

## MINUTES

### Parking and Transportation Sub-Committee November 09 2023 | 8:30 am

1. **Meeting called to order by Chair, Nelson Carter**
2. **Approval of Meeting Notes: Meeting minutes:** January 11, 2024, Approved.
3. **Old Business**
  - a. Information Items
    1. USA Parking Spot Discussion – Per Harry Glass - 6 spaces on campus (movable). USA will need to advise Parking & Transportation where to install/or move around campus. Christine Paul with USA will make sure to advise USA to put on checklist and advise Parking & Transportation. Per Harry Glass the installation can be done by Spring Semester 2024.
    2. T2 Mobile Pay – Per Harris Glass, this will start at Spring Semester 2024. SMS Valet – No option for Valet Parking (will need to contact another vendor, Chris Baker will work on that information).
      - i. Move to Action Item for December? Yes, move to December Mtg. Chris Baker will need to do presentation to include cost in the old system and cost in new system, show benefits of the change (pros & cons) and then move to vote.
    3. EV Charging Stations – 6 stations in total (including the ones in Pearland). Looking into possibly issuing a different parking permit for those users. We can drop off at this time since there are no other plans to add more.
    4. Lot D Parking Chains/Bollards – Move as action item for December Mtg. Mr. Denney & Harry Glass will present. Harry Glass already in contact with a contractor for a bid.
    5. Bus Pass – Looking for different options for students to be identified as shuttle riders, possibly sticker on Hawk card or add device on shuttle. The students using the shuttle will need to pay a fee since students that drive to campus have to pay for their parking. Drop off for now until there is a proposal.
  - b. Action Items – None from Old Business. Next Meeting Action Items, presentation about the chains in Lot D.
4. **New Business/Announcements**
  - a. Information Items
    1. Parking Fee Increase – Mr. Mark Denney – will have a formal proposal when tuition and fee for FY25 process start on campus. The proposal will come with the parking fee increase recommendation. We will be losing half or more than half of Lot B for Student Center by Spring 2026 and need to build a parking garage. Nelson suggested to make sure there is communication going out to the students of why the fee increase for transparency.
    2. Change EV signs to 4-hour limit
    3. UH Reciprocal Parking Agreements and *Failure to Display Fines* – visitors from the other UH campuses need to be sure to hang their parking tags. If they get a fine, they can also go thru the appeals process and we can adjudicate for them properly.

Meeting adjourned.

Rosa Ortiz

**Parking and Transportation Sub-Committee Attendance Sheet  
FY2023-2024 - November 09, 2023**

MEMBER	SEAT	ABSENT/PRESENT
Amonette, Bill	Faculty 3	
Baker, Chris	Parking Department (non voting)	Teams
Carter, Nelson	Chair	In person + Teams
Datta, Soma	University Life Representative	Teams
Edun, Shirley	Student Affairs	Teams
Evans, Ciara	Student Accessibility Services Center	Teams
Glass, Harry	Co-Chair	Harry Glass
Hadley-Shakya, Kara	Strategic Enrollment Management	Teams
Jancenelle, Vivien	Faculty 2	Teams
Miller, Russell	Police Chief	
Nanes, Robert	Library	Teams
<b>Ortiz, Rosa</b>	<b>Parking &amp; Transportation Admin. Support</b>	Ron Ortiz
Paul, Christine	USA	Teams
Ramirez, Nancy	Faculty 4	
Shelley, Mary	USA	Teams
Shepherd, Terry	Faculty 1	Terry
Williams, Debbie	University Advancement	
Almazan, Danna	SGA Undergrad	
TBD	SGA Graduate	
ALTERNATES		ABSENT/PRESENT
Black, Andrea		Teams
Durkee, Zach		Teams
Kayaalp, Alper		Teams
Mills, LaToya		
Ng, Sandy		Teams
Osborne, Virginia		Virginia Osborne
Withey, Paul		

Mark Demery - guest

# AGENDA

## UHCL Parking & Traffic Subcommittee

November 09, 2023 | 8:30 am

1. **Call to order**
2. **Approval of Meeting Notes: Meeting minutes:** October 12, 2023
3. **Old Business**
  - a. Information Items
    1. USA Parking Spot Discussion
    2. T2 Mobile Pay –SMS Valet
      - i. Move to Action Item for December?
    3. EV Charging Stations
    4. Lot D Parking Chains/Bollards
    5. Bus Pass
  - b. Action Items
4. **New Business**
  - a. Information Items
    1. Parking Fee Increase
    2. Change EV signs to 4-hour limit
    3. UH Reciprocal Parking Agreements and *Failure to Display* Fines



# T2 MobilePay

POWERED BY **TEXT2PARK<sup>®</sup>**

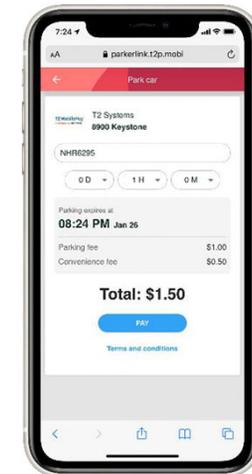
# Multi-Space Solutions Powered by T2 Iris



**T2 Luke II & Luke  
Cosmo Pay Stations**



**T2 Iris Cloud-Based  
Intelligence Platform**

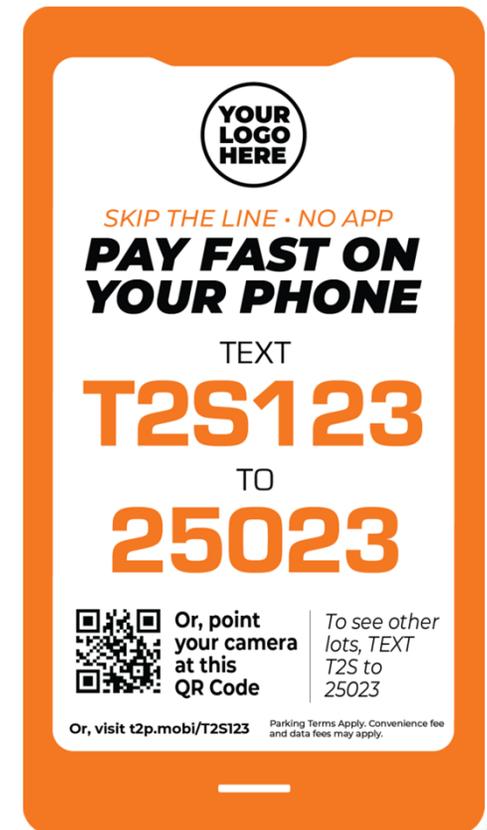
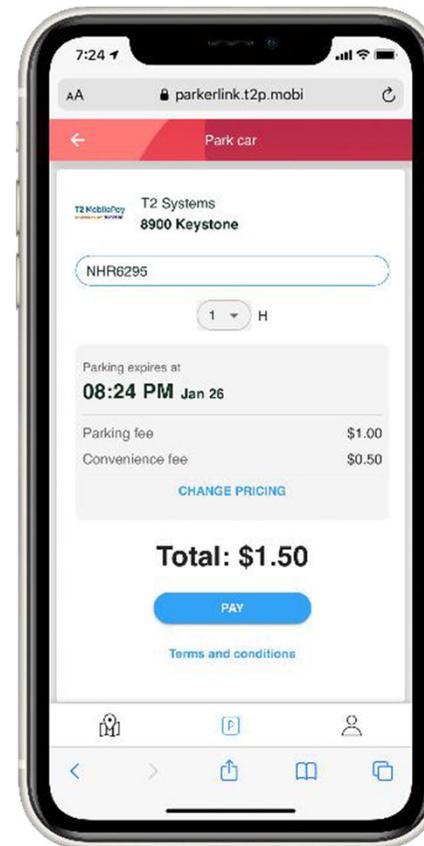


**T2 MobilePay Parking  
Payment Solution**



# Your Customer. Your Brand. Your Revenue.

- You become the mobile retailer while T2 simply provides the platform.
- T2 does not collect or sell parker data.
- **White label branding included. No T2 branding.**
- **No App to download. This creates instant adoption and higher payment compliance.**
- No account required. License plate and payment information tokenized on the parkers phone.
- **Optional Integrated Features: Validations, Public Messaging & Text Surveys**
- **Generate more revenue with a customizable convenience fee. You keep 100%.**



# Parker Access by Text

**YOUR LOGO HERE**

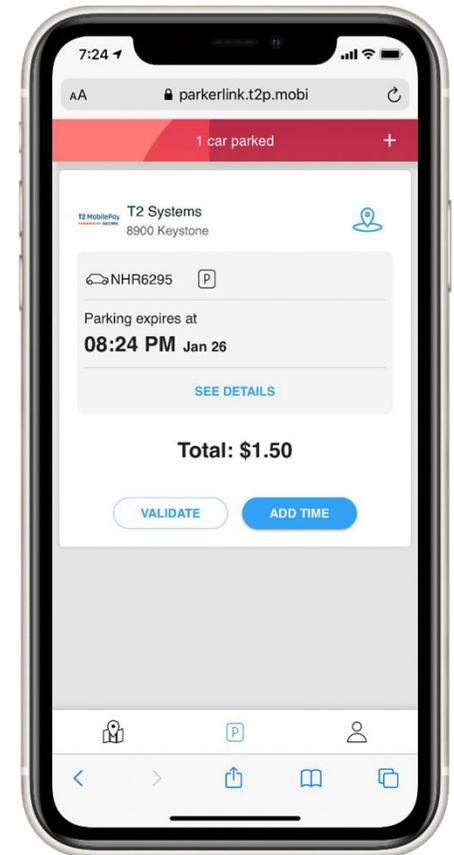
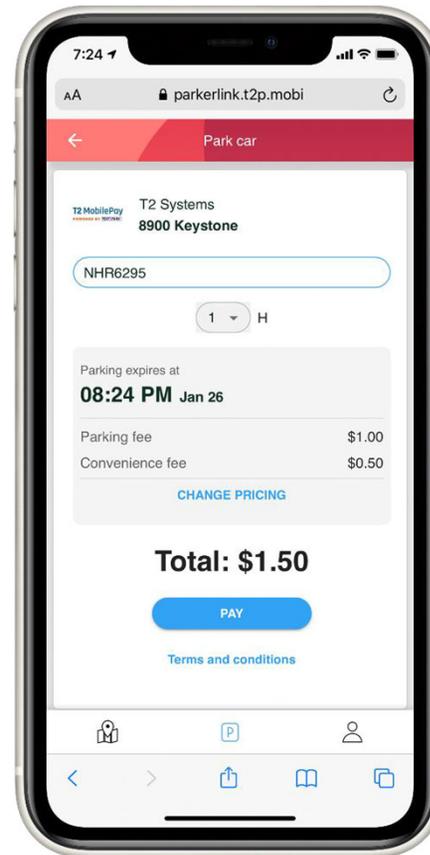
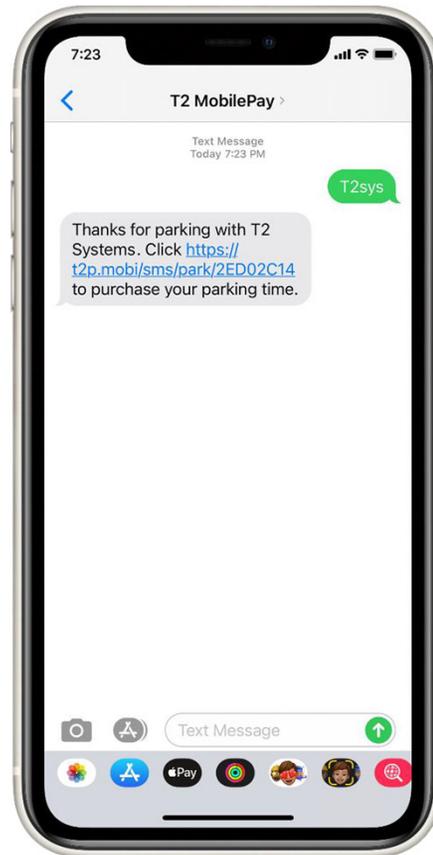
SKIP THE LINE · NO APP  
**PAY FAST ON YOUR PHONE**

TEXT  
**T2S123**  
TO  
**25023**

Or, point your camera at this QR Code

To see other lots, TEXT T2S to 25023

Or, visit [t2p.mobi/T2S123](https://t2p.mobi/T2S123) Parking Terms Apply. Convenience fee and data fees may apply.



# Parker Access by QR Code



**YOUR LOGO HERE**

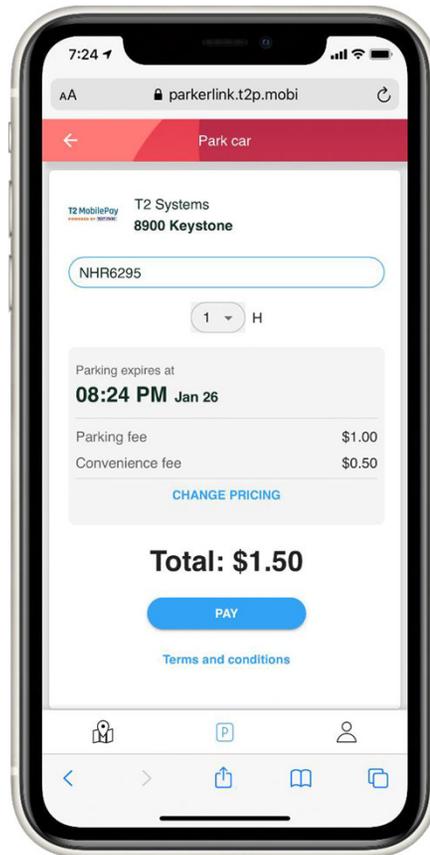
SKIP THE LINE · NO APP  
**PAY FAST ON YOUR PHONE**

TEXT  
**T2S123**  
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Or, visit [t2p.mobi/T2S123](https://t2p.mobi/T2S123) Parking Terms Apply. Convenience fee and data fees may apply.



7:24 | AA | parkerlink.t2p.mobi

← Park car

T2 MobilePay T2 Systems  
8900 Keystone

NHR6295

1 H

Parking expires at  
**08:24 PM Jan 26**

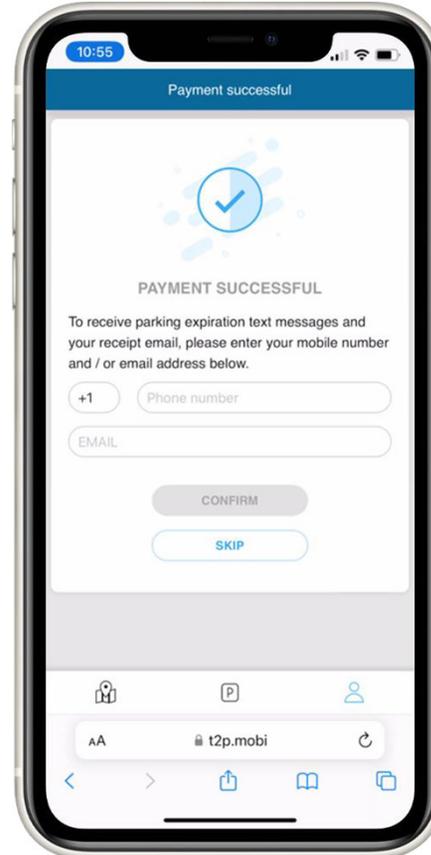
Parking fee \$1.00  
Convenience fee \$0.50

CHANGE PRICING

**Total: \$1.50**

PAY

Terms and conditions



10:55

Payment successful

PAYMENT SUCCESSFUL

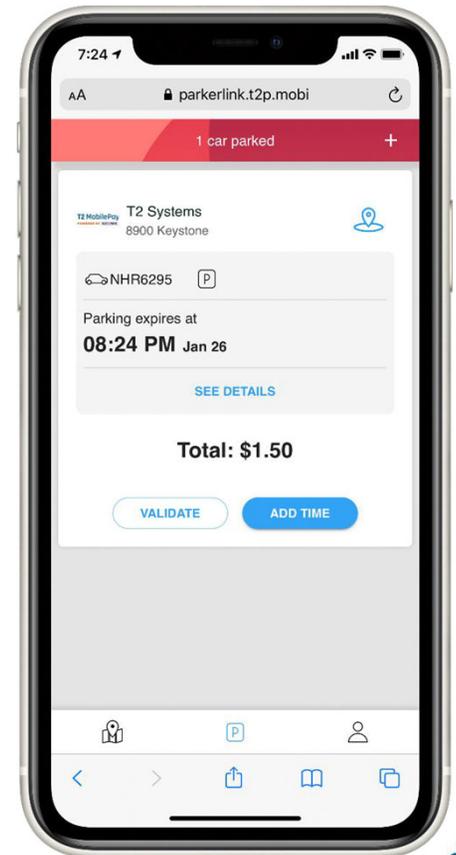
To receive parking expiration text messages and your receipt email, please enter your mobile number and / or email address below.

+1 Phone number

EMAIL

CONFIRM

SKIP



7:24 | AA | parkerlink.t2p.mobi

1 car parked +

T2 MobilePay T2 Systems  
8900 Keystone

NHR6295 P

Parking expires at  
**08:24 PM Jan 26**

SEE DETAILS

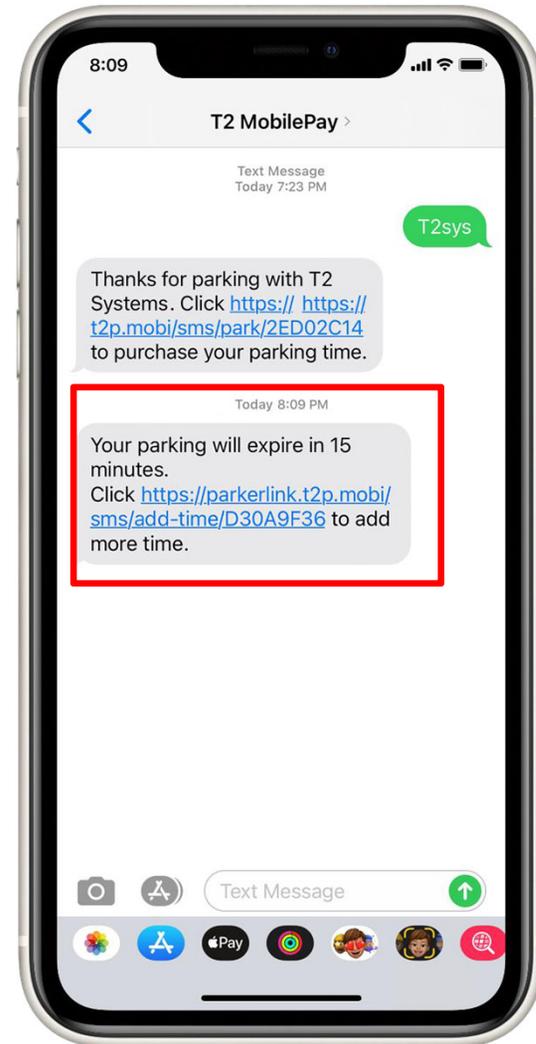
**Total: \$1.50**

VALIDATE ADD TIME



# Expiration Notification

- Parker receives an expiration notification.
- Parker can click the link to return to the parking session and extend.
- The 15-minute notification can be customized.



# Signage



# MobilePay Sign Options

- **Option 1: Standard Design and Sizes offered by T2.**
  - You own the artwork and can print signs on demand locally.
- **Option 2: Add Text and QR Codes to your own design.**
  - Use your own design and printing resources with text and QR codes provided by T2.
- **Option 3: Fully Custom Sign Package.**
  - T2 customizes a full sign package with Size, Material, and Quantity details provided by you.

Option 1



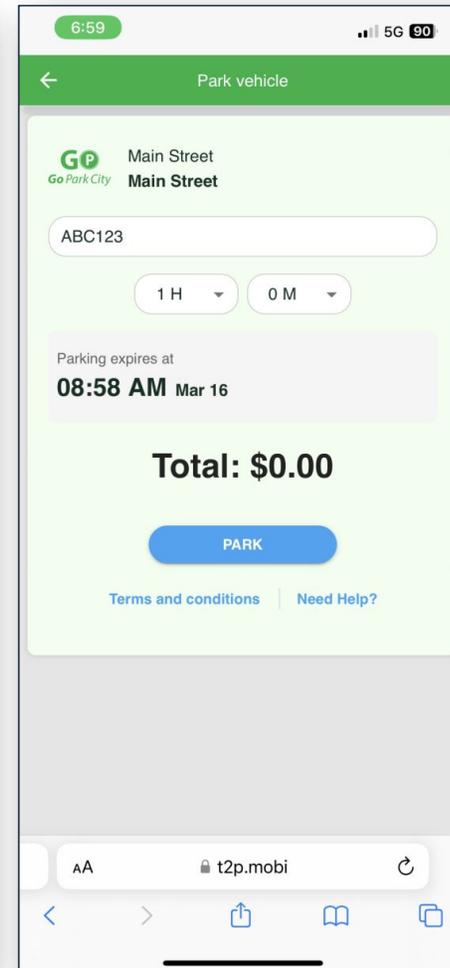
Option 2



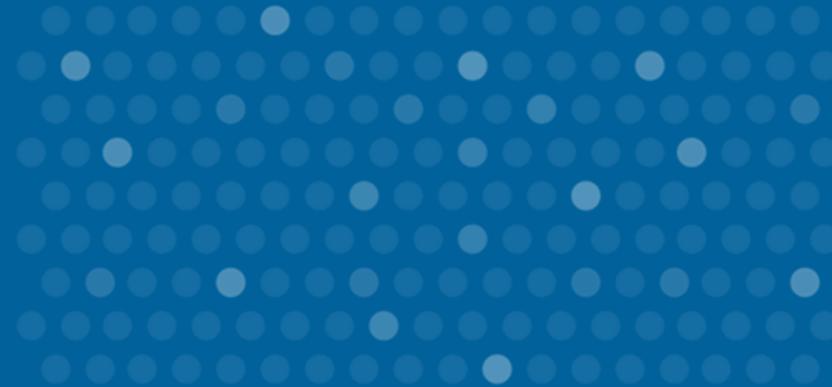
Option 3



# Fully White-Labeled Design



# Optional Integrated Features

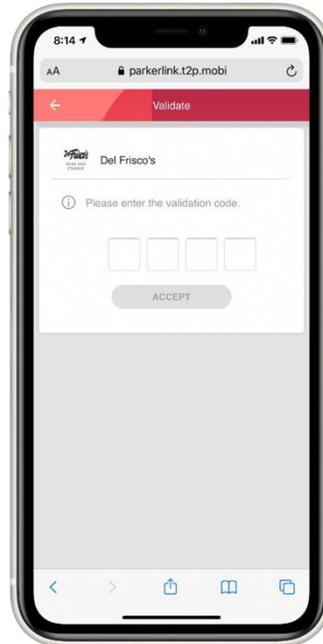


# Three Ways To Validate – Post Payment

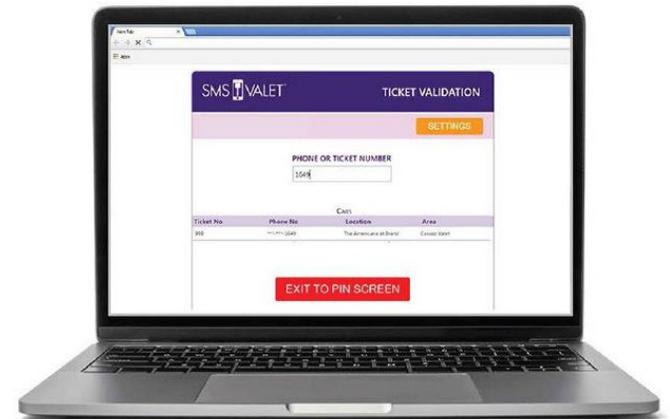
## Self-Validation With QR Code



## Self-Validation With PIN

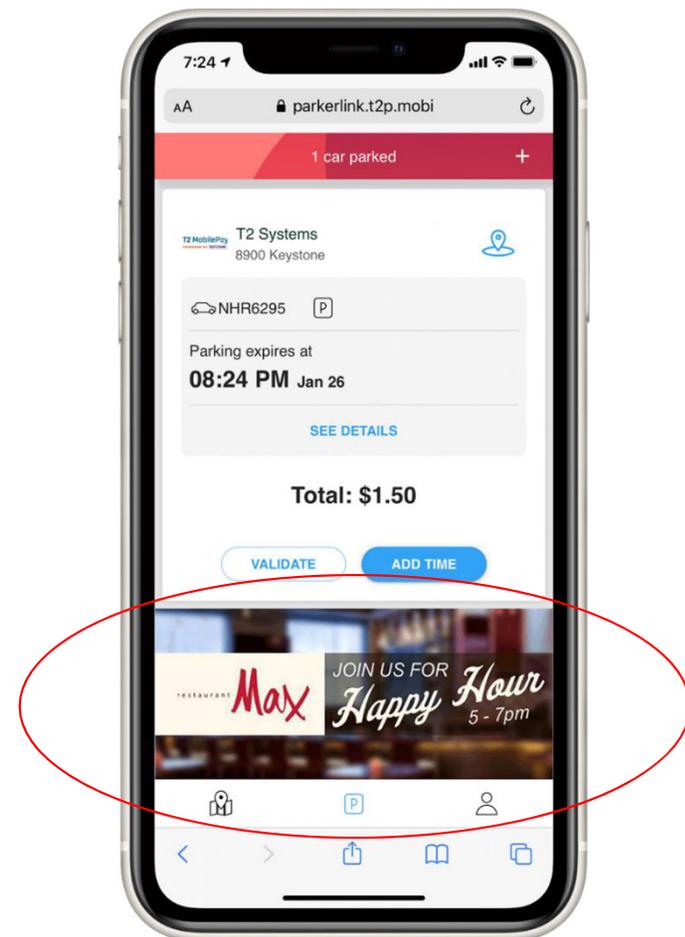


## eValidation



# Multi-Purpose Public Messaging

- Non-Invasive Banner.
- Geo-Targeted.
- Clickable for a call to action.
  - Redirect to a website.
  - Draft an email.
  - Start a phone call.
- One static image or up to four rotating images per location.
- Self-service dashboard to create campaigns.



# Customer Surveys

## How It Works

1. Parker pays for parking
2. Text with survey question automatically sent to parker
3. Parker replies via text
4. Responses are available in your MobilePay operator account



Location: Acme Parking

Time Period: This Month

Date from: 1/1/2021 Date to: 1/31/2021

Show:  All  Only Text Replies  Only Number Replies

Total Sent: 11022

Total Received: 3848 (35%)

Location	Area	Date	Time	Ticket Number	Checkout Driver	Phone	Reply
Acme Parking	Red Lot	1/1/2021	7:10 AM	4135	N/A	***** 9655	5
Acme Parking	Red Lot	1/1/2021	7:11 AM	4183	N/A	***** 8352	3
Acme Parking	Red Lot	1/1/2021	7:11 AM	4200	N/A	***** 1373	5
Acme Parking	Blue Lot	1/1/2021	7:12 AM	4282	N/A	***** 0565	5
Acme Parking	Green Lot	1/1/2021	7:12 AM	4279	N/A	***** 7465	5
Acme Parking	Blue Lot	1/1/2021	7:12 AM	4296	N/A	***** 1935	5
Acme Parking	Blue Lot	1/1/2021	8:17 AM	3101	N/A	***** 5684	5

# Pricing

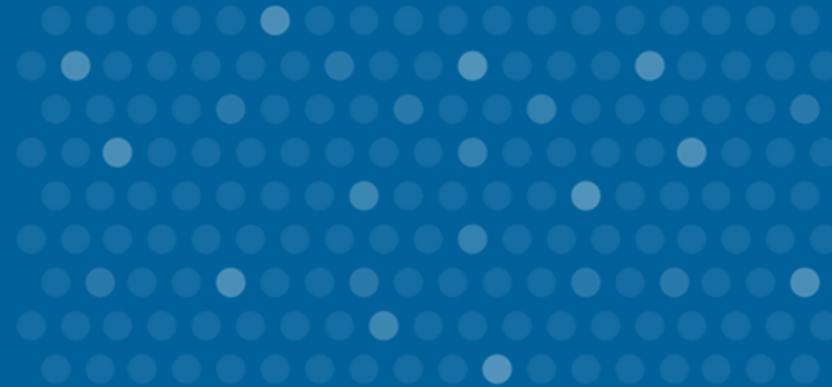


# MobilePay Pricing

Service	Price (US)
<b>Implementation</b> <ul style="list-style-type: none"><li>• 3-5 weeks</li><li>• Includes Five (5) 10x18 signs</li></ul>	\$249.00
<b>Subscription</b>	\$83.33
<b>Per Transaction Fee</b> <ul style="list-style-type: none"><li>• Invoiced monthly based on transaction volume</li></ul>	<b>\$0.30:</b> 1-1,000 transactions <b>\$0.29:</b> 1,001-7,999 <b>\$0.28:</b> 8,000-11,999 <b>\$0.27:</b> 12,000+
<b>Gateway Fee (bring your own merchant)</b> <ul style="list-style-type: none"><li>• Must use an approved processor on the NMI Gateway (Network Merchants Inc)</li></ul>	\$0.12



Questions?



# OpConnect HCS-XR (40/50/60/80A) (Ruggedized)



The Ruggedized HCS-XR (available in 40/50/60/80A) is a sturdy, reliable, cost-effective Level 2 charger that operates on 208 three-phase or 240 single-phase Vac and delivers up to 15.3 kW while charging. OpConnect has worked with Clipper Creek to internally network these stations with software to meet smart charging needs. The ruggedized 25-ft cord provides ample reach for convenient charging in any weather condition. The unit is designed to take the wear and tear of everyday use. The NEMA-4 watertight, rugged enclosure provides safe outdoor installation and protection. It can be wall or pedestal mounted (in dual or quad mount configurations).

## KEY FEATURES

- Five-year parts warranty
- Impact and crush resistant SAE J1772 connector
- Type 4X watertight and corrosion-resistant rubber over-molded EV connector
- Full network capabilities including session data, collecting revenue from drivers, reservations, load management and mobile application (iOS and Android)
- OCPP 1.6/2.0 compliant
- Indoor/outdoor rated fully sealed (NEMA 4) enclosure
- Operating temperatures: -22°F to 122°F (-30°C to 50°C)
- ETL, cETL Listed, ENERGYSTAR
- SAE J1772 compliant
- Optional Cable Management available
- Optional RFID Reader for access control and payment
- Hardware conforms with ADA requirements

## TECHNICAL SPECIFICATIONS

Spec	HCS-40R/50R/60R/80R
Charging Power	32 Amp / 40 Amp / 48 Amp / 64 Amp
Product Dimensions	19.7"L x 8.9"W x 5.3"D
Output Power (kW)	7.7 kW / 9.6 kW / 11.5 kW / 15.4 kW
Installation	Hardwired (3 foot service whip provided)
Supply Circuit	208/240V, 40/50/60/80A
Warranty	5 years
Charge Cable Length	25 feet
Vehicle Connector Type	Lockable SAE J1772
Accessories Included	SAE J1772 Connector Holster (wall mount); Connector Lock and Keys
Enclosure	Fully Sealed NEMA 4
Environment Rating	Indoor/Outdoor rated
Operating Temperature	-22°F to 122°F (-30°C to +50°C)
Certifications	ETL, cETLus, ENERGYSTAR
Country of Origin	United States of America
Networking Connectivity	Cellular, Ethernet, Wi-Fi, Bluetooth
Codes and Standards	OCPP 1.6J and OpenADR 2.0b compliant

\*The HCS family line also comes in a range of power outputs (40/50/60/80A)

# Network Specifications

Support Systems

Level 1, Level 2, and DCFC Charging Stations

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Smart Phone (iOS and Android) Mobile Application for drivers

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Integration with utility customer management system

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Station owners can have chargers from multiple manufacturers at one site and manage under one platform

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Email and text notifications when charging complete (to drivers)

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Round robin reservation system with notifications to next driver in the queue

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## Station owner dashboard

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View real-time charging station status

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View and download usage and revenue reports

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Schedule automatic e-mail delivery of usage and revenue reports

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View open maintenance and support tickets for your chargers (receive e-mail service tickets)

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## Flexible Access Control

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Restrict access to authorized users only (e.g. employees only)

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Charge different usage rates for different users (e.g. employees charge for free)

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Station owner can set own rates and update any time with web portal

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Time-of-day rates with weekday vs weekend rates

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Time span rates (e.g. costs increase after a certain time period to increase station turnover)

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Support for credit cards, OpConnect card, Smartphone app

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## Portal Administration Functions

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Multiple access levels (Company Admin, User, Maintenance, etc.)

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Data views and ability to control chargers (set rate plans, restrict usage, etc.)

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## Load Management

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Load sharing on single circuit breaker or entire load source

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Minimum load per charger 8/10/12/16 amps for HCS-40/50/60/80

# University of Houston, Clear Lake - (6) single port HCS-40

**University of Houston, Clear Lake**

2700 Bay Area Blvd  
Houston, TX 77058  
United States

Reference: 20230925-141519019  
Quote created: September 25, 2023  
Quote expires: December 24, 2023  
Quote created by: Kevin Hoang

khoang@opconnect.com

**Christopher Baker**

bakerch@uhcl.edu  
+12812832253

Comments from Kevin Hoang

**Products & Services**

Item & Description	SKU	Quantity	Unit Price	Unit Discount	Total
OpConnect ClipperCreek 40 amp wall mounted unit (cellular) Single Port, wall mount, 40 amp, Level 2 charging station, cellular connection,OpConnect app for access control and payment. 3 year parts warranty.	HCS-40-N-C	6	\$1,857.00		\$11,142.00
OP- ACTIVATION-L2 Equipment back office provisioning, configuration, activation of network services, HCS-40,50,60 and L2X series chargers one-time fee		6	\$75.00		\$450.00

Item & Description	SKU	Quantity	Unit Price	Unit Discount	Total
Network Connectivity (Cellular) OpConnect EV Charger cloud network services, IC3-40 or HCS-40 thru HCS-60-C cellular connection, Per port/year	OP- NOCT-L2	6	\$240.00 /year		\$1,440.00 / year
Maintenance service agreement, HCS-40, 50, 60 chargers Maintenance service agreement that covers on-site repair of stations, per port per year.	OP- MAINT- 02	6	\$275.00 /year		\$1,650.00 / year
Freight Freight		3	\$279.00		\$837.00
Annual subtotal					\$3,090.00
One-time subtotal					\$12,429.00
<b>Total</b>					<b>\$15,519.00</b>

#### Purchase terms

1. These EVSE will be operated in the OpConnect Electric Vehicle Charging System® network.
2. The information in this quote is confidential and may be legally privileged. It is intended solely for the addressee. Access to this quote by anyone else is unauthorized.
3. A non-cancellable purchase order or this signed quote shall be issued for the purchase of equipment.
4. Payment terms are balance due prior to shipment or per Purchase Order terms.

Delivery Timeframe: 5-10 weeks from purchase

NOTE: Installation and Applicable Sales Taxes are not Included in the Table Above

The purchase of equipment is governed by the standard terms and conditions available at:

<https://opconnect-ev.com/hardware-tc/>

The purchase of network services is governed by the standard terms and conditions available at:

<https://opconnect-ev.com/network-tc/>

Your signature below indicates acceptance of the pricing and terms and conditions in this proposal.

## Signature

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Signature

---

Date

---

Printed name

### Questions? Contact me



Kevin Hoang  
khoang@opconnect.com

OpConnect, Inc.  
1020 SE 11th Ave  
Portland, Oregon 97214  
United States

