IPS achieves rapid growth, it is our goal to include the public's interest with our success.

To that end, IPS has woven a corporate social responsibility (CSR) goal into our mission statement. IPS is committed to offering our customers a public-private partnership as a means of giving back to the community through the profit of our parking meters. This approach is customized for each City.

Currently IPS Group has (or is in progress) partnered with the following Cities to offer donations for their preferred charitable programs:

- City of Denver, CO
- City of San Diego, CA
- City of Athens, GA

Upon bid award, IPS Group would be happy to work with the City of Hollywood to help fund their selected local charity by providing IPS meters to take donations at City designated location(s). The program garners widespread public support and offers the City a way to give back to the local community. Additional public relations and marketing support will be provided by IPS Group.

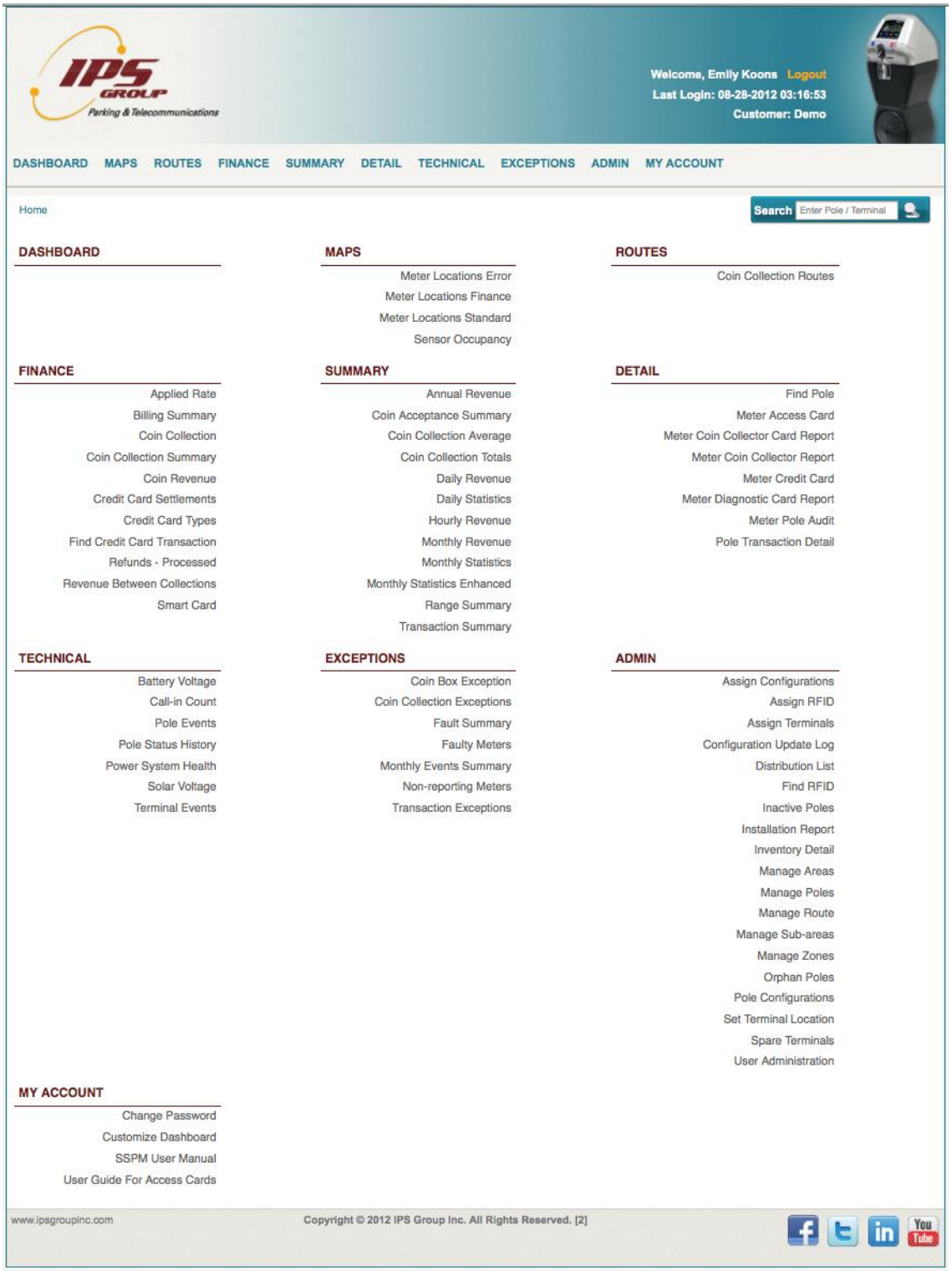


8.2 Spare Parts List

M5 Replacement Components	Unit List Price	Est Delivery (in weeks)	Life Expectancy (years)
Card Entry Die Casting	$19.00	in stock	7-10
Hybrid Card Reader	$49.00	in stock	7-10
Coin Validator	$69.00	in stock	5-7
Complete Top Cover	$69.00	in stock	7-10
Lexan for Top Cover	$15.00	in stock	5-7
Coin Entry Slot	$2.00	in stock	7-10
Keypad	$25.00	in stock	7-10
Validator Connector Board	$15.00	in stock	7-10
Battery Pack 795-600-H2 (non-rechargeable)	$20.00	in stock	1-5
Battery Pack (rechargeable single-cell)	$19.00	in stock	7-10
Validator Connection Cable	$5.00	in stock	7-10
Solar Panel Only	$25.00	in stock	5-7
Solar Panel / Comms Board	$165.00	in stock	7-10
Main Board	$165.00	in stock	7-10
Display Board with NFC	$89.00	in stock	7-10
RFID Tag	$10.00	in stock	7-10

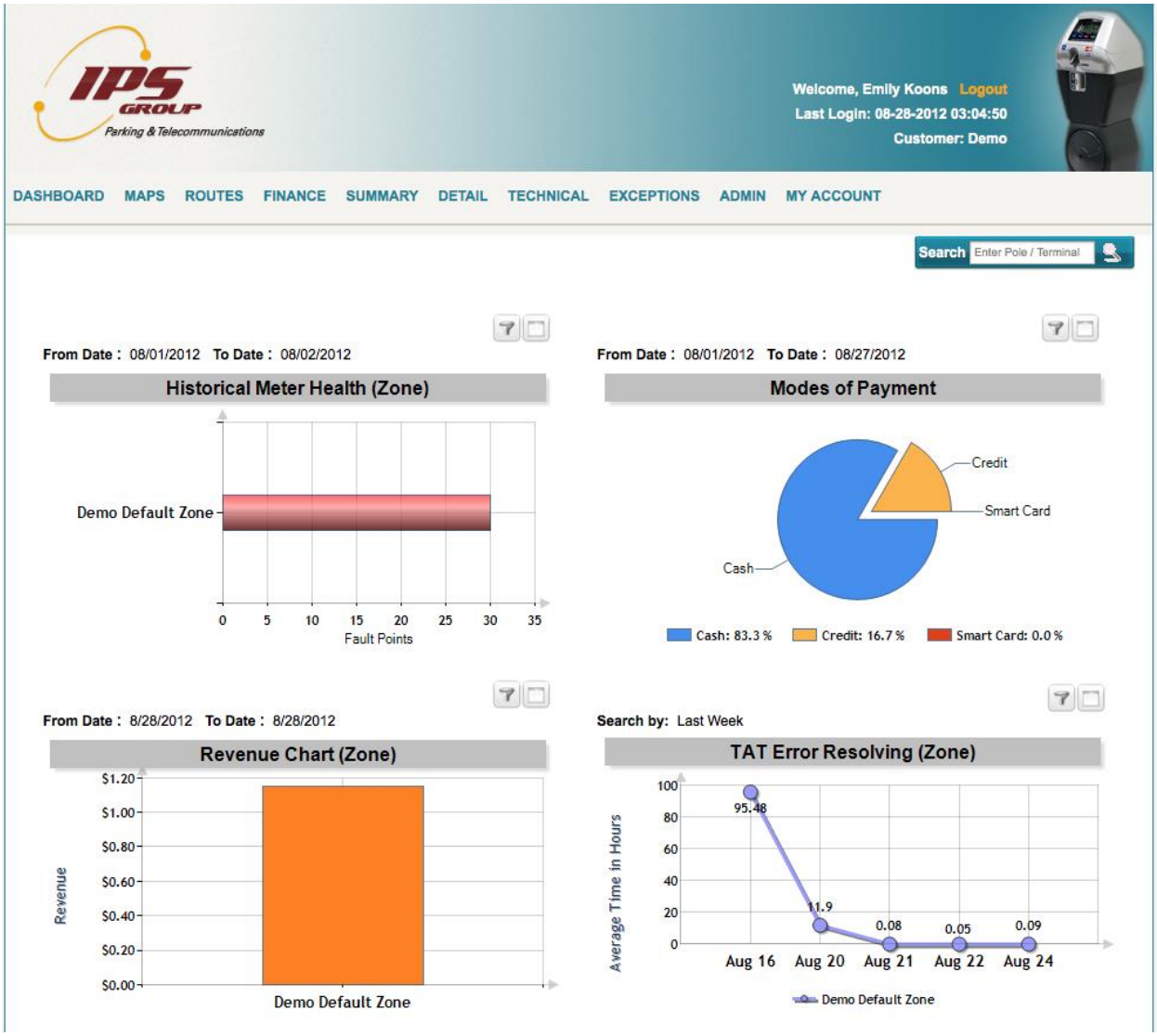
8.3 Sample DMS Reports

Homepage



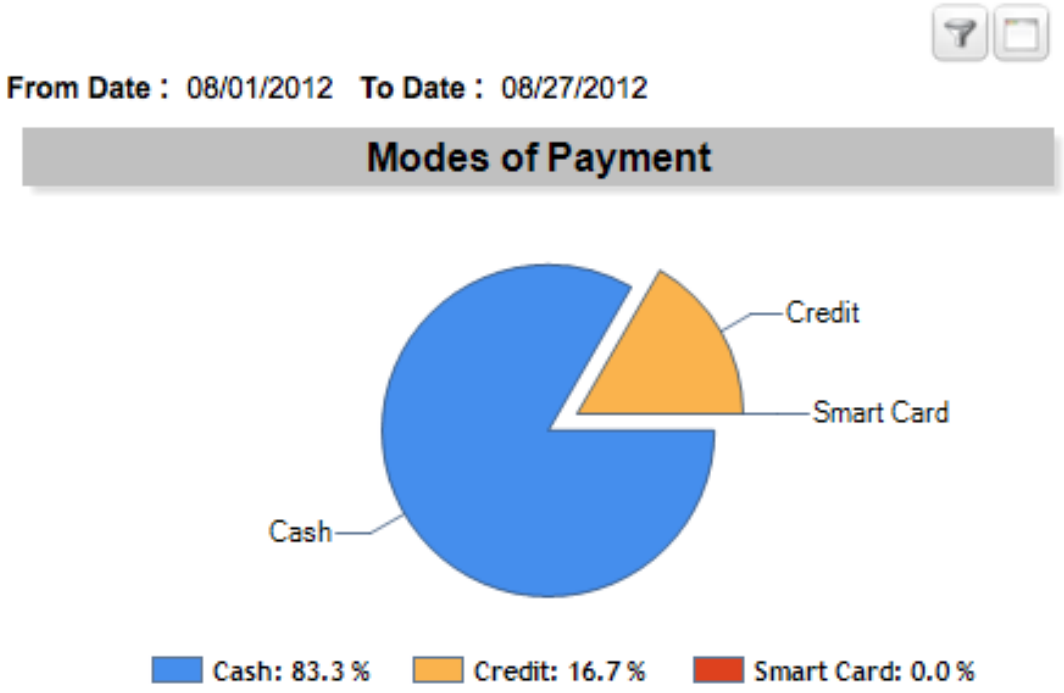
MMS Dashboard

(For example only)



MMS Dashboard Modes of Payment

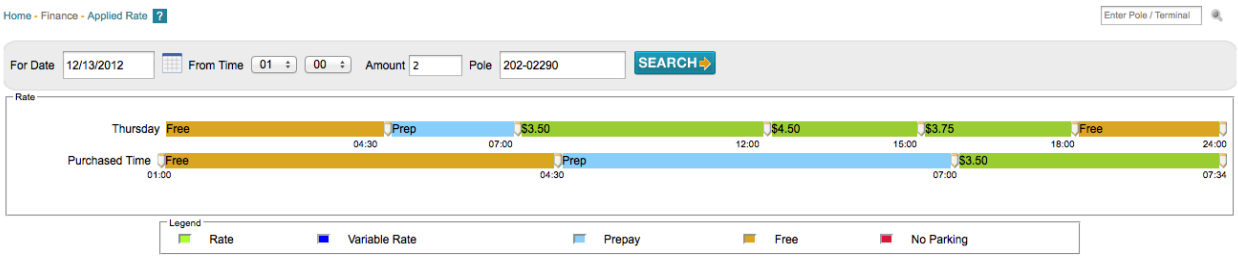
(For example only)



FINANCIAL REPORTS

Applied Rate

(For example only)



Coin Collection Detail

(For example only)

Home - Finance - Coin Collection Detail

Enter Pole / Terminal

Year 2013 Month JAN Collection Date 01/04/2013

Zone Default Zone Area Beach Sub Area --All-- SEARCH

EXPORT

Records per page 25

Drag a column header here to group by that column

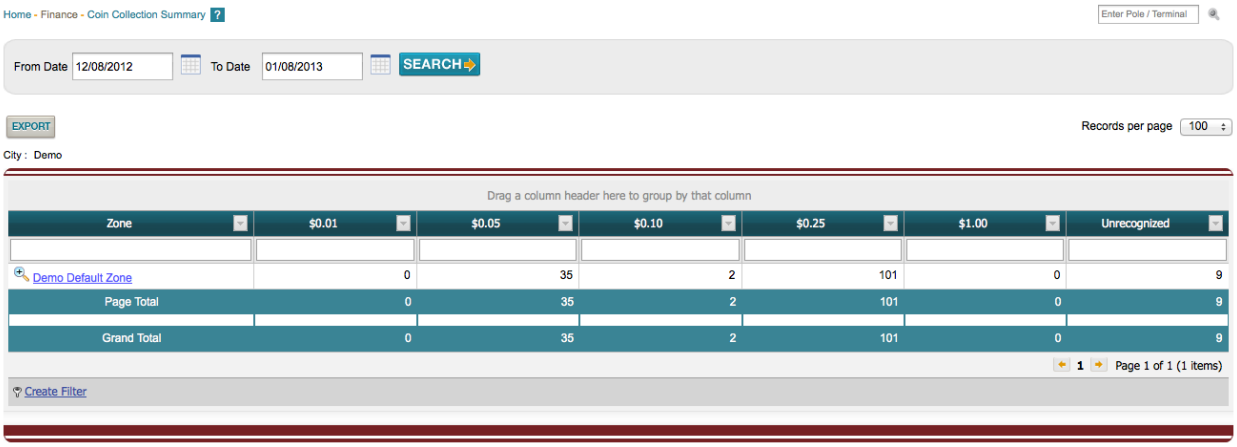
Pole	Collection Time	$0.01	$0.01	$0.05	$0.10	$0.25	$1.00	Coin Total	Total Revenue ($)	Unrecognized
Q-08	08:38:16	0	0	0	0	0	0	0	$0.00	0
Q-08	08:38:27	0	0	0	0	0	0	0	$0.00	0
Q-07	08:36:31	0	0	0	0	0	0	0	$0.00	0
Q-07	08:36:40	0	0	0	0	0	0	0	$0.00	0
Q-01	07:31:21	0	0	0	0	0	0	0	$0.00	0
PH06	08:31:02	0	0	0	0	0	0	0	$0.00	0
PH04	08:30:29	0	0	0	0	0	0	0	$0.00	0
PH04	13:30:07	0	0	1	1	2	0	4	$0.65	0
PH03	08:48:31	0	0	0	0	0	0	0	$0.00	0
PH03	13:30:21	0	0	1	0	2	0	3	$0.55	0
PH02	08:46:13	0	0	0	0	0	0	0	$0.00	0
PH02	08:46:29	0	0	0	0	0	0	0	$0.00	0
PH02	13:30:23	0	0	1	1	2	0	4	$0.65	0
PH01	08:43:46	0	0	0	0	0	0	0	$0.00	0
PH01	08:44:26	0	0	0	0	0	0	0	$0.00	0
PH01	13:30:28	0	0	1	1	2	0	4	$0.65	0
Page Total		0	0	4	5	40	0	49	$10.70	0
Grand Total		0	0	14	13	61	0	88	$17.25	0

1 2 Page 1 of 2 (44 items)

Create Filter

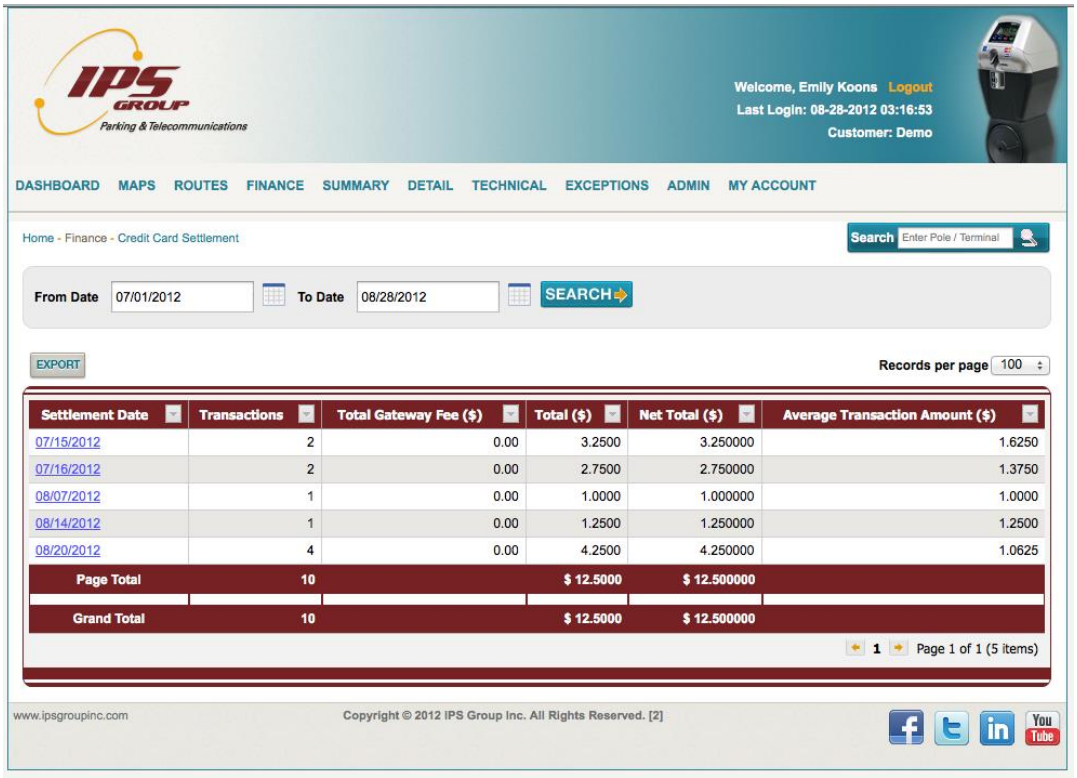
Coin Acceptance Summary

(For example only)



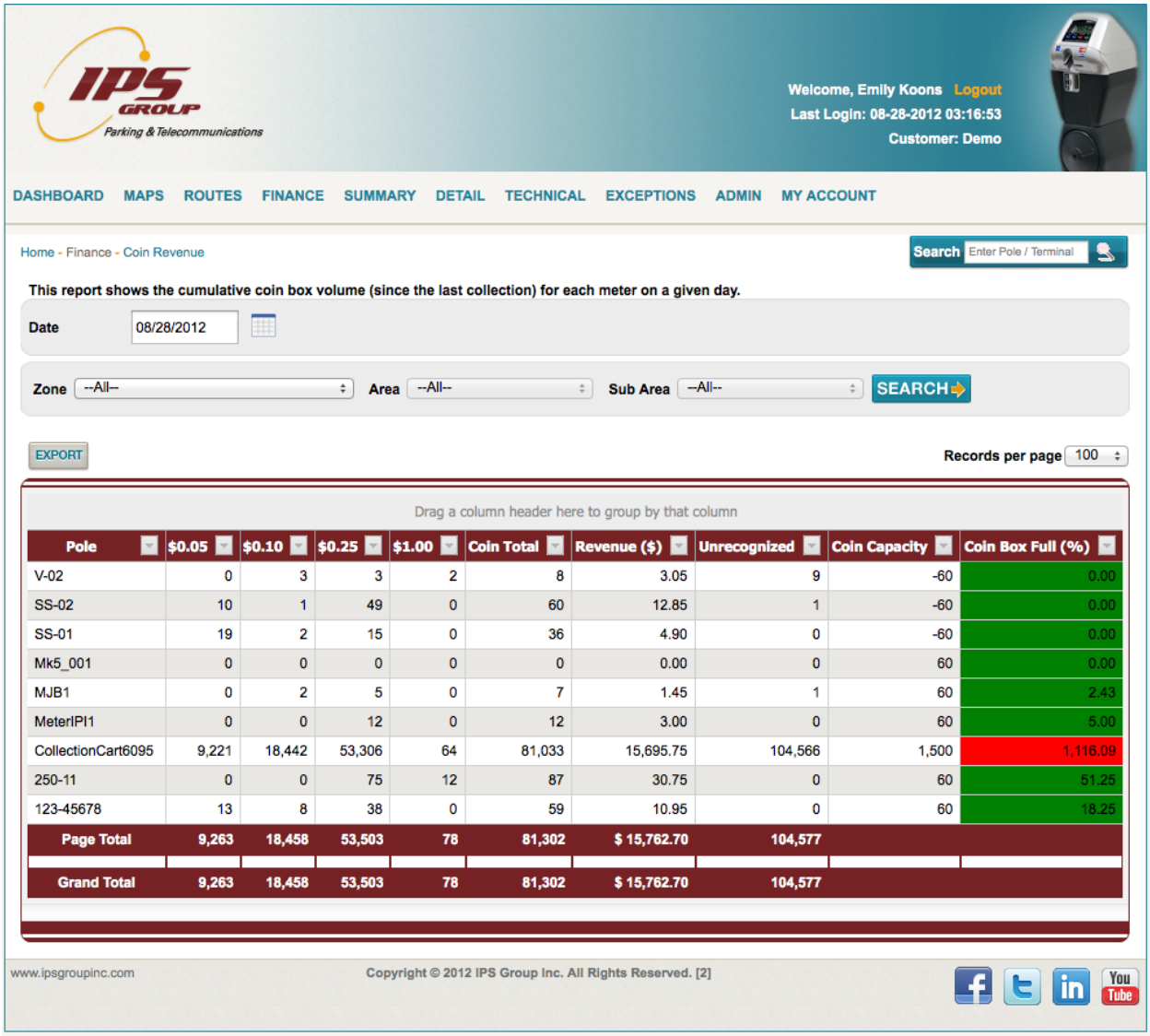
Credit Card Settlements

(For example only)



Coin Revenue

(For example only)



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Welcome, Emily Koons Logout
Last Login: 08-28-2012 03:16:53
Customer: Demo

DASHBOARD MAPS ROUTES FINANCE SUMMARY DETAIL TECHNICAL EXCEPTIONS ADMIN MY ACCOUNT

Home - Finance - Coin Revenue

Search Enter Pole / Terminal

This report shows the cumulative coin box volume (since the last collection) for each meter on a given day.

Date 08/28/2012

Zone --All-- Area --All-- Sub Area --All-- SEARCH

EXPORT

Records per page 100

Drag a column header here to group by that column

Pole	$0.05	$0.10	$0.25	$1.00	Coin Total	Revenue ($)	Unrecognized	Coin Capacity	Coin Box Full (%)
V-02	0	3	3	2	8	3.05	9	-60	0.00
SS-02	10	1	49	0	60	12.85	1	-60	0.00
SS-01	19	2	15	0	36	4.90	0	-60	0.00
Mk5_001	0	0	0	0	0	0.00	0	60	0.00
MJB1	0	2	5	0	7	1.45	1	60	2.43
MeterIPI1	0	0	12	0	12	3.00	0	60	5.00
CollectionCart6095	9,221	18,442	53,306	64	81,033	15,695.75	104,566	1,500	1,116.09
250-11	0	0	75	12	87	30.75	0	60	51.25
123-45678	13	8	38	0	59	10.95	0	60	18.25
Page Total	**9,263**	**18,458**	**53,503**	**78**	**81,302**	**$ 15,762.70**	**104,577**		
Grand Total	**9,263**	**18,458**	**53,503**	**78**	**81,302**	**$ 15,762.70**	**104,577**		

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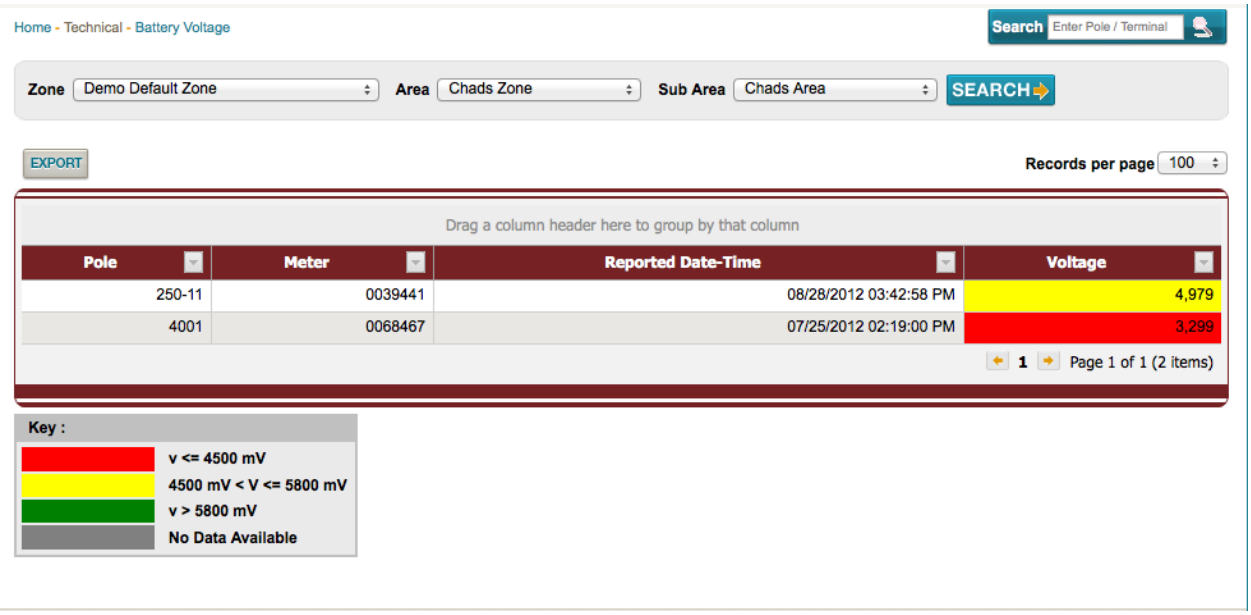
TECHNICAL REPORTS

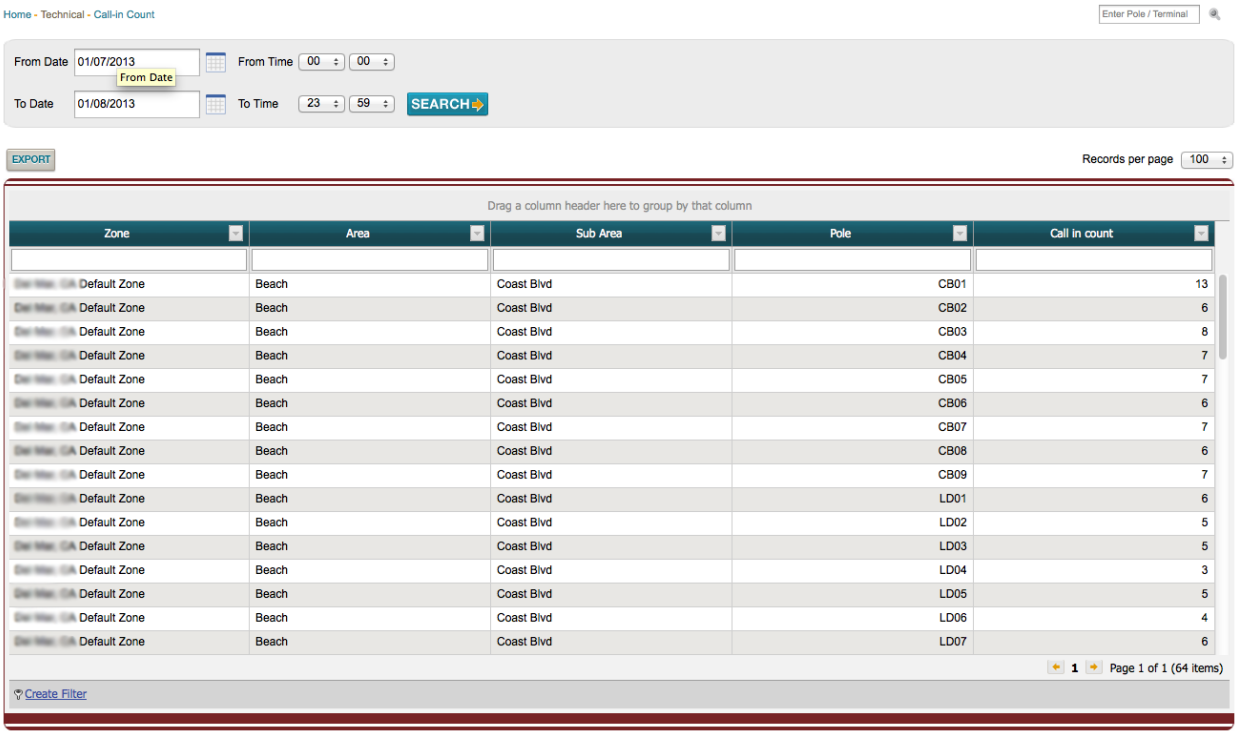
Battery Voltage

(For example only)



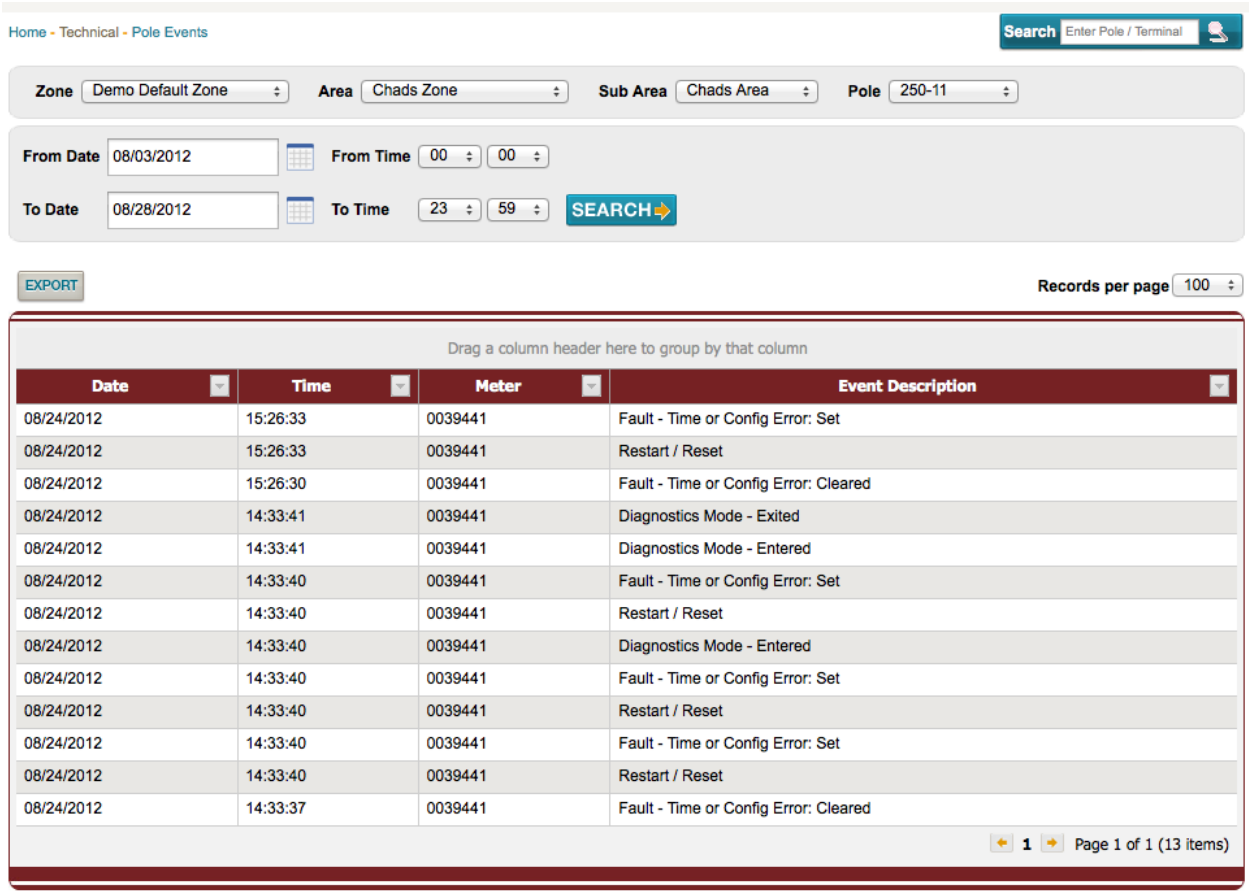
Call in Count

(For example only)



Pole Events

(For example only)



Home - Technical - Pole Events

Search: Enter Pole / Terminal

Zone: Demo Default Zone | Area: Chads Zone | Sub Area: Chads Area | Pole: 250-11

From Date: 08/03/2012 | From Time: 00 00

To Date: 08/28/2012 | To Time: 23 59 | SEARCH

EXPORT | Records per page: 100

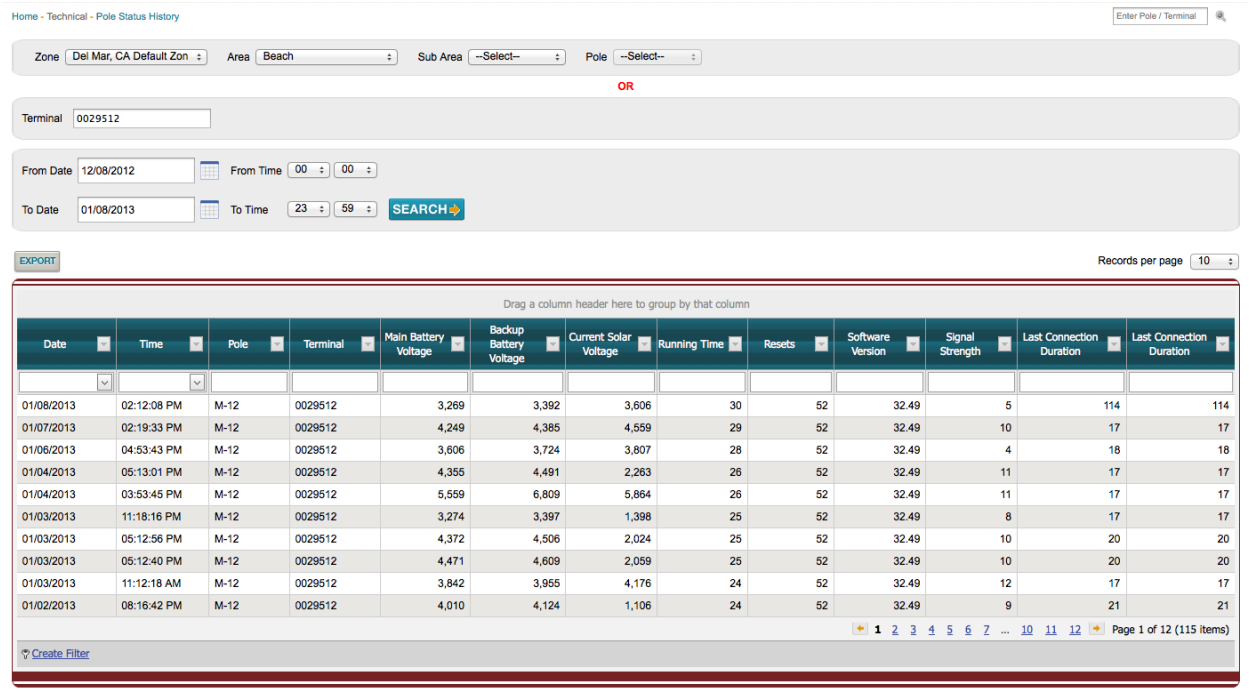
Drag a column header here to group by that column

Date	Time	Meter	Event Description
08/24/2012	15:26:33	0039441	Fault - Time or Config Error: Set
08/24/2012	15:26:33	0039441	Restart / Reset
08/24/2012	15:26:30	0039441	Fault - Time or Config Error: Cleared
08/24/2012	14:33:41	0039441	Diagnostics Mode - Exited
08/24/2012	14:33:41	0039441	Diagnostics Mode - Entered
08/24/2012	14:33:40	0039441	Fault - Time or Config Error: Set
08/24/2012	14:33:40	0039441	Restart / Reset
08/24/2012	14:33:40	0039441	Diagnostics Mode - Entered
08/24/2012	14:33:40	0039441	Fault - Time or Config Error: Set
08/24/2012	14:33:40	0039441	Restart / Reset
08/24/2012	14:33:40	0039441	Fault - Time or Config Error: Set
08/24/2012	14:33:40	0039441	Restart / Reset
08/24/2012	14:33:37	0039441	Fault - Time or Config Error: Cleared

1 Page 1 of 1 (13 items)

Pole Status History

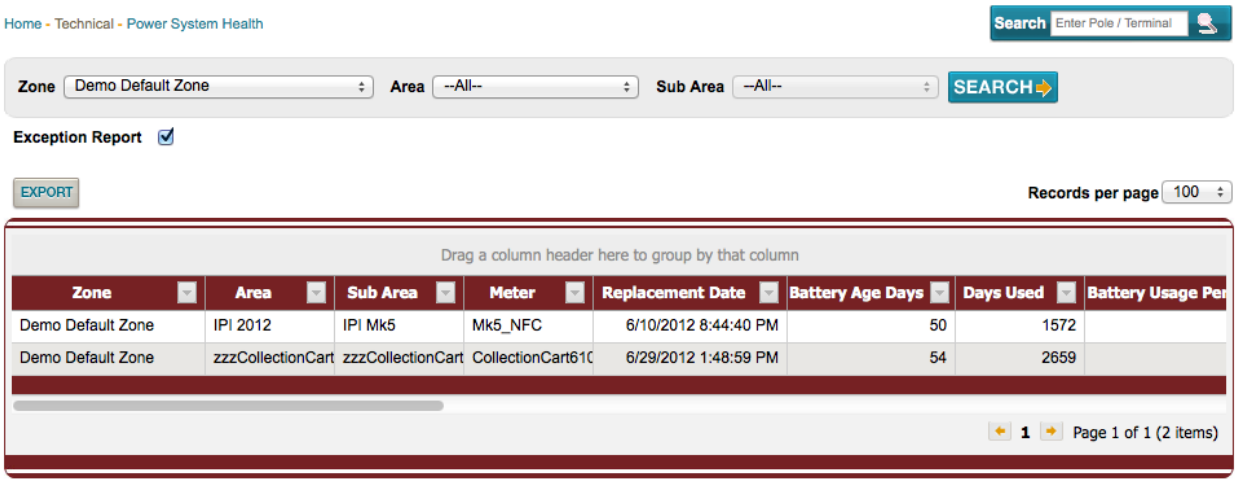
(For example only)



Date	Time	Pole	Terminal	Main Battery Voltage	Backup Battery Voltage	Current Solar Voltage	Running Time	Resets	Software Version	Signal Strength	Last Connection Duration	Last Connection Duration
01/08/2013	02:12:08 PM	M-12	0029512	3,269	3,392	3,606	30	52	32.49	5	114	114
01/07/2013	02:19:33 PM	M-12	0029512	4,249	4,385	4,559	29	52	32.49	10	17	17
01/06/2013	04:53:43 PM	M-12	0029512	3,606	3,724	3,807	28	52	32.49	4	18	18
01/04/2013	05:13:01 PM	M-12	0029512	4,355	4,491	2,263	26	52	32.49	11	17	17
01/04/2013	03:53:45 PM	M-12	0029512	5,559	6,809	5,864	26	52	32.49	11	17	17
01/03/2013	11:18:16 PM	M-12	0029512	3,274	3,397	1,398	25	52	32.49	8	17	17
01/03/2013	05:12:56 PM	M-12	0029512	4,372	4,506	2,024	25	52	32.49	10	20	20
01/03/2013	05:12:40 PM	M-12	0029512	4,471	4,609	2,059	25	52	32.49	10	20	20
01/03/2013	11:12:18 AM	M-12	0029512	3,842	3,955	4,176	24	52	32.49	12	17	17
01/02/2013	08:16:42 PM	M-12	0029512	4,010	4,124	1,106	24	52	32.49	9	21	21

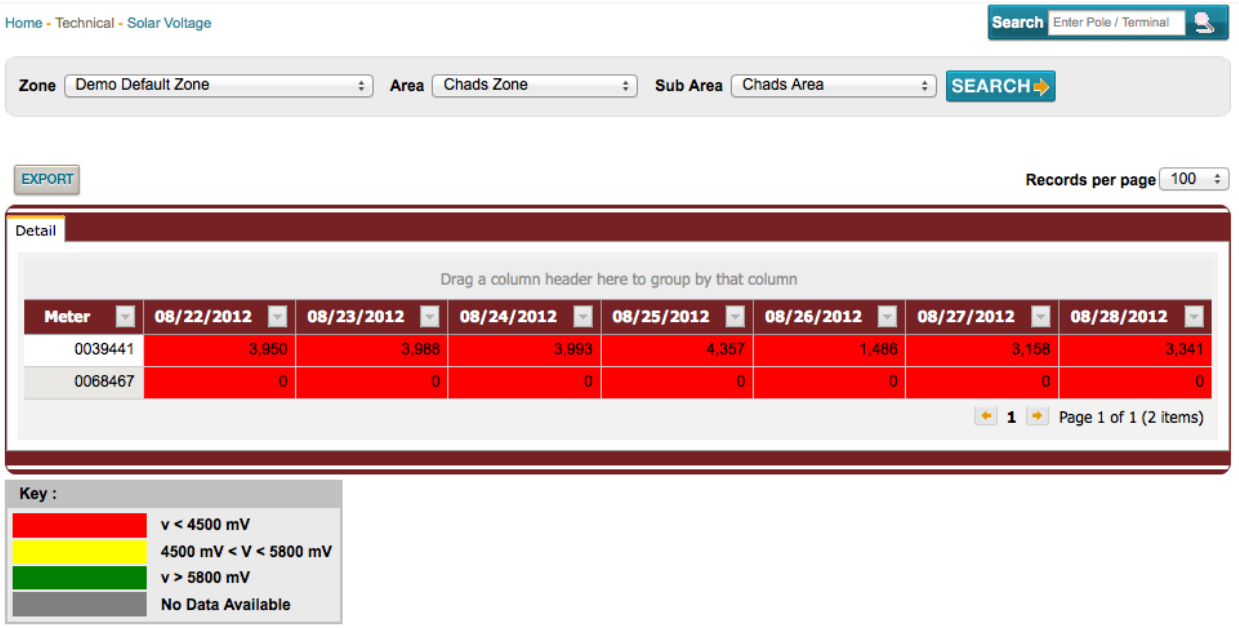
Power System Health

(For example only)



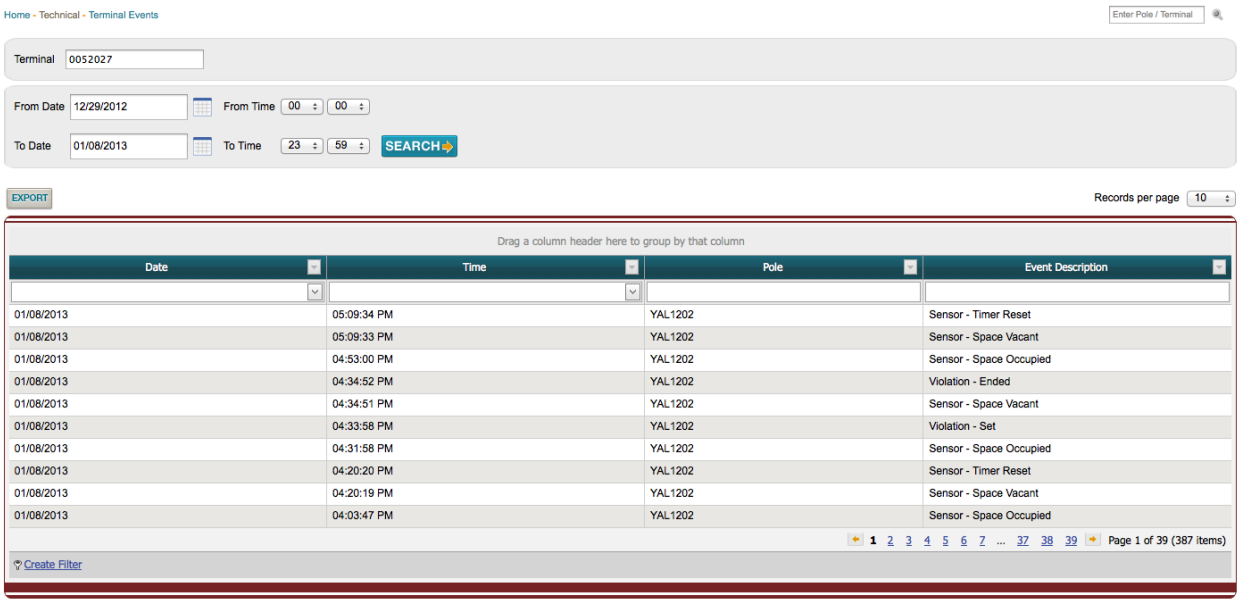
Solar Voltage Report

(For example only)



Terminal Events

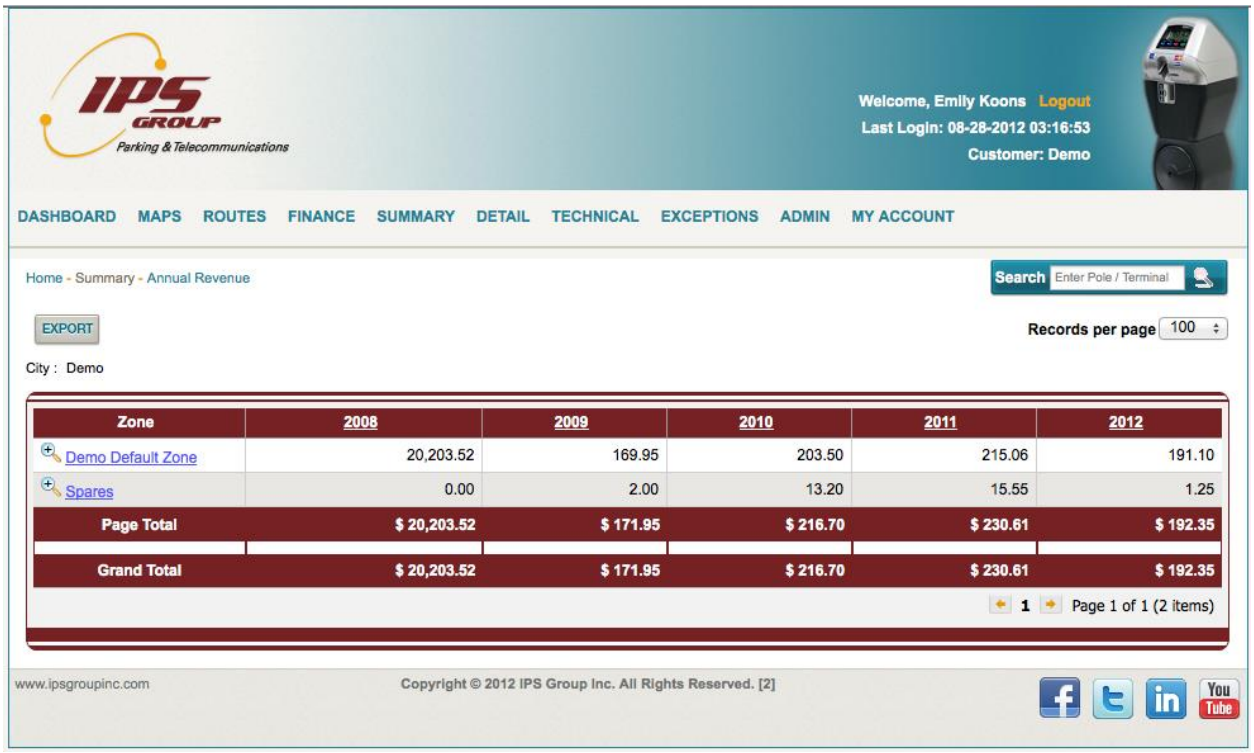
(For example only)



SUMMARY REPORTS

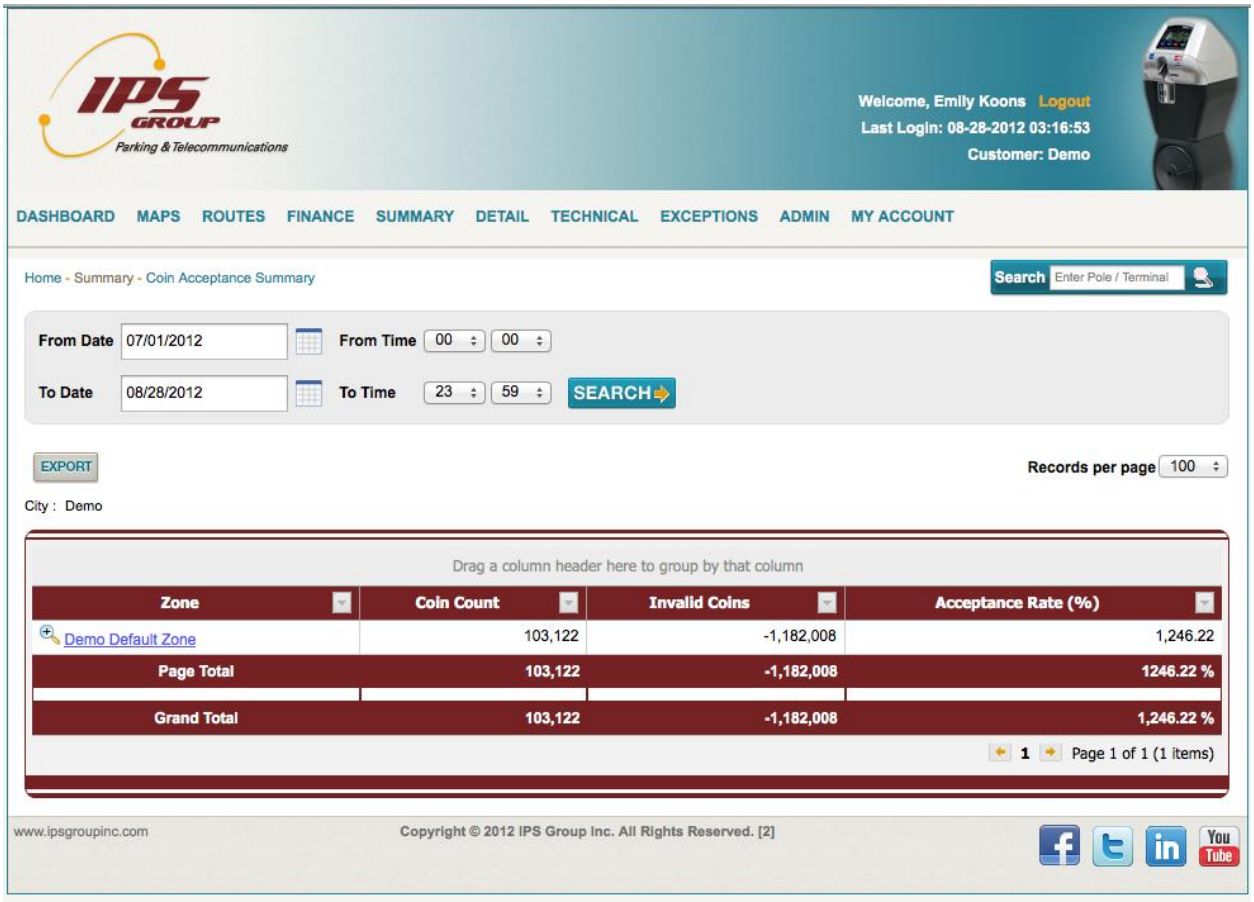
Annual Revenue

(For example only)



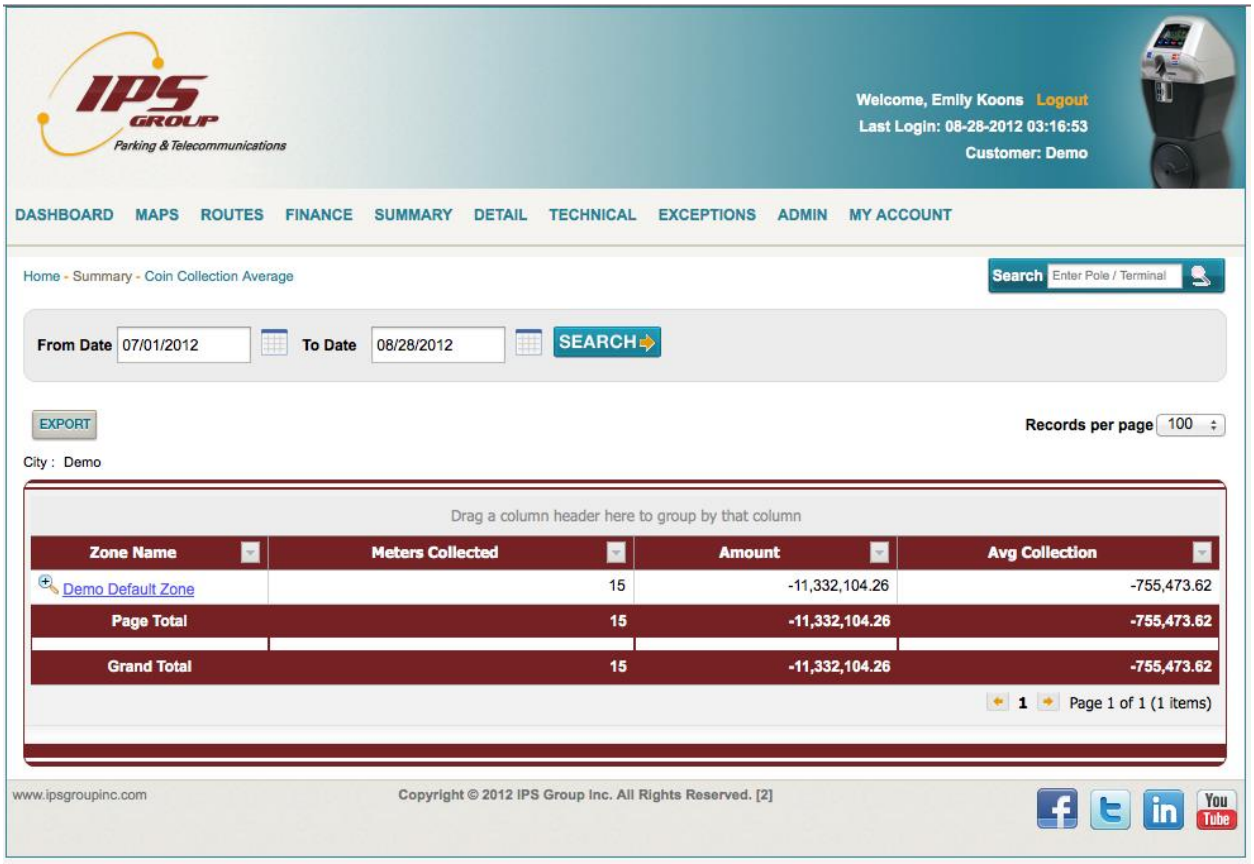
Coin Acceptance Summary

(For example only)



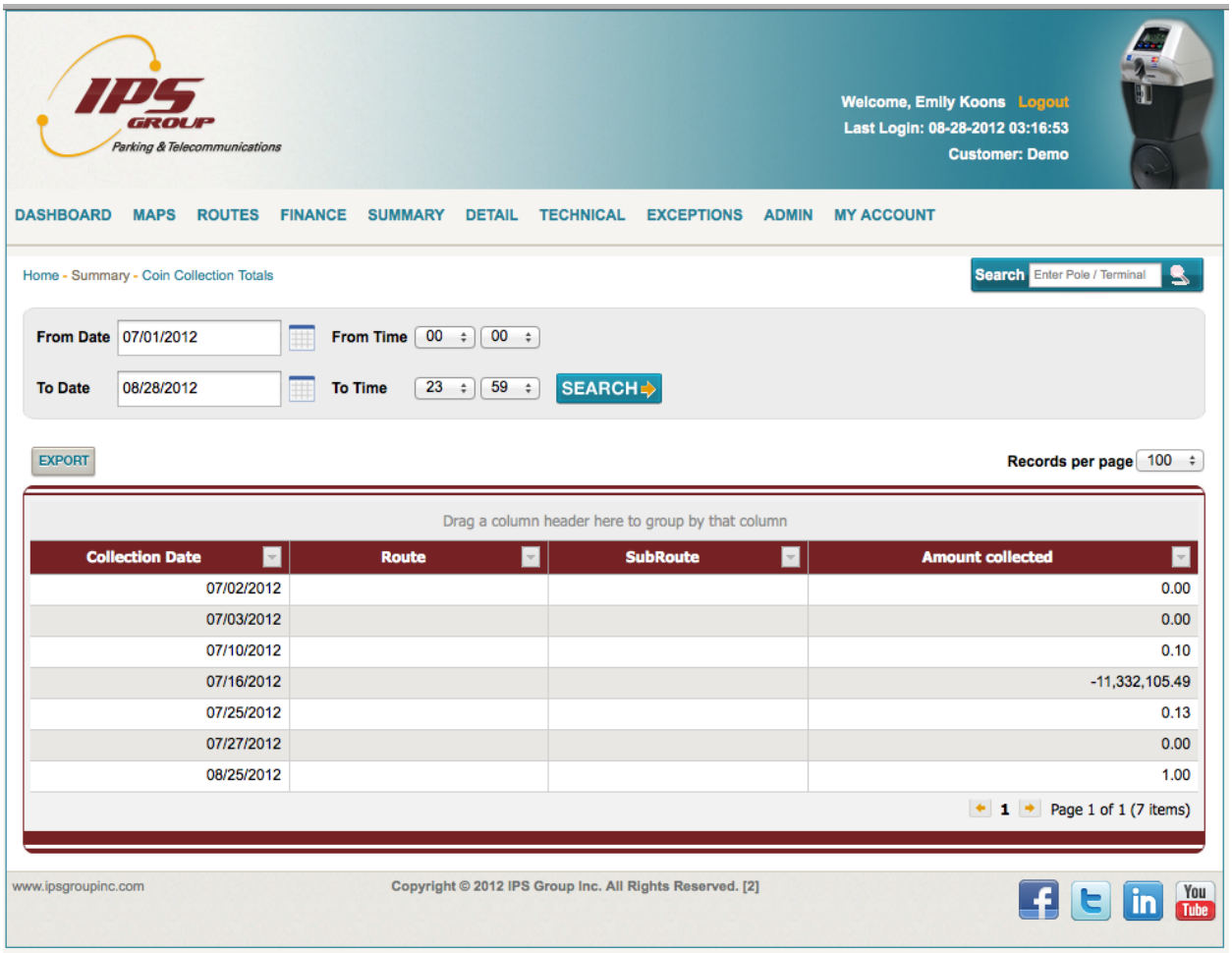
Coin Collection Average

(For example only)



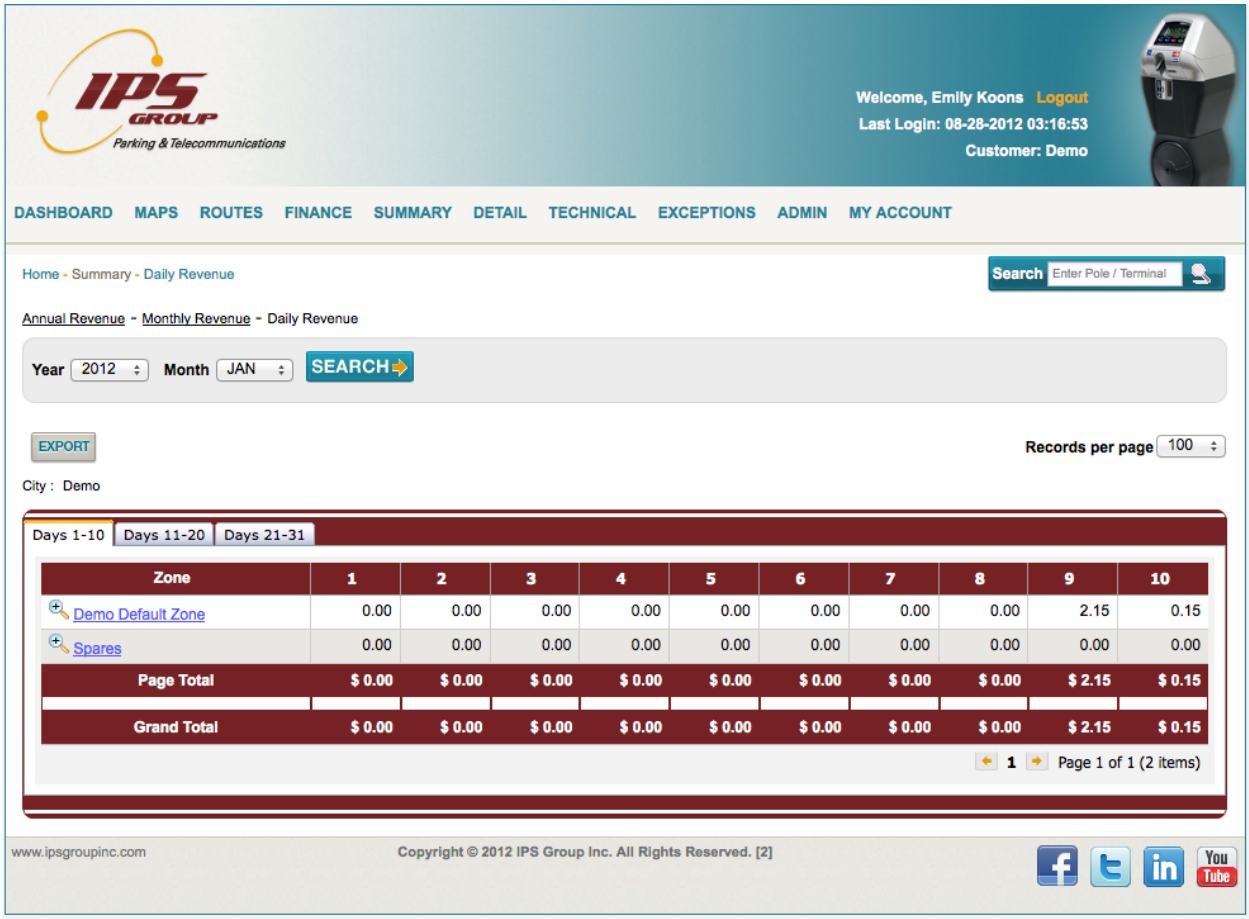
Coin Collection Totals

(For example only)



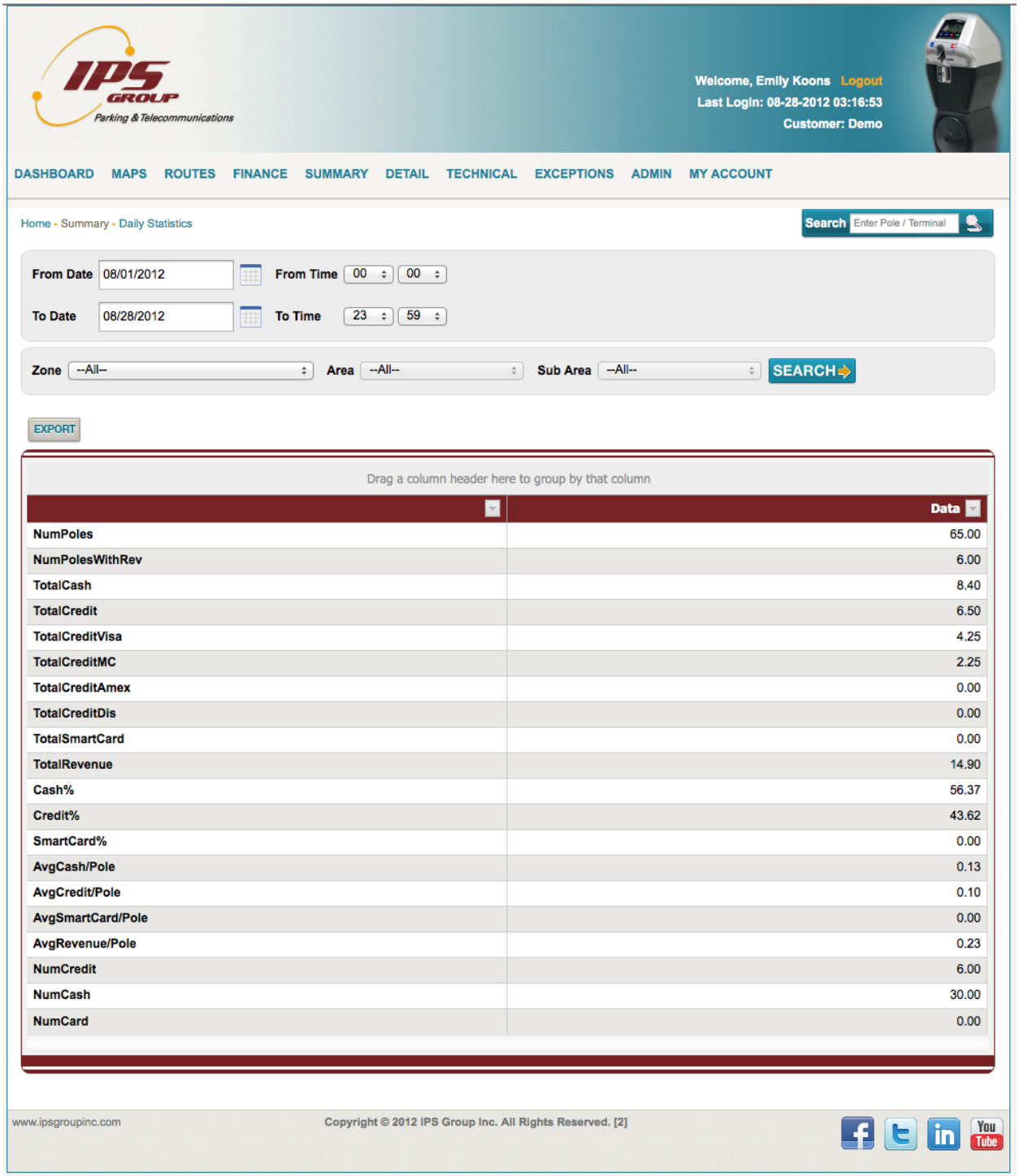
Daily Revenue

(For example only)



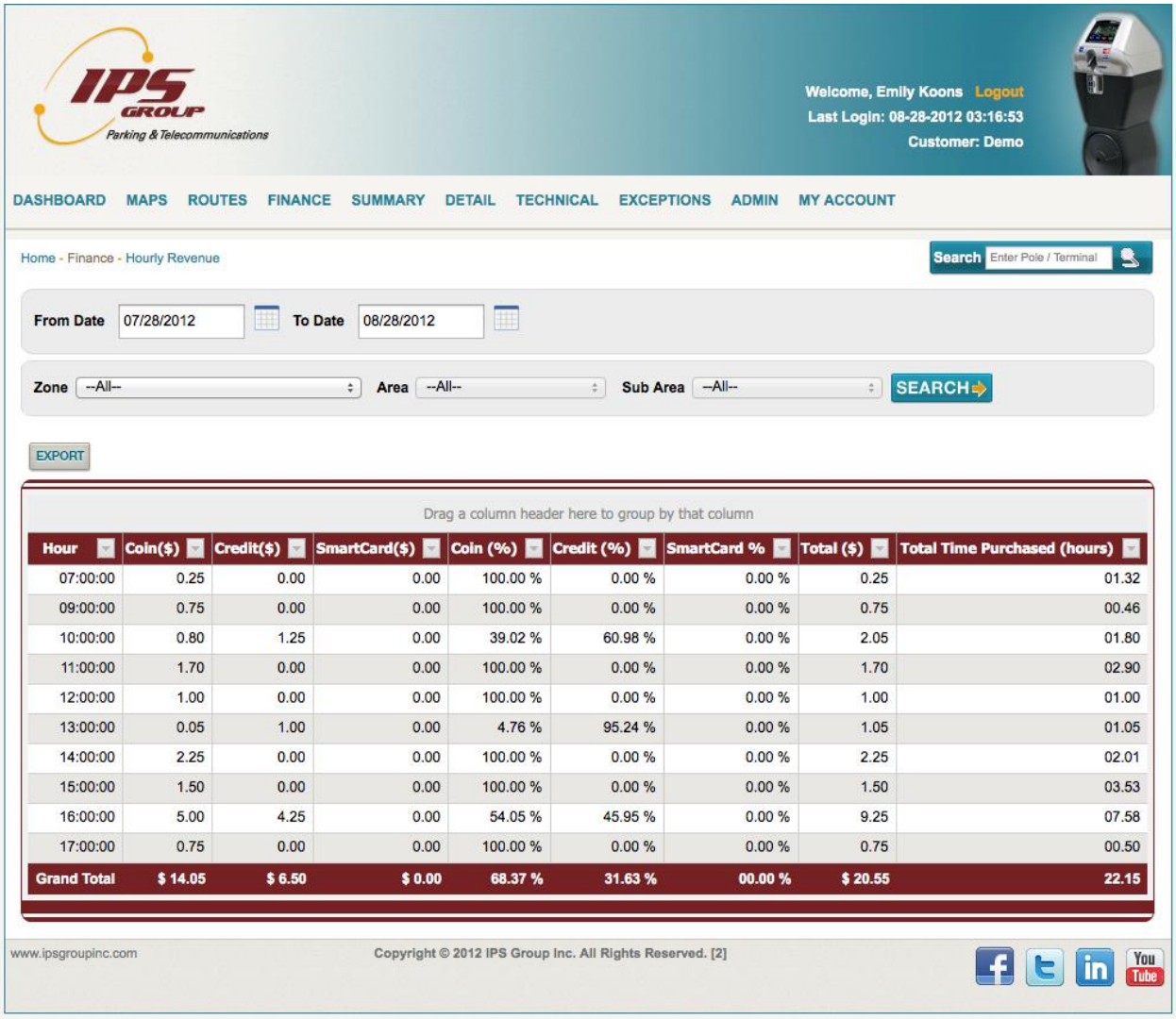
Daily Statistics

(For example only)



Hourly Revenue

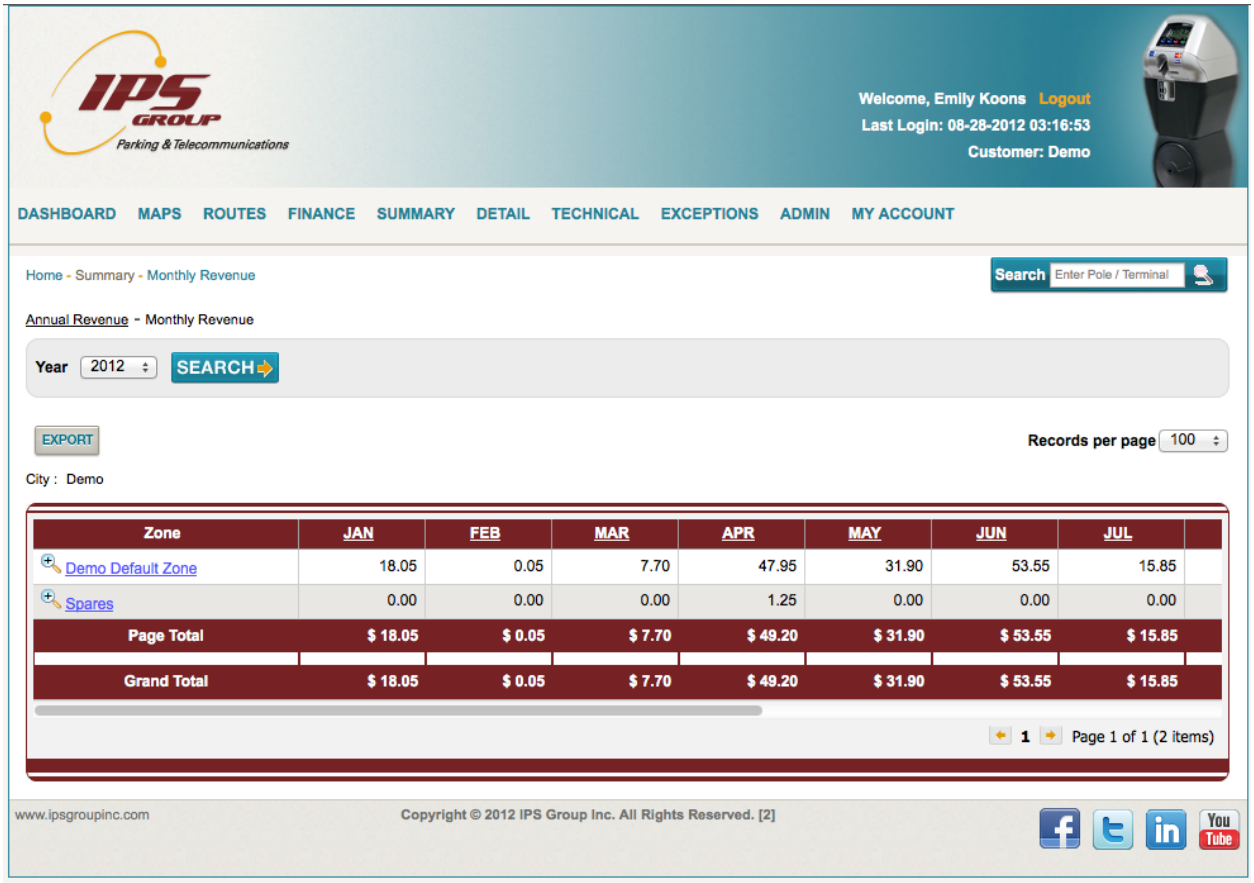
(For example only)



Hour	Coin($)	Credit($)	SmartCard($)	Coin (%)	Credit (%)	SmartCard %	Total ($)	Total Time Purchased (hours)
07:00:00	0.25	0.00	0.00	100.00 %	0.00 %	0.00 %	0.25	01.32
09:00:00	0.75	0.00	0.00	100.00 %	0.00 %	0.00 %	0.75	00.46
10:00:00	0.80	1.25	0.00	39.02 %	60.98 %	0.00 %	2.05	01.80
11:00:00	1.70	0.00	0.00	100.00 %	0.00 %	0.00 %	1.70	02.90
12:00:00	1.00	0.00	0.00	100.00 %	0.00 %	0.00 %	1.00	01.00
13:00:00	0.05	1.00	0.00	4.76 %	95.24 %	0.00 %	1.05	01.05
14:00:00	2.25	0.00	0.00	100.00 %	0.00 %	0.00 %	2.25	02.01
15:00:00	1.50	0.00	0.00	100.00 %	0.00 %	0.00 %	1.50	03.53
16:00:00	5.00	4.25	0.00	54.05 %	45.95 %	0.00 %	9.25	07.58
17:00:00	0.75	0.00	0.00	100.00 %	0.00 %	0.00 %	0.75	00.50
Grand Total	**$ 14.05**	**$ 6.50**	**$ 0.00**	**68.37 %**	**31.63 %**	**00.00 %**	**$ 20.55**	**22.15**

Monthly Revenue

(For example only)



Monthly Statistics

(For example only)

Drag a column header here to group by that column

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
# Meters Reporting Revenue	14	4	7	11	14	16	22	20	0	0	0	0
Total Cash	$ 5.30	$ 0.05	$ 3.70	$ 47.70	$ 16.65	$ 18.55	$ 9.85	$ 9.55	$ 0.00	$ 0.00	$ 0.00	$ 0.00
Total Credit	$ 12.75	$ 0.00	$ 4.00	$ 1.50	$ 15.25	$ 35.00	$ 6.00	$ 6.50	$ 0.00	$ 0.00	$ 0.00	$ 0.00
Total SmartCard	$ 0.00	$ 0.00	$ 0.00	$ 0.00	$ 0.00	$ 0.00	$ 0.00	$ 0.00	$ 0.00	$ 0.00	$ 0.00	$ 0.00
Total Rev	$ 18.05	$ 0.05	$ 7.70	$ 49.20	$ 31.90	$ 53.55	$ 15.85	$ 16.05	$ 0.00	$ 0.00	$ 0.00	$ 0.00
Total Rev with SmartCard	18.05	0.05	7.70	49.20	31.90	53.55	15.85	16.05	0.00	0.00	0.00	0.00
Cash %	29 %	100 %	48 %	97 %	52 %	35 %	62 %	60 %	0 %	0 %	0 %	0 %
Credit %	71 %	0 %	52 %	3 %	48 %	65 %	38 %	41 %	0 %	0 %	0 %	0 %
SmartCard %	0 %	0 %	0 %	0 %	0 %	0 %	0 %	0 %	0 %	0 %	0 %	0 %
Avg Cash / Pole	$ 0.38	$ 0.01	$ 0.53	$ 4.34	$ 1.19	$ 1.16	$ 0.45	$ 0.48	$ 0.00	$ 0.00	$ 0.00	$ 0.00
Avg Credit / Pole	$ 0.91	$ 0.00	$ 0.57	$ 0.14	$ 1.09	$ 2.19	$ 0.27	$ 0.33	$ 0.00	$ 0.00	$ 0.00	$ 0.00
Avg SmartCard / Pole	$ 0.00	$ 0.00	$ 0.00	$ 0.00	$ 0.00	$ 0.00	$ 0.00	$ 0.00	$ 0.00	$ 0.00	$ 0.00	$ 0.00
Avg Rev / Pole	$ 1.29	$ 0.01	$ 1.10	$ 4.47	$ 2.28	$ 3.35	$ 0.72	$ 0.80	$ 0.00	$ 0.00	$ 0.00	$ 0.00
Avg Rev with SmartCard / Pole	1.29	0.01	1.10	4.47	2.28	3.35	0.72	0.80	0.00	0.00	0.00	0.00
# Cash	20	1	11	56	40	39	26	39	0	0	0	0
# Credit	9	0	2	1	15	39	4	6	0	0	0	0
# SmartCard	0	0	0	0	0	0	0	0	0	0	0	0
# Total	29	1	13	57	55	78	30	45	0	0	0	0
# Total With SmartCard	29.00	1.00	13.00	57.00	55.00	78.00	30.00	45.00	0.00	0.00	0.00	0.00
Avg # Cash / Pole	1	0	1	5	2	2	1	1	0	0	0	0
Avg # Credit / Pole	0	0	0	0	1	2	0	0	0	0	0	0
Avg # SmartCard / Pole	0	0	0	0	0	0	0	0	0	0	0	0
Avg # Total / Pole	2	0	1	5	3	4	1	2	0	0	0	0
Avg # Total with SmartCard / Pole	2.00	0.00	1.00	5.00	3.00	4.00	1.00	2.00	0.00	0.00	0.00	0.00
Avg Cash Trans	$ 0.27	$ 0.05	$ 0.34	$ 0.85	$ 0.42	$ 0.48	$ 0.38	$ 0.24	$ 0.00	$ 0.00	$ 0.00	$ 0.00
Avg Credit Trans	$ 1.42	$ 0.00	$ 2.00	$ 1.50	$ 1.02	$ 0.90	$ 1.50	$ 1.08	$ 0.00	$ 0.00	$ 0.00	$ 0.00

Monthly Statistics Enhanced

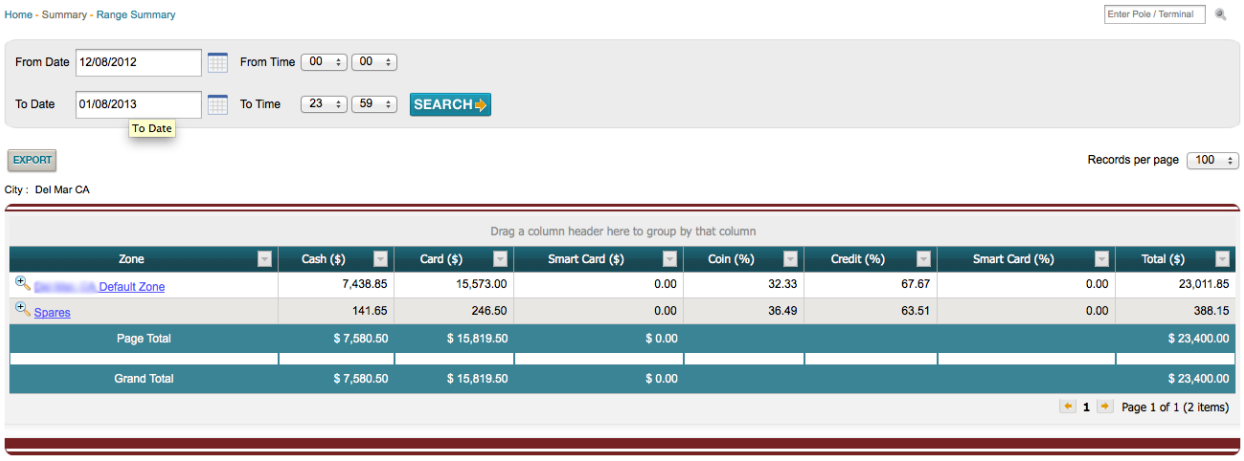
(For example only)

Drag a column header here to group by that column

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov
# Meters Reporting Revenue	14	4	7	11	14	16	22	19	0	0	
# Meters Installed/Billable	21	21	21	21	22	31	36	36	0	0	
REVENUE TRANSACTIONS											
# Coin transactions	20	1	11	56	40	39	26	30	0	0	
$ Coin transactions	5.30	0.05	3.70	47.70	16.65	18.55	9.85	8.40			
# Credit card transactions	9	0	2	1	15	39	4	6	0	0	
$ Credit card transactions	12.75	0.00	4.00	1.50	15.25	35.00	6.00	6.50			
# SmartCard transactions	0	0	0	0	0	0	0	0	0	0	
$ SmartCard transactions	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
# Smartcard Refund transactions	0	0	0	0	0	0	0	0	0	0	
$ Smartcard Refund transactions	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
NON- REVENUE TRANSACTIONS											
# Maintenance Card transactions	20	4	29	8	25	36	43	37	0	0	
$ Maintenance Card	37.50	6.00	57.75	10.25	40.50	85.50	76.00	43.55			
# Diagnostic Card transactions	38	12	20	28	54	98	46	63	0	0	
# Coin Collection transactions	6	0	3	7	8	59	13	2	0	0	
# Coin Collected	0	0	0	0	0	0	645	0	0	0	
$ Coin Collected	285.00	0.00	75.00	10,297.00	500.00	960.00	-1,133,210,5	100.00			
# Meter Timer Reset (Sensor)	0	0	0	1	9	30	0	0	0	0	
Total Sensor Time Reset (Hours)	00:00:00	00:00:00	00:00:00	00:07:06	02:36:57	12:00:29	00:00:00	00:00:00	00:00:00	00:00:00	00:0
# Courtesy Time	0	0	111	140	224	61	28	27	0	0	
Total Sensor Courtesy Time (Hour	00:00:00	00:00:00	1.16:30:00	16:41:57	3.02:30:00	15:56:05	04:40:00	06:45:00	00:00:00	00:00:00	00:0
Total Remote Payment (Hours)	01:58:02	00:00:00	00:46:26	01:45:23	05:21:37	1.23:29:43	08:55:36	01:59:32	00:00:00	00:00:00	00:0
OPERATIONAL STATISTICS											
# Coin Acceptor Blockages	7	19	4	61	12	30	56	4	0	0	
# Card Reader Blockages	0	0	4	0	0	0	0	0	0	0	
Up Time %	100.00	99.99	99.96	99.98	100.00	97.15	99.96	99.75			
# Violation Reported	0	0	0	3	7	0	0	0	0	0	
# Meter Swaps	0	0	0	0	2	1	1	1	0	0	

Range Summary

(For example only)



Home - Summary - Range Summary

Enter Pole / Terminal

From Date 12/08/2012 From Time 00 00

To Date 01/08/2013 To Time 23 59 SEARCH

To Date

EXPORT

Records per page 100

City : Del Mar CA

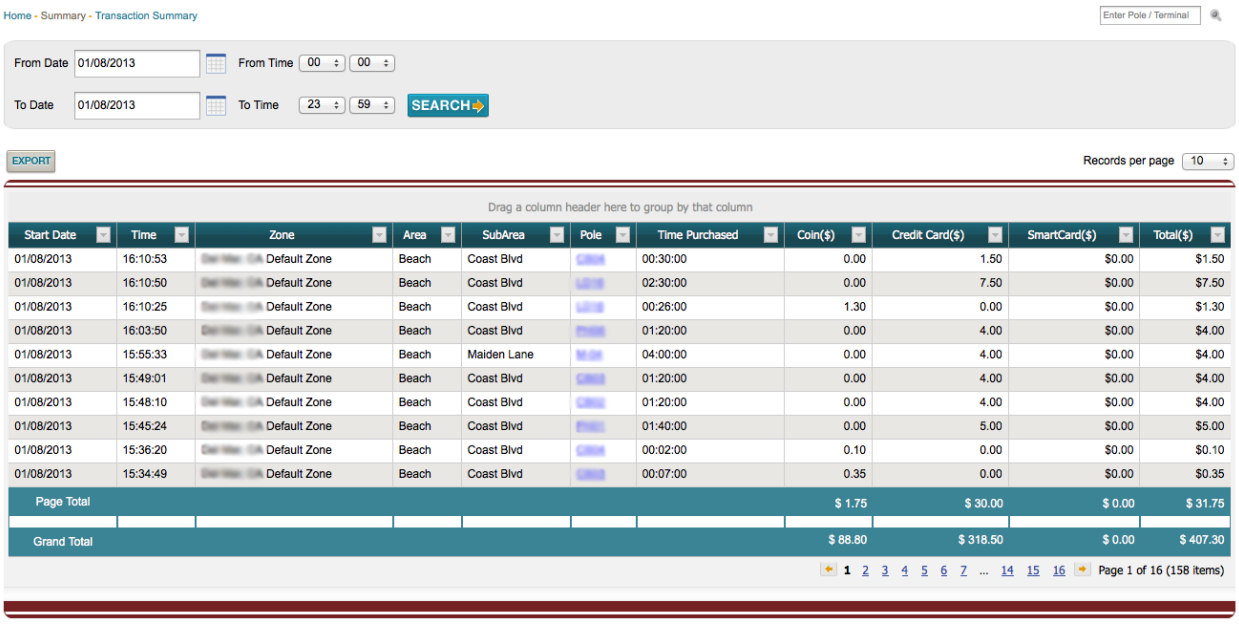
Drag a column header here to group by that column

Zone	Cash ($)	Card ($)	Smart Card ($)	Coin (%)	Credit (%)	Smart Card (%)	Total ($)
[redacted] Default Zone	7,438.85	15,573.00	0.00	32.33	67.67	0.00	23,011.85
Spares	141.65	246.50	0.00	36.49	63.51	0.00	388.15
Page Total	$ 7,580.50	$ 15,819.50	$ 0.00				$ 23,400.00
Grand Total	$ 7,580.50	$ 15,819.50	$ 0.00				$ 23,400.00

1 Page 1 of 1 (2 items)

Transaction Summary

(For example only)



Home - Summary - Transaction Summary

Enter Pole / Terminal

From Date 01/08/2013 From Time 00 00

To Date 01/08/2013 To Time 23 59 SEARCH

EXPORT

Records per page 10

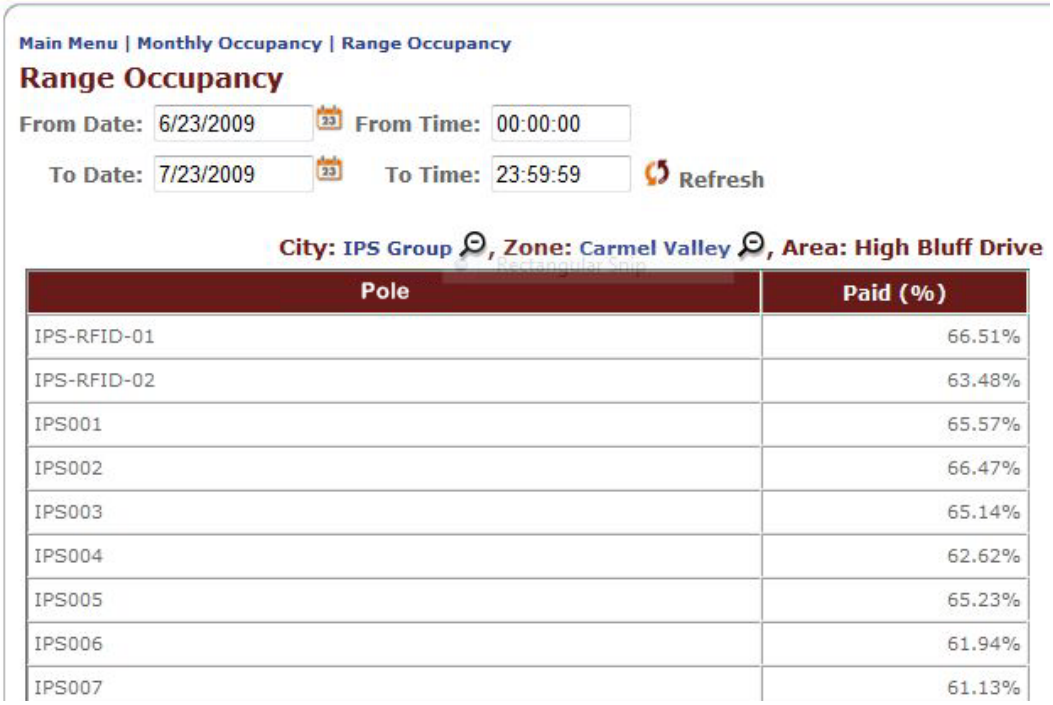
Drag a column header here to group by that column

Start Date	Time	Zone	Area	SubArea	Pole	Time Purchased	Coin($)	Credit Card($)	SmartCard($)	Total($)
01/08/2013	16:10:53	[redacted] Default Zone	Beach	Coast Blvd	[redacted]	00:30:00	0.00	1.50	$0.00	$1.50
01/08/2013	16:10:50	[redacted] Default Zone	Beach	Coast Blvd	[redacted]	02:30:00	0.00	7.50	$0.00	$7.50
01/08/2013	16:10:25	[redacted] Default Zone	Beach	Coast Blvd	[redacted]	00:26:00	1.30	0.00	$0.00	$1.30
01/08/2013	16:03:50	[redacted] Default Zone	Beach	Coast Blvd	[redacted]	01:20:00	0.00	4.00	$0.00	$4.00
01/08/2013	15:55:33	[redacted] Default Zone	Beach	Maiden Lane	[redacted]	04:00:00	0.00	4.00	$0.00	$4.00
01/08/2013	15:49:01	[redacted] Default Zone	Beach	Coast Blvd	[redacted]	01:20:00	0.00	4.00	$0.00	$4.00
01/08/2013	15:48:10	[redacted] Default Zone	Beach	Coast Blvd	[redacted]	01:20:00	0.00	4.00	$0.00	$4.00
01/08/2013	15:45:24	[redacted] Default Zone	Beach	Coast Blvd	[redacted]	01:40:00	0.00	5.00	$0.00	$5.00
01/08/2013	15:36:20	[redacted] Default Zone	Beach	Coast Blvd	[redacted]	00:02:00	0.10	0.00	$0.00	$0.10
01/08/2013	15:34:49	[redacted] Default Zone	Beach	Coast Blvd	[redacted]	00:07:00	0.35	0.00	$0.00	$0.35
Page Total							$ 1.75	$ 30.00	$ 0.00	$ 31.75
Grand Total							$ 88.80	$ 318.50	$ 0.00	$ 407.30

1 2 3 4 5 6 7 ... 14 15 16 Page 1 of 16 (158 items)

Meter Occupancy Reports

(For example only)



Main Menu | Monthly Occupancy | Range Occupancy

Range Occupancy

From Date: 6/23/2009 From Time: 00:00:00

To Date: 7/23/2009 To Time: 23:59:59 Refresh

City: IPS Group, Zone: Carmel Valley, Area: High Bluff Drive

Pole	Paid (%)
IPS-RFID-01	66.51%
IPS-RFID-02	63.48%
IPS001	65.57%
IPS002	66.47%
IPS003	65.14%
IPS004	62.62%
IPS005	65.23%
IPS006	61.94%
IPS007	61.13%

VEHICLE DETECTION SENSOR REPORTS

Occupancy Report

(For example only)

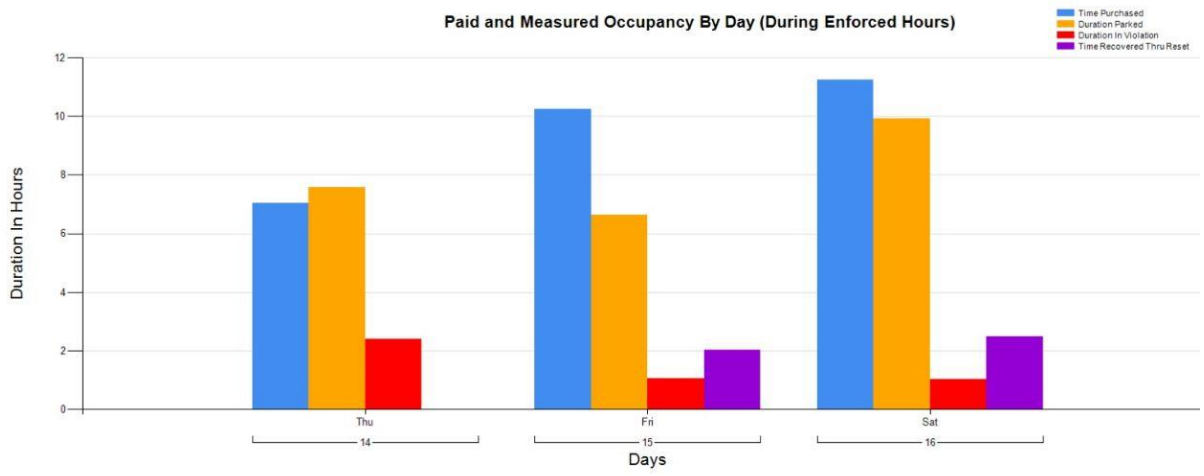
Main Menu | Occupancy Report

Occupancy Report

From Date: 6/13/2010 From Time: 00:00:00

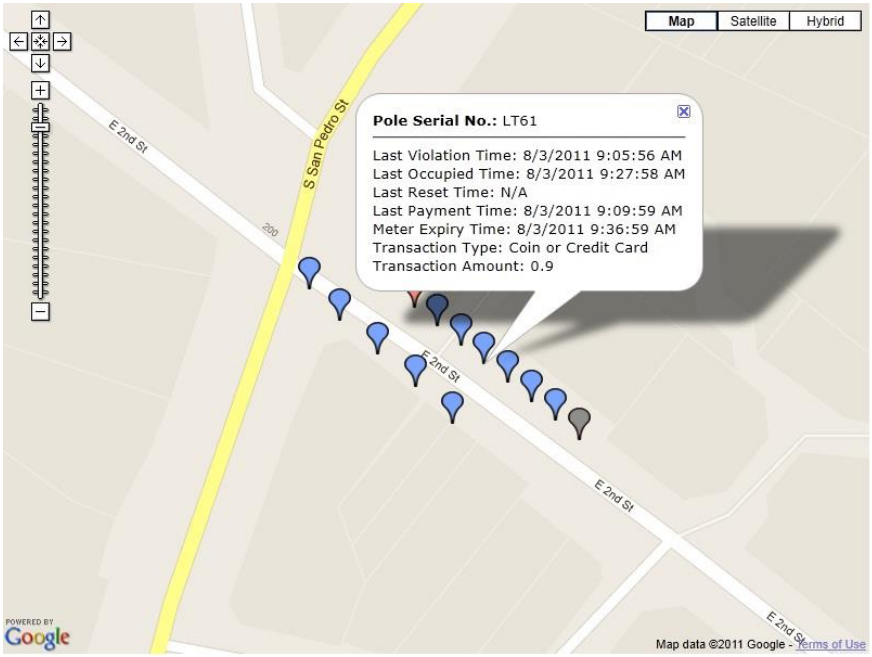
To Date: 6/13/2010 To Time: 23:59:59 Refresh

Terminal	Occupancy [min]	% Occupancy	Paid Occupancy [min]	% Paid Occupancy	Meter
0029682	864	61	615	43	LD01
0003007	711	50	625	44	LD02
0029512	845	61	444	32	LD03
0029817	871	61	603	42	LD04



Occupancy Report via *Google Maps*

(For example only)



Available Spaces
Spaces in violation
Non Reporting Spaces
Occupied spaces

Last Updated: 08/03/2011 12:42:16 PM Pacific Time

J. ADA COMPLIANCE

Persons with disabilities who require reasonable accommodation to participate in City programs and/or services may call the Equal Opportunity Manager, Office of Human Resources and Risk Management at (954) 921-3218 (voice). If an individual is hearing or speech impaired, please call Florida Relay Service 1-800-955-8771.

K. PUBLIC ENTITY CRIMES

"A person or affiliate who has been placed on the convicted vendor list following a conviction for public entity crime may not submit a bid on a contract to provide any goods or services to a public entity, may not submit a bid on a contract with a public entity for the construction or repair of a public building or public work, may not submit bids on leases of real property to public entity, may not be awarded or perform work as a contractor, supplier, subcontractor, or consultant under a contract with any public entity, and may not transact business with any public entity in excess of the threshold amount provided in Section 287.017, for CATEGORY TWO for a period of 36 months from the date of being placed on the convicted vendor list."

HOLD HARMLESS AND INDEMNITY CLAUSE:

IPS Group, Inc. Chad Randall

(Company Name and Authorized Signature, Print Name),
the contractor shall indemnify, defend and hold harmless the City of Hollywood, its elected and appointed officials, employees and agents for any and all suits, actions, legal or administrative proceedings, claims, damage, liabilities, interest, attorney's fees, costs of any kind whether arising prior to the start of activities or following the completion or acceptance and in any manner directly or indirectly caused, occasioned or contributed to in whole or in part by reason of any act, error or omission, fault or negligence whether active or passive by the contractor, or anyone acting under its direction, control, or on its behalf in connection with or incident to its performance of the contract.

IPS Group, Inc. Chad Randall

(Company Name and Authorized Signature, Print Name),
further certifies that it will meet all insurance requirements of the City of Hollywood and agrees to produce valid, timely certificates of coverage.

The City reserves the right to require any other insurance coverage it deems necessary depending upon the exposures.

L. DECLARATION

The aforementioned, as Proposer (herein used in the masculine singular, irrespective of actual gender and number), declares, under oath that no other person has any interest in this Proposal or in any resulting agreement to which this Proposal pertains, that this Proposal is not made with connection or arrangement with any other persons, and that this Proposal is made without collusion or fraud.

The Proposer further declares that he has complied in every respect with all the instructions to Proposers, that he has read all addenda, if any, issued prior to the opening of Proposals, and that he has satisfied himself fully relative to all matters and conditions with respect to the general conditions of the agreement and all relevant information to which this proposal pertains.

M. DISCLOSURE OF CONFLICT OF INTEREST

Vendor shall disclose below, to the best of his or her knowledge, any City of Hollywood officer or employee, or any relative of any such officer or employee as defined in Section 112.3135, Florida Statutes, who is an officer, partner, director or proprietor of, or has a material interest in the vendor's business or its parent company, any subsidiary, or affiliated company, whether such City official or employee is in a position to influence this procurement or not.

Failure of a vendor to disclose any relationship described herein shall be reason for debarment in accordance with the provisions of the City of Hollywood Purchasing Ordinance.

Name	Relationship
_____	_____
_____	_____

In the event the vendor does not indicate any name, the City shall interpret this to mean that no such relationship exists.

City of Hollywood, Florida

PROCUREMENT SERVICES DIVISION RM. 303
P. O. BOX 229045 ZIP 33022-9045

NOTICE TO BIDDERS

NOTICE IS HEREBY GIVEN, that the City Commission of the City of Hollywood, Florida is advertising for Sealed Proposals which will be received by the City Clerk of the City of Hollywood, Florida at City Hall, 2600 Hollywood Boulevard, Room 221, Hollywood, Florida until **3:00 P.M., Tuesday, November 12, 2013**, at which time they will be opened and publicly read in the Procurement Services Division, Room 303, City Hall, 2600 Hollywood Boulevard, Hollywood, Florida. FOR: **Credit Card Enabled Singles Space Meters**

NOTE: A Cone of Silence is in effect with respect to this RFP. The Cone of Silence prohibits certain communications between potential vendors and the City. For further information, please refer to Section 30.15(F) of the City's Code of Ordinances.

RFP-4382-14-JE
ADDENDUM NO. 1

Note: Additional Information Needed:

- **In addition to Section 8.4 of the RFP, please include samples of the reports as listed under this section with your RFP response.**

All other specifications, terms & conditions remain the same.

MAILED RFP'S:
If you have already submitted your printed proposals, it will be retained in the City Clerk's Office until the Proposals Opening time and date. If you wish to pick up your Proposal that has already been submitted, you can do so by showing proper identification, in the Office of the City Clerk, 2600 Hollywood Blvd, Room 221, Hollywood, Florida 33020.

Please sign and return with your Proposal.

COMPANY NAME: IPS Group, Inc.

BIDDER'S SIGNATURE _____

Dated this 24th, day of October, 2013

NOTE: IPS has recently undergone our annual PCI audit and is proud to have passed as required by industry specifications. If the City would like a letter from our auditor confirming this fact, IPS is pleased to do so. An updated certificate reflecting this fact will be available shortly.

Certificate of Compliance

This award acknowledges that

IPS Group

has successfully completed the

Payment Card Industry Assessment

Level 1 Service Provider

performed by

Tevora, Inc.

A Qualified Security Assessor (QSA)

Valid: October 12 2012

Expires: October 11 2013

Ray Zadjmool, President
Tevora Business Solutions, Inc.

This designation is subject to re-qualification at 12-month intervals.

Certified Customer Name:	IPS Group
Certified Customer Address:	5601 Oberlin Drive, Suite 100 San Diego, CA 92121
Certified Service Area:	POS Managed Services Payment Gateway Services
Certified Co-Location Sites:	San Diego, CA

This certificate is only issued to organizations that have met PCI security program requirements.

This certificate is for the sole purpose of indicating compliance with PCI security programs. Tevora, Inc. makes no express or implied warranty or representations with respect to whether the customer's systems are secure against compromise.

Customers must retain all detailed assessment documentation for review upon request by organizations authorized under PCI security programs. Tevora, Inc. retains all detailed documentation and working papers in order to comply with PCI security program requirements.

Customers are responsible for maintaining compliance with the PCI Standard. Periodic and ongoing reassessments are requirements under PCI security programs. Significant customer changes may require reassessment.

It is understood that Tevora's assessment represents a point in time interpretation of the customers adherence to the PCI Data Security Standards (v. 2.0) based upon the standardized documents and procedures provided under PCI security programs.

This designation is subject to re-qualification at 12-month intervals.

TEVORA
Business Solutions

Certificate of Compliance

This award acknowledges that

Single Space Parking Meter v 3.2.18

Parking Meter Manager v2.1.0.10

has successfully completed the

Payment Application

Data Security Standard Assessment

performed by

Tevora Business Solutions, Inc.

Ray Zadjmool, President
Tevora Business Solutions, Inc.

Certified on: September 18, 2009
Re-validated on: September 17, 2012
Valid until: October 28, 2013

This designation is subject to re-qualification at 36-month intervals.

Certified Customer Name:	IPS Group Inc.
Certified Customer Address:	5601 Oberlin Drive, Suite 100 San Diego, CA 92121
Certified Payment Application and Version:	Single Space Parking Meter (SSPM) v 3.2.18 Parking Meter Manager v 2.1.0.10

This certificate is only issued to organizations that have met PA-DSS Security Standards program requirements.

This certificate is for the sole purpose of indicating compliance with the Payment Card Industry PA-DSS Security Standards program. Tevora Business Solutions makes no express or implied warranty or representations with respect to whether the customer's systems are secure against compromise.

Customers must retain all detailed assessment documentation for review upon request by organizations authorized under PA-DSS Security Standards program. Tevora Business Solutions retains all detailed documentation and working papers in order to comply with PA-DSS Security Standards program requirements.

Customers are responsible for maintaining compliance with the Payment Card Industry PA-DSS Security Standards. Periodic and ongoing reassessments are requirements under the PA-DSS Security Standards program. Significant customer changes may require reassessment.

It is understood that Tevora's assessment represents a point in time interpretation of the customers adherence to the Payment Card Industry PA-DSS Security Standards (v. 1.2) based upon the standardized documents and procedures provided under Payment Card Industry PA-DSS Security Standards program.

This designation is subject to re-qualification at 36-month intervals.

OP ID: J5

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY) 06/04/2013

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER Leavitt Ins Agency San Diego CA License #0B72756 3636 Nobel Drive, Suite 100 San Diego, CA 92122 Andrew James Phone: 858-259-5800 Fax: 858-259-6069	CONTACT NAME: PHONE (A/C, No, Ext): FAX (A/C, No): E-MAIL ADDRESS: PRODUCER CUSTOMER ID #: IPSGR-1
INSURED IPS Group Inc. 5601 Oberlin Drive, Suite 100 San Diego, CA 92121	INSURER(S) AFFORDING COVERAGE / NAIC # INSURER A : National Fire Ins of Hartford — 20478 INSURER B : American Casualty Company — 20427 INSURER C : Continental Casualty Co — 20443 INSURER D : Valley Forge Insurance Co — 20508 INSURER E : INSURER F :

COVERAGES CERTIFICATE NUMBER: REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSR	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
A	GENERAL LIABILITY [X] COMMERCIAL GENERAL LIABILITY [ ] CLAIMS-MADE [X] OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: [ ] POLICY [X] PRO-JECT [ ] LOC			4034371571	10/19/2012	10/19/2013	EACH OCCURRENCE DAMAGE TO RENTED PREMISES (Ea occurrence) MED EXP (Any one person) PERSONAL & ADV INJURY GENERAL AGGREGATE PRODUCTS - COMP/OP AGG Emp Ben.	$ 1,000,000 $ 500,000 $ 15,000 $ 1,000,000 $ 2,000,000 $ 2,000,000 $ 1,000,000
B	AUTOMOBILE LIABILITY [ ] ANY AUTO [ ] ALL OWNED AUTOS [ ] SCHEDULED AUTOS [X] HIRED AUTOS [X] NON-OWNED AUTOS			4034371554 NO OWNED AUTOS	10/19/2012	10/19/2013	COMBINED SINGLE LIMIT (Ea accident) BODILY INJURY (Per person) BODILY INJURY (Per accident) PROPERTY DAMAGE (Per accident)	$ 1,000,000 $ $ $
C	[X] UMBRELLA LIAB [X] OCCUR EXCESS LIAB [ ] CLAIMS-MADE [ ] DEDUCTIBLE [X] RETENTION $ 10,000			4034371568	10/19/2012	10/19/2013	EACH OCCURRENCE AGGREGATE	$ 5,000,000 $ 5,000,000
D D	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? Y/N [ ] (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	N/A		5084046939 CALIFORNIA 5084046987 OTHER STATES	03/19/2013 03/19/2013	03/19/2014 03/19/2014	[X] WC STATU-TORY LIMITS [ ] OTH-ER E.L. EACH ACCIDENT E.L. DISEASE - EA EMPLOYEE E.L. DISEASE - POLICY LIMIT	$ 1,000,000 $ 1,000,000 $ 1,000,000
A	Tech E&O/Network/ Privacy/Media			4034371571 DEDUCTIBLE $50,000	10/19/2012	10/19/2013	Occurrenc Aggregate	5,000,000 5,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (Attach ACORD 101, Additional Remarks Schedule, if more space is required)

Evidence of Insurance

CERTIFICATE HOLDER

Evidence of Insurance

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

Janet Astala

Coverage shall include contractual liability assumed under this agreement, owned, hired and non-owned vehicles.

Worker's Compensation:

C. Worker's compensation insurance covering the contractor and the contractor's employees with not less than the following limits:
Worker's Compensation $100,000/500,000/100,000 for coverage

Please Note: The Certificate shall contain a provision that coverage afforded under the policy will not be cancelled until at least thirty (30) days prior written notice has been given to the City. Certificates of insurance, reflecting evidence of the required insurance, shall be provided to the City. In the event the Certificate of Insurance provided indicates that the insurance shall terminate and lapse during the period of this Agreement, the vendor shall furnish, at least thirty (30) days prior to the expiration of the date of such insurance, a renewed Certificate of Insurance as proof that equal and like coverage for the balance of the period of the Agreement or extension thereunder is in effect.

~~The insurance policy shall not contain any exceptions that would exclude coverage for risks that can be directly or reasonably related to the scope of goods or services in this bid/proposal. A violation of this requirement at any time during the term, or any extension thereof shall be grounds for the immediate termination of any contract entered in to pursuant to this bid/proposal. In order to show that this requirement has been met, along with an insurance declaration sheet demonstrating the existence of a valid policy of insurance meeting the requirements of this bid/proposal, the successful proposer must submit a signed statement from insurance agency of record that the full policy contains no such exception.~~

The City reserves the right to require additional insurance in order to meet the full value of the contract.

Brochures

SINGLE-SPACE

PARKING METERS

M5™

IPS™ GROUP

SINGLE-SPACE

PARKING METERS

IPS single-space meters provide customers and their patrons with a simple and consistent parking user experience, which is more cost effective, customer friendly, and more reliable than alternatives. The patented IPS solution uniquely provides a credit card enabled single-space meter mechanism that retrofits into your current on-street parking meter housing. IPS smart meters offer multiple payment options (credit/debit card, contactless payment, coins, smart card, and tokens), access to real-time data, solar power technology, and a comprehensive web-based management system.

PHYSICAL

- Universal single-space meter mechanism retrofits almost all single-space meter housings, including: Duncan, MacKay, and POM
- Easy retrofit installation takes less than 15 seconds and requires zero modifications to existing housing
- Mechanism is protected by zinc alloy meter dome and UV resistant anti-fog Lexan cover
- Key pad has four easy-to-read mechanical buttons for intuitive payment navigation which are rated at more than 250,000 cycles
- Tri-colored LED lights on front and back of meter alert enforcement officers of meter status: paid (green), unpaid (red), and meter fault (yellow)
- Vandal resistant coin slot/chute allows for worry free operation and quick servicing
- Meters use an environmentally friendly solar panel and combination rechargeable/back-up battery pack to maximize ongoing power
- Proven to operate under varying environmental conditions: snow, sleet, rain, humidity, dust storms, and in extreme cold and heat
- RFID Technology – Not only is meter inventory 100% accurate, but even if you swap a meter, RFID technology will automatically identify the meter location and download the correct operating parameters for the exact meter location

"By reusing our existing poles and using clean solar power, these new Coin and Card meters are a win-win for customers, the city, and the environment."

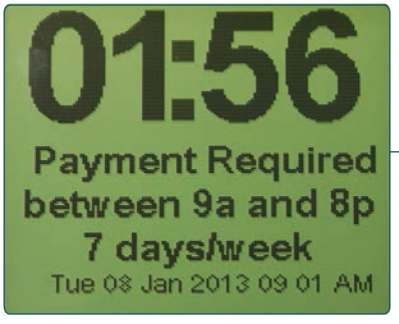
— Los Angeles Mayor Villaraigosa

PAYMENT OPTIONS

- Meters accept payment with credit/debit card, coins, tokens, and smart card at the meter terminal
- Optional contactless payment and NFC applications
- Integrates with pay-by-cell applications for additional customer convenience options
- PA-DSS and Level 1 PCI-DSS certification ensures secure credit card transactions for customers

WIRELESS

- Meters communicate wirelessly via the cellular network and are connected to a web based management system
- No additional communication hardware needs to be installed other than meter mechanism
- No additional customer software other than an internet browser is needed to access the management system
- Meters wirelessly notify parking operations staff of any faults, such as card reader or coin validator jam, via text message, email, or both



GRAPHICAL DISPLAY

- Large 160 X 160 pixel backlit LCD operates at temperatures of -40°F to +185°F (-40°C to +85°C)
- Display toggles between multiple screens which can display metered time, parking rates, maximum stay period messages, current time of day (including when meter will expire), and other alpha-numeric or graphical messages depending on the status of the meter
- Remote programming via web-based management system
- In the event of a coin jam, meter will continue to allow payment via credit/debit card, smart card, or pay-by-cell and will display "Cards Only, No Coins" on the display and the message is reversed if there is a card reader jam

CENTRALIZED DATA MANAGEMENT SYSTEM

- Meter communicates wirelessly via the cellular network to a central data management system
- Ability to integrate with other meter, enforcement, and third party management systems
- Comprehensive set of financial and technical reports, and administrative tools
- Revenue and payment information available in real-time to validate parking enforcement
- Wireless integration of vehicle detection sensors and smart cash collection system for additional enforcement features and parking operations analysis

PROVEN PARKING METER RETROFIT

NEW Model M5

Model 132

Model 147

Model 795

Scan to view install video

Operational within seconds. The IPS Single-Space Parking Meter is engineered to be a direct replacement upgrade that fits into the city's existing single-space housings. Simply remove the original top and mechanism and replace it with the new ones. The meters will be operational within seconds, thereby minimizing installation time, cost and risk.

Let us prove it to you with a risk-free 90 day field trial.

IPS™ GROUP
Parking & Telecommunications

We are a design, engineering and manufacturing company focused on ultra-low power wireless telecommunications and parking technologies. With installations across the US and Canada, we've quickly grown to be the leading supplier of single-space credit card enabled parking meters, vehicle detection sensors, and parking management software. We are continually developing new and innovative technologies to meet customer's needs and ensure our products are supported by an outstanding customer service team.

For more information about IPS Group's dynamic parking solution, please visit our website www.ipsgroupinc.com

Call for an on-site demo: **858.404.0607** | Toll Free: **877.630.6638**

VEHICLE DETECTION

SENSORS

(Actual Size)

VEHICLE DETECTION

SENSORS

IPS Vehicle Detection Sensors provide a reliable detection system for the presence and absence of a vehicle in a parking space. The IPS sensor uniquely directs all sensing information via the IPS parking meter cellular communications backbone, saving customers the hassle of installing additional network equipment and dramatically reduces the cost of ownership.

The IPS sensor uses multiple sensing technologies to detect large metal objects. Its unique design provides the most accurate data on the sensor market and allows for quick installation and servicing.

"Thanks to visionaries like Donald Shoup, cities are discovering the power of demand based pricing and realizing the true value of their on-street parking by utilizing smart parking meters and sensors to collect valuable data."

— Dave King,
CEO IPS Group

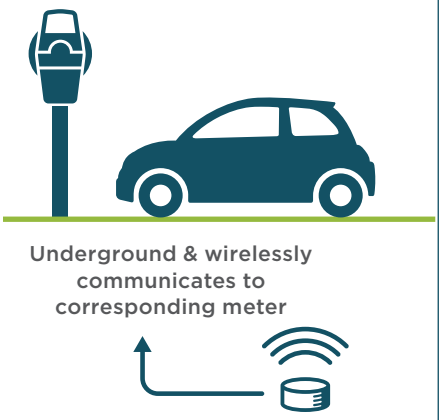
FEATURES

- Sensor is wirelessly paired with an IPS parking meter to detect the presence or absence of a vehicle
- Sensors are 3" in diameter and 7/8" in height and weigh .14 kg (0.3lbs)
- Sensor is fully encapsulating and contains the power source and antenna for a completely wireless solution
- Power is maintained by an integrated lithium battery pack for maximum battery life
- IPS utilizes an air/water tight sensor housing, which allows sensor to be easily removed or serviced in the field

Sensor alerts meter when vehicle arrives/departs

SENSING METHODOLOGY

IPS Vehicle Detection Sensors use multiple sensing elements to produce maximum sensor sensitivity. A ferrous object, such as a vehicle's engine block, alters the local magnetic field surrounding the sensor. As a car pulls into a parking space, the sensor detects the change in the magnetic field and relays the information to the IPS parking meter. The sensor can be fine tuned to register a movement of a vehicle in a specific space; increasing accuracy and making data received more valuable.



Underground & wirelessly communicates to corresponding meter

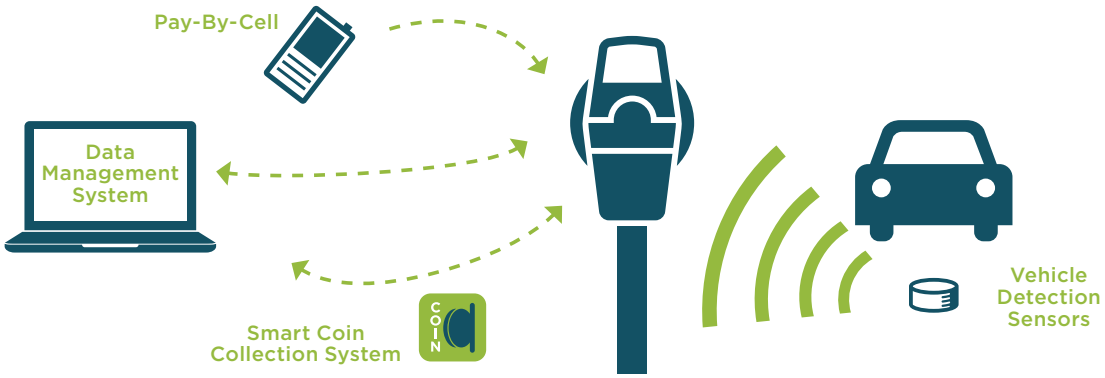
INSTALLATION

Sensor installation is easy and can be done in coordination between City and IPS staff. For best performance, sensors are installed below-grade, typically 2–3 inches below the surface. For the most accurate results, sensors should be installed under the area where the engine of the car is expected to be.

BENEFITS

- Sensor communicates directly to IPS meter rather than a mesh communication network, providing the most reliable communication transmission available at a significantly lower cost
- Real-time occupancy data is available via web-based data feed, supporting maps and smartphone applications
- Supports anti-meter feeding policies
- Option to reset meter when car pulls away (Scan QR code for a demonstration)
- Provides cost effective option to implement demand based pricing strategies
- Ability to add courtesy time on the meter, which gives motorists free time when they first pull into a space

IPS PRODUCT FAMILY



The IPS solution utilizes wireless technology to allow meters and sensors to talk to one another and then transfer data to a centralized data management system. IPS single-space parking meters work as a team with vehicle detection sensors and our web-based Data Management System (DMS) to help customers effectively evaluate parking trends and adjust programs accordingly. Cities are able to quickly upgrade existing meters, easily track revenue, send enforcement directly to vehicles in violation, and improve the efficiency of overall parking operations; all while holding customer satisfaction at a premium.

Let us prove it to you with a risk-free 90 day field trial.

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Parking Meters | Data Management System | Vehicle Detection Sensors | Smart Technology Suite

WEB-BASED

DATA MANAGEMENT

IPS GROUP

WEB-BASED

DATA MANAGEMENT SYSTEM

The IPS Data Management System (DMS) is a real-time, web-based application that allows parking professionals to remotely monitor their parking network from anywhere, at any time. A comprehensive set of financial, technical, and administrative reporting features and remote meter configuration make this system both intuitive and powerful. The DMS allows managers to seamlessly integrate parking meters, vehicle detection sensors, pay-by-cell, and other smart technology suite applications.

All reports can be exported into various formats, including XLS, CSV and PDF

FINANCIAL REPORTS

- Provide real-time financial information on meters, sensors, and smart coin collection system
- Ability to individually audit each meter for revenue and coin content
- Meters are logically grouped to clearly display revenue of a particular city block, street, or neighborhood for easy rate evaluation
- Monthly statistics report provides a summary of all transactions for the year by month
- Pole transaction detail report assists in parking ticket adjudication by displaying the date/time and amount of time purchased, in addition to transaction type

TECHNICAL REPORTS

- Provides real-time information and live alerts on the status of meters and sensors, including battery status, occupancy status, full coin box, and any faults such as coin or credit card jams
- View detailed events for each meter, including every transaction, operational status and maintenance logs
- Easily monitor the health of the meter's power systems, such as battery voltages and solar voltages

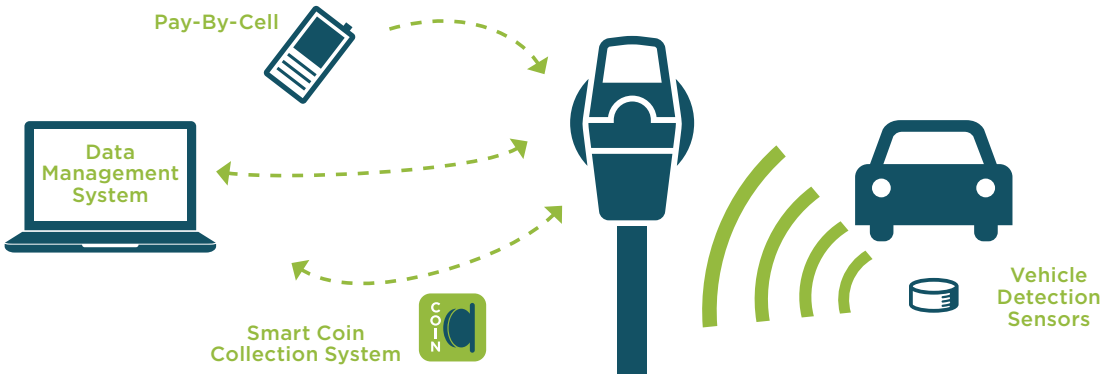
ADMINISTRATIVE TOOLS

- Notification alerts regarding faults and status of meters are distributed to staff via email, text message, or both to increase meter up-time and help improve program efficiency
- Installation and inventory reports provide accurate inventory control and asset management
- Meter configuration tools allow for easy adjustment of rates, hourly settings, and parking exceptions
- User profiles are created to control and monitor user access to the Data Management System

UTILITY APP FOR ANDROID OS

- View current maintenance requirements and log all service activity on your smart phone
- Easily create a customized list for fault logging using current City standards
- Ability to change configurations and swap RFID tags remotely
- Review meter fault list in-the-field and be directed to identified meters

IPS PRODUCT FAMILY



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Parking Meters | Data Management System | Vehicle Detection Sensors | Smart Technology Suite

SMART COLLECTION

SYSTEM

IPS GROUP™

SMART COLLECTION

SMART COLLECTION SYSTEM

As part of the IPS smart technology suite, the Smart Collection System offers additional accountability for the collection process.

The patented IPS cash tracking system gives customers access to additional meter data and provides greater transparency for their collection program.

FEATURES

- Wirelessly paired with IPS Meter to transmit information to the web-based Data Management System
- Coins are counted as they are deposited into the smart cash canister for dual accountability
- Registered key fob notifies the system who the person is that is doing the collections
- Time stamps are reported to management system when cash can is removed, deposited, and if the correct can is placed back in the vault
- Mobile application to manage Cash Can assignment

BENEFITS

- Coins collected can be reconciled against the Data Management System reports, providing an additional level of accountability
- Cash Box is secure and tamper resistant
- Collection system can be paired with both IPS Single-Space Meters and IPS Multi-Space Pay Stations

AUDITING CAPABILITIES

- Provides three levels of assurance – when coins pass through the validator, they are registered in the DMS; when collected using the IPS Smart Collection System; and when reconciled against bank statements
- Can be reconciled with the Cash Cart Collections Report to verify that the amount of coins in the cart matches the quantity shown in the DMS

INSTALLATION

- **STEP 1** Replace old Cash Can with Smart Cash Can
- **STEP 2** Assign new Cash Can to pole using mobile app
- **STEP 3** Place new Smart Cash Can into meter and lock

COLLECTION PROCESS

- **STEP 1** Identify the collector using Fob
- **STEP 2** Pick up Cash Can for collection
- **STEP 3** Empty coins into secured canister
- **STEP 4** Replace Smart Cash Can into meter and lock

IPS PRODUCT FAMILY

Single & Multi-Space Parking Meters | Data Management System | Vehicle Detection Sensors | Smart Collection System | Smart Phone Applications

IPS offers a complementary product suite comprised of single-space parking meters, multi-space parking meters, vehicle detection sensors, smart collection system and a state-of-the-art web-based Data Management System (DMS) which allows customers to evaluate real-time parking data, forecast trends, and to make data-driven adjustments to their parking programs. By partnering with IPS, customers are able to quickly upgrade existing meters, easily track revenue, send enforcement directly to vehicles in violation, and improve the efficiency of overall parking operations while at the same time enhancing the customer experience.

Let us prove it to you with a risk-free 90 day trial.

IPS™ GROUP
Parking & Telecommunications

IPS Group, Inc. is a design, engineering and manufacturing company focused on ultra-low power wireless telecommunications and parking technologies.
IPS manufactures its parking meters in the US and has been delivering world-class solutions to the telecommunications and parking industries for over 20 years. The company is best known for their patented credit card-enabled, solar powered single-space parking meter and comprehensive web-based meter management system, and continues to deliver cutting edge and innovative parking solutions to meet the evolving needs of its diverse customer base.

For more information about IPS Group's dynamic parking solution, please visit our website www.ipsgroupinc.com

Call for an on-site demo: **858.404.0607** | Online: ipsgroupinc.com

Multi-Space Parking Meters

Freedom Pay Station

Adjustable Solar Panel

Optional Features
- Help Button
- Language
- Maximum Time
- Minimum Time

Large Display Screen

Proximity Sensors*

Intuitive Keypad

Credit/Debit Card Reader
(Smart Card Optional)

Alphanumeric Keypad

Coin Acceptor

Ticket/Receipt Dispenser

Optional Bill Acceptor

Proximity sensors awaken the pay station when a motorist steps in front of the meter

(Pay-by-Plate Model shown)

IPS GROUP™

Integrated smart technology solution custom designed to meet your needs

(Pay-by-Plate Model shown)

- Freedom Pay Station is available in Pay-by-Space, Pay-and-Display, and Pay-by-Plate models
- Intuitive design is motorist friendly and easy-to-use
- Real-time online secure credit card authorizations, coin payment, and wireless download of rates and messages via the cellular network
- Freedom integrates with third party vendors, such as pay-by-cell, vehicle detection sensors, and citation management software
- Transaction may be processed in any sequence
- Optional NFC contactless payment
- Sleek design which blends seamlessly into streetscape
- Solar powered for extended battery life averaging 3+ years
- Modularly designed for easy replacement and servicing
- Secure cash box with optimal coin capacity of 600+ quarters
- Freedom Pay Station is ADA compliant

Intelligent online parking management

- No need for local software or new hardware installation
- Capable of integrating any third party data stream, in order to provide a single point of data integration
- Comprehensive set of financial and technical reports, and administrative management tools
- Refund processing available via data management back office
- Validates parking enforcement issuance
- Always uses the latest technology in encryption and internet security (Level 1 PCI Compliant)

Data Management

The Freedom Pay Station communicates directly to the IPS Data Management System, which is a real-time, web based application that allows parking professionals to remotely monitor their parking network from anywhere, at any time.

IPS™ GROUP
Parking & Telecommunications

Call for an on-site demo: **858.404.0607** | Online: **ipsgroupinc.com**

Upgrade Multi-Space Technology in Minutes

Environmental Benefit
Reduce, Reuse, Recycle.

Why Upgrade- The technology available for parking systems is constantly evolving and often outpaces the useful life of the equipment.

Available in Pay and Display, Pay-by-Plate, or Pay-by-Space and pre-integrated with leading complementary technologies, the IPS upgrade kit provides a future-proof current platform for your parking system at a fraction of the cost of a new paystation.

What is an Upgrade- The IPS upgrade kit replaces all of the electrical and electronic components associated with the old paystation and replaces them with new state-of-the-art IPS technology.

The process takes approximately 15 minutes and can be done right in the field.

Public Benefits- A large display screen and Inteli-Touch operations allow users to process a parking transaction in any order all while viewing the instructions on a large LCD screen.

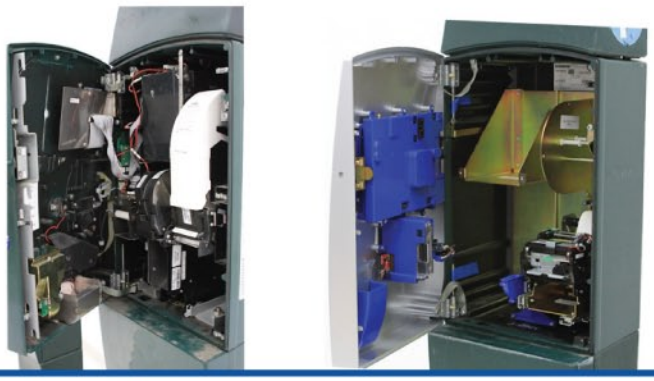
No need to affix decals and instructions on the paystation, the display screen manages it all.

Technical Benefits- Designed with the service technician in mind, the modular components make routine maintenance easy and efficient. With no more than a screwdriver, all components can be removed, serviced and replaced.

Connectivity Benefits- The IPS paystation can be equipped with GSM and CDMA modems on the same main operating board.

This dynamic functionality allows for communication on the fastest available networks and ensures that the system will not be subject to proprietary or dated platforms.

Paystation Before / IPS Upgrade



Replace with a compact main operating board, dual sided printer, coin acceptor and card reader.

Financial Benefits- At approximately 20% of the cost of a new paystation, the IPS upgrade kit reduces the need for a capital expenditure and allows the city to deploy those financial resources elsewhere.

Call for an on-site demo: **858.404.0607** | Online: **ipsgroupinc.com**

IPS™ GROUP
Parking & Telecommunications

LOS ANGELES

CASE STUDY

Best Practices in Public/Private Partnership

Making the Latest On-Street Parking Technology Financially Feasible

People aren't so sure about numbers these days. Suspicious math and faulty logic may seem to be the trend in the world of business and finance, but the truth is, integrity and innovation still work hand in hand to create high return.

In Los Angeles, where the car is king, there is a lot of money to be made – or lost – in on-street parking. With a population of 3.8 million and a car culture second to none, Los Angeles city officials faced a serious challenge. In early 2010, it was clear that broken and outdated meters were inconvenient and unreliable, costing the city serious revenue. No only that, most of the city's meters only accepted coins, and just coming off a recent rate increase, officials knew credit card payment must be added to the equation.

Financing proved to be the largest obstacle to improvement. With minimal funds for an upgrade, Los Angeles had to find a way to replace its single-space parking meters with on-street technology that would guarantee efficiency, increased revenue, and public support—all without major upfront capital expenses. And it had to be done quickly.

The solution came in the form of a three-year lease-to-own contract with IPS Group. The city, already considering public-private partnership, would lease new card/coin single space meters from IPS and use the increased revenue generated after installation to pay for the technology.

The city estimated a pilot installation of 10,000 meters would bring a yearly net increase of $1 to $1.5 million.

The Smarter Public-Private Partnership

The Public-Private Partnership (PPP), specifically the partnership between a city government and the parking industry, does not have to be configured the same way every time. Performance, profitability and sustainability will always be the goal, but the means to that end can be a custom fit for the particular city and its partner. The parking service provider must deliver the best technology and service. And the city leadership must consider the needs of its population, its overall financial status, and the true worth of its parking infrastructure.

Los Angeles chose to install IPS coin and card technology into its existing single-space meter housings. The anticipated increase in profitability would pay the lease and eventually the city would own the meter technology and simply pay IPS for service and any future improvements.

The partnership would allow the city to make the changes quickly, realize a profit and pay for the upgrade without creating additional debt. In May 2010, the installation began. The process took 12 weeks for 10,000 meters and was done without any up-front costs for Los Angeles.

With the varied options of parking management systems on the market today, Dan Mitchell, Senior Transportation Engineer at the Los Angeles Department of Transportation (LADOT) explains, “IPS was the only company who could bring about quick implementation on the streets.”

Why Use IPS Coin and Card Single-Space Meters?

Los Angeles city officials had considered all of their options. Leaving the outdated meters with coin-only mechanisms in place was inadvisable. Credit card capability was a must. Pay-by-space, pay-and-display, and multiple-space meters were all considered, but the city saw the savings to be had in using its existing single-space poles and housings. IPS’s universal meter mechanism fits into any single-space meter housing and accepts coins, credit/debit cards, smart cards and tokens.

Convenience – With higher rates, users need the option to pay with credit cards. Even if they have enough coins, many users find it easier to pay with plastic. For cities, the option to use existing poles and bases speeds installation and saves hundreds of thousands in demolition, equipment and installation costs.

Reliability – The new meters are wirelessly connected to the Los Angeles Department of Transportation, giving staff immediate information about needed repairs and allowing them to respond proactively. With outdated meters, problems are discovered only if they are physically monitored by a city employee or reported by hotline by a member of the public.

Sustainability – Every step taken to help the environment is a step in the right direction. Choosing IPS single-space meters allowed Los Angeles to keep its existing poles and housings in place. The new meter mechanisms are solar-powered, which maximizes battery life and is environmentally friendly.

Profitability – Giving users more payment options translates to more payment in total. When given the option to pay with a credit card, parkers are more likely to pay for the maximum amount of time needed since they are not limited to the amount of coins they have in their pockets. Reducing coin use also reduces the occurrence of non-functioning, jammed meters and full coin vaults, increasing uptime and profitability. And when jams

do occur, patrons are still able to pay for parking by card. This capability allowed LADOT to implement a new policy requiring meter payment regardless of jams, which essentially eliminated rampant vandalism.

The Real Numbers

In October 2010, City of Los Angeles Mayor Antonio R. Villaraigosa announced that the new meter technology had generated an additional $230,000 in one month - nearly doubling the city’s original net revenue estimate.

The initial 10,000 IPS meters installed in Los Angeles also:

- operated at greater than 99 percent uptime
- reduced citywide complaints to the hotline by 55%
- increased parking meter citations 15%
- decreased contested citations by 75%
- accepted credit card payments for more than a third of revenue

City leaders were so impressed with the IPS meters they ordered 10,000 additional meters and made another order shortly thereafter. Today, there are a total of 27,000 IPS single-space meters operating in Los Angeles. The solar powered meters keep approximately 60,000 AA batteries out of the dump each year.

"By reusing our existing poles and using clean solar power, these new coin and card meters are a win-win for customers, the city and the environment," Mayor Villaraigosa said. "Since we installed the first of these new meters in May, they immediately began earning their keep in the City of Los Angeles. These meters are helping contribute to the city finances while providing more reliable and convenient service to drivers."

Lessons Learned

City government and independent contractors can work together to improve conditions for the public, apply innovative technology, and improve revenue. Los Angeles and IPS created a partnership that immediately addressed the city's metered parking needs and designed that partnership to pay for itself. The partnership met the needs of the city by providing new meter technology that was environmentally friendly, more reliable, more profitable and could be installed quickly. No bonds were required nor any borrowing of funds from the city's other departments, proving it is possible to improve infrastructure without wreaking financial havoc.

Los Angeles's new meters now bring in more than twice the net revenue that was initially estimated, and while it has the full support of IPS, the city still has control of its parking technology and the potential for increased and sustained revenue generation.

About IPS

San Diego-based IPS Group, Inc. is a design, engineering and manufacturing company focused on low-power wireless telecommunications and parking technologies. IPS manufactures locally and has been delivering world-class solutions to the telecommunications and parking industries for over 15 years.

IPS Group is the only proven and patented provider of solar-powered, credit card enabled, single-space parking meters in the world. The end result is greater convenience for motorists, real time parking data for the city, and a battery life that can exceed three years.

With over 80 clients in trials or contracts in over 50 North American cities from coast-to-coast, IPS Group is experiencing rapid growth. The Public/Private Partnership Award given by the United States Conference of Mayors is an example of current marketplace success. To find out more information go to **www.ipsgroupinc.com.**

The City of Los Angeles and IPS Group were awarded by the US Conference of Mayors for excellence in Public/Private Partnership for card/coin parking meter technology upgrades in 2012

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SANTA MONICA

CASE STUDY

Data Drives Parking Decisions in Santa Monica.

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SENSOR DATA DRIVES PARKING DECISIONS IN SANTA MONICA

Employing Technology to Solve Parking Challenges

Santa Monica is a quintessential Southern California beach city, home to the world famous Santa Monica Pier and a vibrant downtown area. Each year, more than 20 million vehicles transcend on 8.5 square miles and nearly 12 million of those vehicles park at the City's parking meters.

The high volume of meter traffic, limited personnel and financial resources presented challenges for the City. With only three meter technicians to service nearly 6,000 meters, the City needed a cutting edge parking solution. Even a simple rate change using the existing coin-only meters would need to be manually reprogrammed by just three technicians – a daunting and time-consuming task. As such, Frank Ching, Parking Administrator for the City of Santa Monica, turned to technology to solve the City's parking problem. In April 2011 the City enlisted vendors to install their latest parking technologies for a trial. As the only single space parking meter vendor able to meet the City's request, IPS Group, Inc. installed a trial of 150 solar-powered single-space parking meters and 150 in-ground Vehicle Detection Sensors in high traffic areas of downtown Santa Monica. The meters provided additional payment options such as credit/debit card, smart card and pay-by-cell payment. Within minutes of their initial use, data began to pour into the City's Data Management System which is a state-of-the-art web-based management system that the City used to gather information on occupancy, average length of stay, and turnover rates.

Smart Parking Meters Provide Additional Functionality

Following the successful trial of the meters, the City procured 6,000 single-space parking meters and 6,000 sensors from IPS - one of the largest deployments of sensors in the US. The installation was completed in just two months, averaging 600+ installed meters per week. The sensor, which is installed underneath the ground, communicates directly with the meter and data is transferred using the available cellular link inside the meter. The meter and sensor work together to provide a wealth of information to the City while also providing some unique features.

Since the installation of the meters, credit card usage has steadily increased. Prior to the deployment of the IPS smart parking meters, credit card usage in the City ranged from 30-37% per month on average. In January 2013, the City recorded its highest rate when 67% of all meter transactions were made by credit card. The trend toward electronic payment has proven to be a win-win for both the City and motorists. When presented with additional payment options, parkers are more likely to pay for the maximum amount of time needed since they are not limited by the number of coins they have in their pocket. In addition, credit card payment is more convenient for the motorist and less expensive for the City – because there are fewer coins in the meter, less frequent coin collection by City staff is required. Furthermore, less frequent coin collection decreases carbon emissions from vehicles used to collect coins which is better for the environment.

The IPS meter-sensor solution offered additional functionalities to the City. Looking to generate higher turnover in popular downtown areas, the City chose to implement the anti-meter feeding function of the smart parking meters. When this function is enabled, motorists are not able to "feed" the meter beyond the allowed two hour time limit, which discourages motorists from parking at the meter for the entire day. The City's embedded sensors detect when a car has not been moved within the imposed time limit and alert the meter to refuse additional payment. Drivers are forced to move their vehicles or risk getting a ticket. The downtown merchants have welcomed the new technology and reported increased business resulting from higher meter turnover.

Another capability realized by the smart parking meters is the ability to "reset" the meters. Once a vehicle has left the parking space, the meter will be reset to zero. The incoming vehicle will then be responsible for their appropriate parking fare. "We employed the reset feature in order to hold people accountable for their own parking," says Anthony Mazeika, Parking Operations Specialist for the City of Santa Monica. This function alone contributed an additional 10% to parking meter revenues.

The Results

The program's results have been impressive. Since deploying the IPS meters, meter uptime has averaged 99.8%. In the event that a meter requires maintenance, an alert is generated in the Data Management System and a text message or email is sent to one of the meter techs. There is no need to wait for a customer to call in. Rate changes and demand-based pricing can be implemented remotely via the Data Management System which relieves some of the burden on the City's three meter technicians. Contested citations are also down because coin jams are quickly resolved and data is available to verify whether a parking fare was paid or not. Revenue has increased nearly 40%, due to the additional payment options and the reset function. In fact the increase in revenue paid for the entire parking modernization program in just 12 months.

Although the City has realized financial benefits from the installation of the credit-card enabled meters, Ching feels that the wealth of data the sensors and meters provide is invaluable: "These little things are going to leave a legend behind."

Application provided by ParkMe

Highlights

- Since meter installation the City's parking meter revenue has increased by **40%**
- Uptime has improved to **99.8%**
- Sensor reset option has added an additional **10%** in revenue
- Credit card usage is up to **67%**

Looking Ahead

Faced with a high demand and limited parking resources, the City of Santa Monica turned to IPS Group which proved to be the only vendor capable of meeting the City's needs. Santa Monica was among the first to deploy vehicle detection sensors on a large scale. The City's upgrade of outdated parking technology and the implementation of new data-driven policies will assist the City in meetings its objective of becoming the most customer friendly city on the coast. Future plans include implementing a universal smart card to pay for all parking, transportation, and purchases at partner merchants throughout the City.

The successful deployment of cutting-edge meter and sensor technology in the City of Santa Monica can be regarded as a model for how parking data can be used to guide and implement parking decisions to meet the evolving needs of the City, and how parking data, as just one facet of the larger picture, can help Cities make informed decisions.

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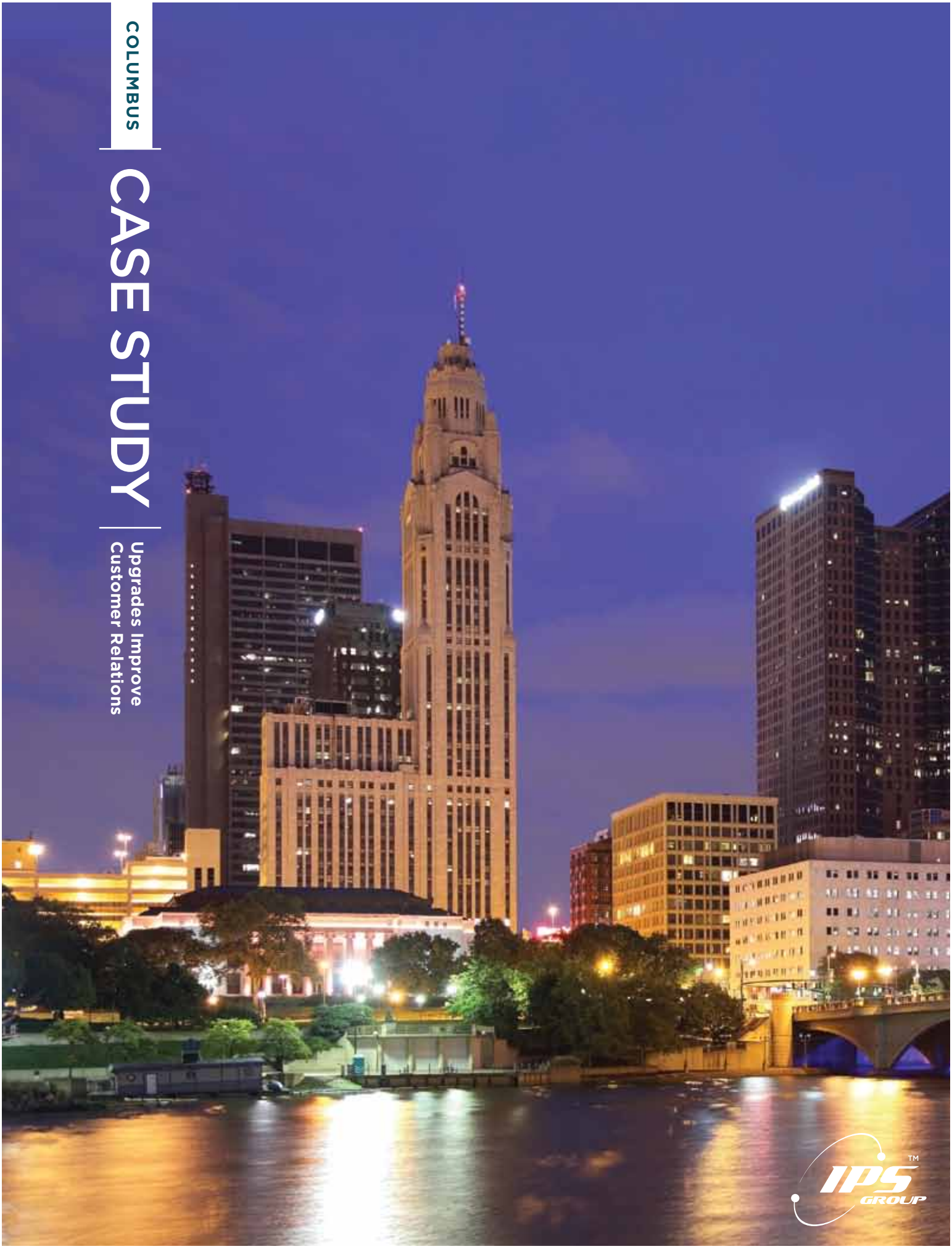
COLUMBUS

CASE STUDY

Upgrades Improve Customer Relations



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In Columbus, Customer is King

Columbus continues to be synonymous with innovation. Recent initiatives from Mayor Michael B. Coleman, aimed at enhancing customer service while offering mobility alternatives is further defining the City's world class image. Visitors are drawn to downtown Columbus and surrounding historic neighborhoods by an upscale housing movement, professional sports teams, a vibrant arts district, the state's largest university, thriving commerce, world renowned cuisine, along with public transit alternatives.

One of the most successful and popular enhancements to the City's parking and transportation program has been the introduction of credit card-enabled smart parking meters from IPS Group. The City of Columbus piloted multi-space pay stations from September – December 2007, but users found the kiosks confusing and inconvenient. Following a trial of IPS single-space meters, the City opted to deploy approximately 5,000 meters throughout the downtown business district and surrounding areas. Since deploying the new meters credit card usage accounts for 40% of all meter transactions, and revenue has increased 32% overall and 13% over the previous year as a result of a simplified rate structure, enhanced payment options and longer enforcement hours. Downtown businesses and visitors welcomed the new meters as they reduced the number of customers asking for change and created a more convenient parking experience for downtown patrons.

As a further testament to the City's dedication to offering a convenient experience for all motorists, the City lowered its 91 wheelchair accessible IPS meters throughout Columbus. The meter poles are cut so that users in a wheelchair can see the top of the meter display screen and comfortably use the keypad, providing an easier interaction with the meter.

Instant Data

Each smart parking meter is wirelessly networked to a state-of-the-art web-based Data Management System (DMS) which provides the City with real-time financial, technical and occupancy data from a desktop, laptop or handheld mobile device. This management tool has had a dramatic impact on meter uptime. Prior to the introduction of the IPS meters, a faulty meter would remain out of order until a customer called in to report the meter as faulty or city staff noticed the fault. Now, the City provides their repair staff with cell phones and any meter fault triggers an alert in the DMS which sends a text message to field staff of the time, location and type of fault. Meter downtime has decreased and the electronic record of the time and location of the meter fault also aids in citation resolution. Parking Violations Bureau staff is able to verify if there was a meter fault at the time of the citation which has helped to improve customer relations between motorists and parking enforcement.

The new meters and the DMS have also improved auditing capabilities. With the old coin-only meters, it took days for the supervisor to physically visit each meter in the City's nearly 5,000 meter fleet to download the audit information via a handheld device. Today, the audit information is accessible instantaneously via laptop, desktop or handheld device, eliminating the need to physically interface with the meter. Enforcement staff have also benefitted from the meters' upgraded features, in particular the blinking LED lights which indicate paid, expired or meter out of order status. Parking Enforcement Officers can simply look down a row of meters and assess if any of the meters are in violation, instead of having to read each individual meter's display to evaluate payment status.

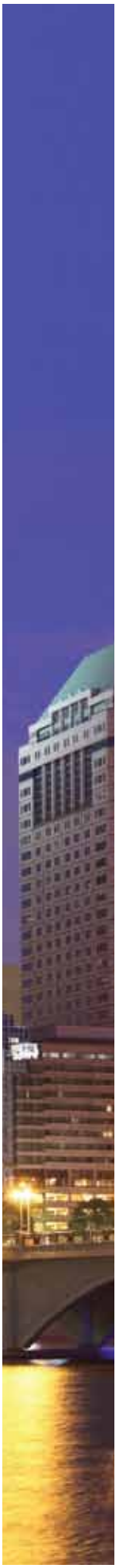
Alternative Transportation

In addition to the City's move to upgrade parking throughout the city, Columbus is looking at the bigger picture as populations grow in its urban center. As part of a bold initiative to encourage alternative forms of transportation, the City introduced its first bike sharing system, COGO, in July which provides bike rentals for just $6 a day. Customers simply swipe their credit card and return the bike at any of the 30 COGO stations around the City.

The City has installed two electric vehicle charging stations that stand side-by-side with solar powered smart parking meters. In addition, the City plans to pilot its first car-sharing service program with Car2Go, where customers can rent a smart vehicle and return it to any on-street parking spot. Columbus is at the cutting edge of providing mobility options, and according to Mark Springer, Security Manager of the Parking Violations Bureau, "customer convenience is the driving factor".

Highlights

- **32%** increase in revenue since installing smart parking meters
- **40%** credit card usage
- Enhanced level of customer service



Looking to the Future

Due to the success of the meters, Columbus is in the final phase of upgrading nearly 5,000 meters to the fifth generation IPS meter, the M5 by the end of 2014. The M5 features a larger display and a mechanical keypad, which the City feels is particularly well suited to Ohio's cold winters and will provide an even greater experience for customer.

In Columbus, where customer service is the cornerstone of their innovative new approach to parking and transportation overall, the continued partnership between IPS and the City of Columbus has enabled the City to offer enhanced payment options, receive instant audit and technical information and meet their ultimate objective of providing world-class customer service to the citizens of Columbus.

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