



throne

Making Bathrooms Better





We are on a mission
to make bathrooms
better for everyone.

Throne HQ in Brentwood, MD

Current bathroom solutions stink.



Costly
to Install



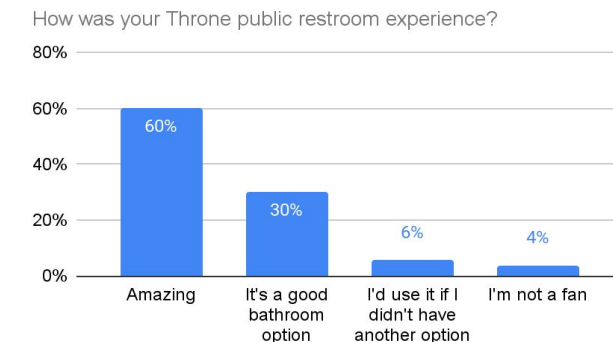
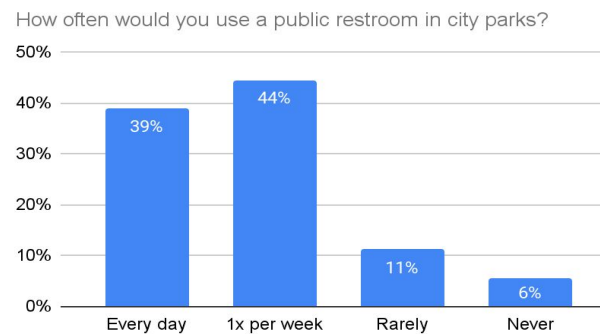
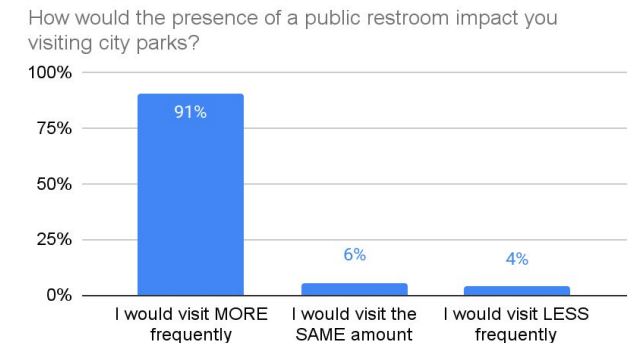
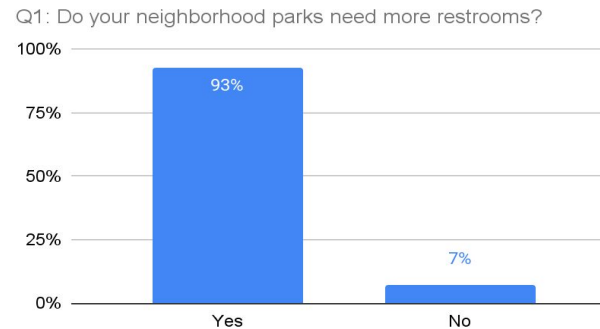
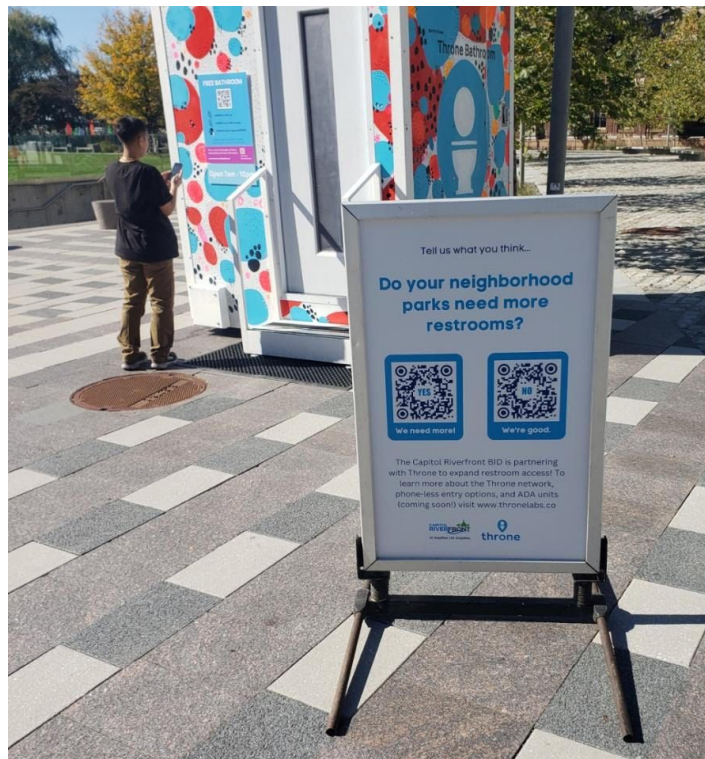
Difficult to
Keep Nice



Insufficient

93% of park goers want more public restrooms.

The Capitol Riverfront BID placed a sign in front of the Throne to gather community input on the demand for a public restroom and Throne experience. Visitors could vote by scanning a QR code which took them to a short digital survey.



Q1 n=83 | Q2-4 n=52





Meet Throne.

A smart, semi-permanent self-monitoring bathroom that can be placed anywhere.

Outdoor placement with an indoor feel.

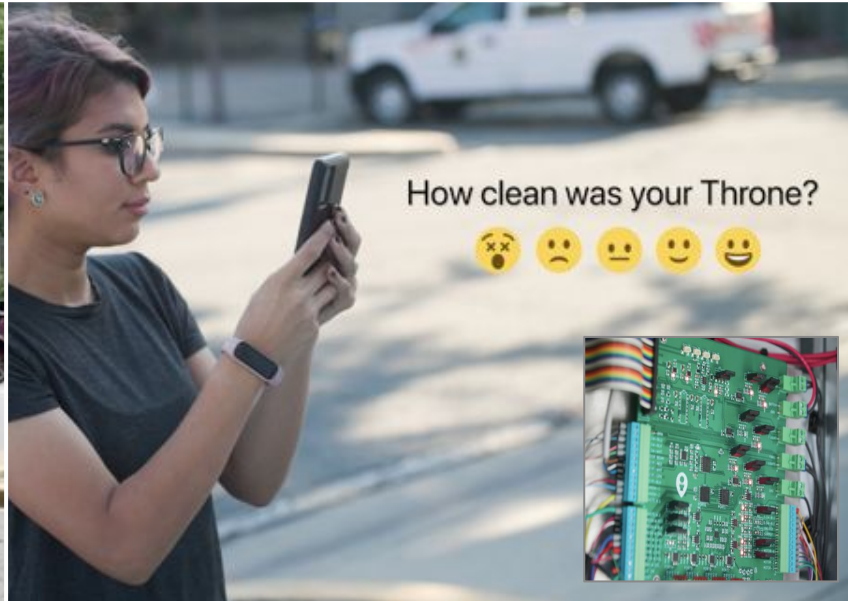


Our secret sauce...



Flexible Placement

No connection to water or sewer required



Smart Technology

21 sensors and user feedback enable fast and efficient response



Scalable Cost

Zero cost to install and efficient data-driven servicing

People also like...



Turnkey Solution

Throne everything – monitoring, pumping, maintenance and cleaning



Solar Power

More than 200 uses on every charge



Customizable Messaging

Localized messaging or public art

Thrones have been in parks, at street fairs, at outdoor bars, transit layover stops, parking lots and outside the National Portrait Gallery!



Throne Partners



“When we looked at our options, we were faced with porta-potties or costly brick and mortar bathrooms that would require a lot of money, consensus building, and ongoing operational needs,” said Bonnie Trein, the BID’s VP of Marketing and Operations. “Throne allowed us to provide a really nice bathroom experience without having to take on a major planning process or any additional operational burden”

- Bonnie Trein, VP of Operations & Marketing Capitol Riverfront BID

“Throne is improving public bathroom access in our community. Through its innovative self-monitoring technology and responsive servicing, we can easily provide portable cleaner bathrooms to bus drivers, commuters, and community members without putting the additional burden of its maintenance on our City staff.”

- Mayor Celina Benitez, Mount Rainier MD



Driskell Park Pilot



David C. Driskell Park Pilot

Location: Driskell Park

Customer: City of Hyattsville

Dates: 9/27-11/7, 2022

Hours: 7am - 7pm

Overview: A Throne was placed in Driskell Park in the parking lot next to a picnic shelter. There were two other brick and mortar bathrooms in the park – both a short walk away. The Throne served events such as the park naming ceremony and Zombie Run as well as general use. The City discovered things they didn't know from the data such as heavy use on Tuesdays was driven by a weekly homeschool meetup that happened in the park.



Pilot success was evaluated based on usage volume, user satisfaction and community feedback.

Metrics were determined in collaboration with Hyattsville Public Works Department staff prior to pilot start.

Metric	Success Criteria	
Usage	People use it! Hoping to learn and see 10+/day	Daily average was 12.5 One day high was 41 (Oct 15) Tuesdays average 21.5
Feedback from Users	Approximately 70%+ of users that provide feedback to the City regarding their experience using the Throne should be positive (The average cleanliness rating gathered by Throne during the pilot period may be used as a metric for consideration)	77% of ratings were three stars or “sparkling clean” 12% were 2 stars or “just ok”
Feedback from Public	Generally neutral or positive feedback from community members	Comments were either positive about restroom innovation or worried about ADA access and unhoused access (smartphones)

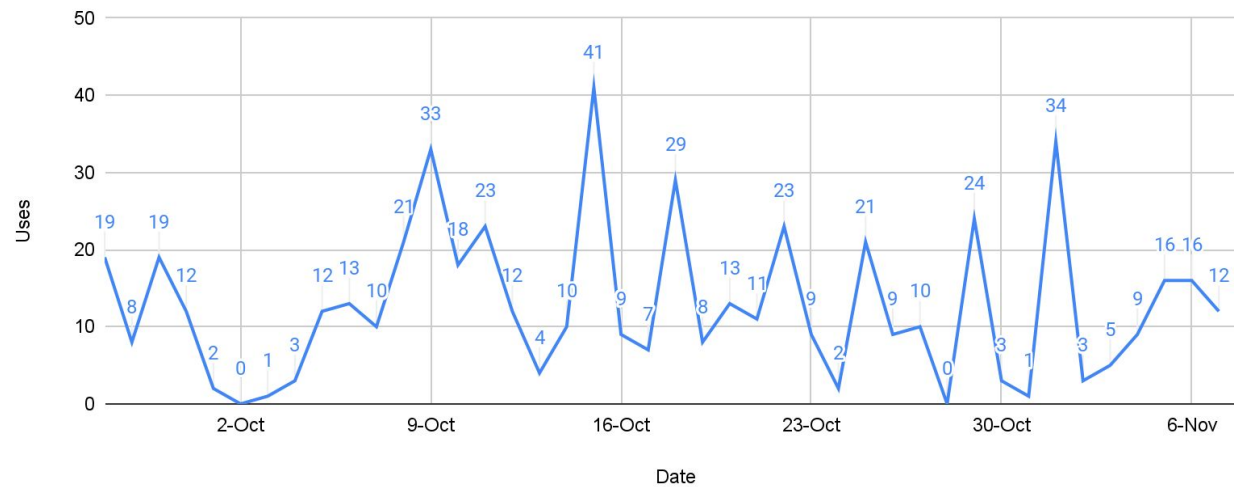
Usage & Cleanliness Data

Driskell Park usage was heavily influenced by weather. Nice days brought high usage. Other drivers of use included events and a weekly homeschool meetup.

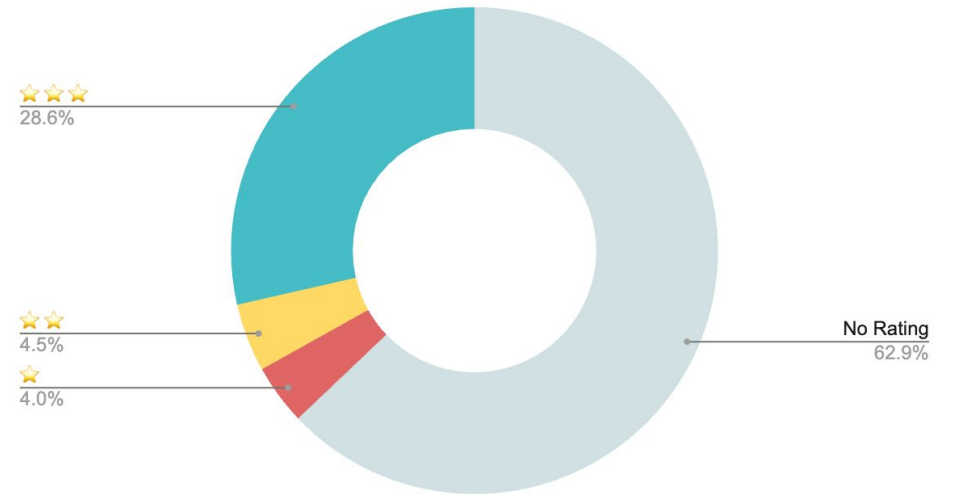
Average Uses per Day: 21.5

% Uses Rated: 37%

Throne Uses by Date: Driskell Park



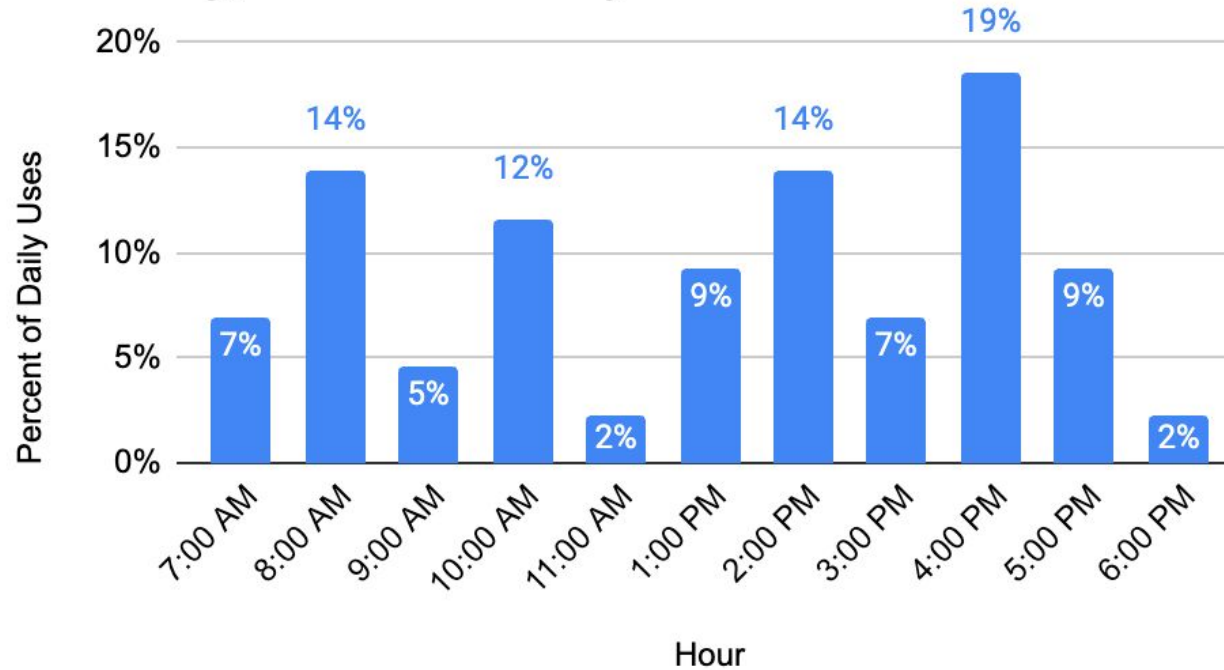
Driskell Park Cleanliness Ratings



Data Trends

Throne generated additional insight for Public Works to look at usage distribution by hour during the Throne's highest use day (CycloCross Event) – data shows general use was high, not just tied to event.

Saturday, Oct 15 Uses by Hour



Community feedback was minimal and either positive or focused on equity of access

The City posted about Throne to social media channels and got primarily positive response, with some community members raising need for disabled access and ways for unhoused individuals without phones to access the bathroom.


 **Hyattsville, Maryland - Municipal Government** · September 29 · 🌐



The City is piloting a new Throne Bathroom in Driskell Park! The Throne company, located in neighboring Brentwood, MD, aims to offer clean restrooms for everyone. The Throne comes with a flushing toilet and running water, and is accessed using a smartphone code to encourage user accountability. Learn more at www.thronelabs.co.

~

¡La Ciudad está probando un nuevo Baño del Trono en el Parque Driskell! La empresa Throne, ubicada en Brentwood, MD, tiene como objetivo ofrecer ba... **See more**

[See Translation](#)



  Dave Rouse, Realtor and 46 others

8 Comments 2 Shares

Example Comments



shadow.master_ I'll be the first to use it 🙌



kellyclendenin Looks like steps. So you're advocating for discrimination against 🗿



eisen.sarah I think it's awful that a smartphone is required to use this



reggie_barnes_ Actually I think smart phone access is awesome, come on folks who doesn't have a phone these days be honest really be honest, and If that helps keep it in one piece awesome, we have all seen the nasty conditions of porta potties, so this is an upgrade to that let's give it a try and see if people complain about not having access because of a phone, I'll bet it's zero, bravo to Hyattsville for trying it out..

New features since pilot!

ADA Access

ADA unit released and scaling up manufacturing.



Phoneless Entry

A Throne access card is currently in testing and will be rolled out to enable those without a phone to enter Thrones while maintaining accountability





Questions?



**A 3-pronged approach
to safe and secure
bathrooms for all**

1) Centralized Monitoring Service

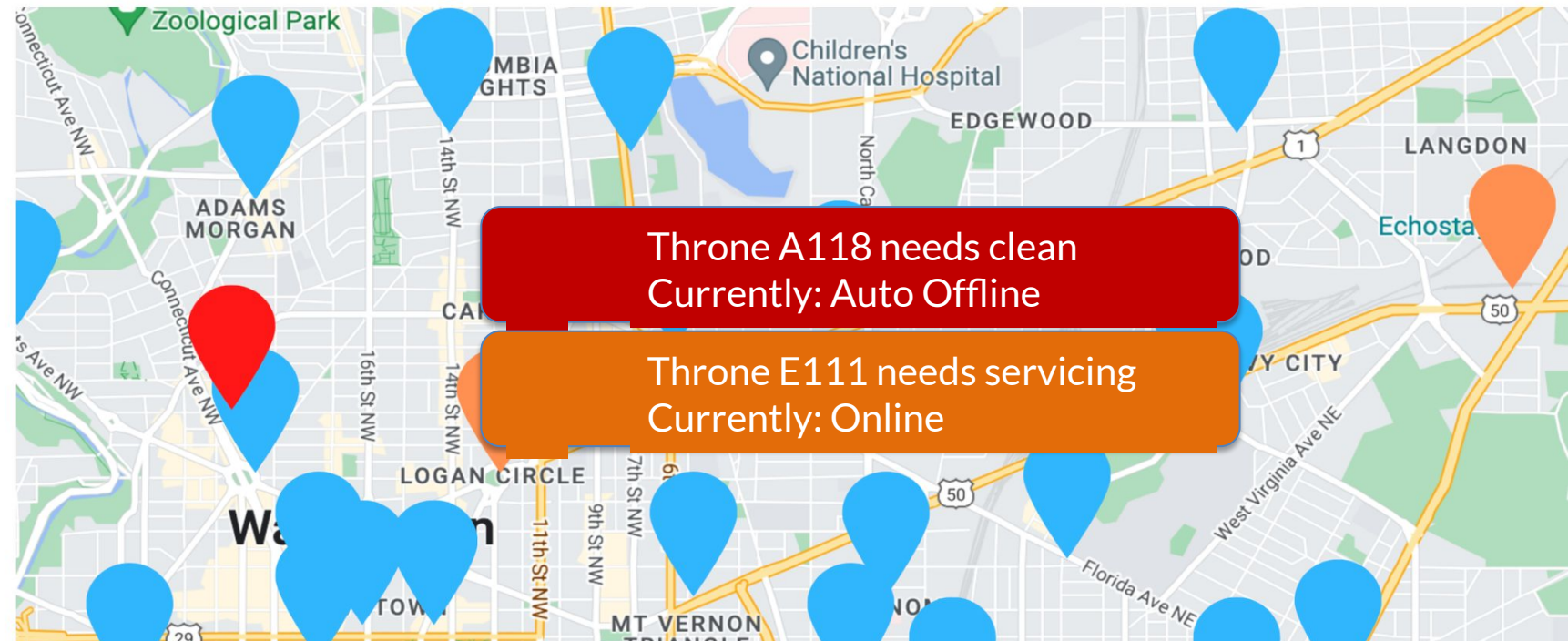


[Dashboard](#)

[Map](#)

[Add Throne](#)

[Analytics](#)



2) Pro-Accountability Entry Methods

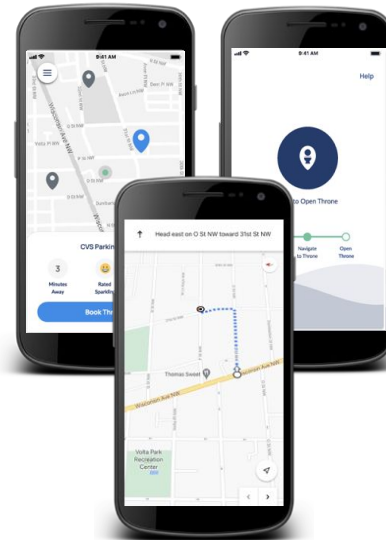
QR / Text



Users can enter in less than 10 seconds – a simple text opens the door.



Mobile App



App offers added features like discovery, navigation and real time cleanliness ratings.

Tap to Open



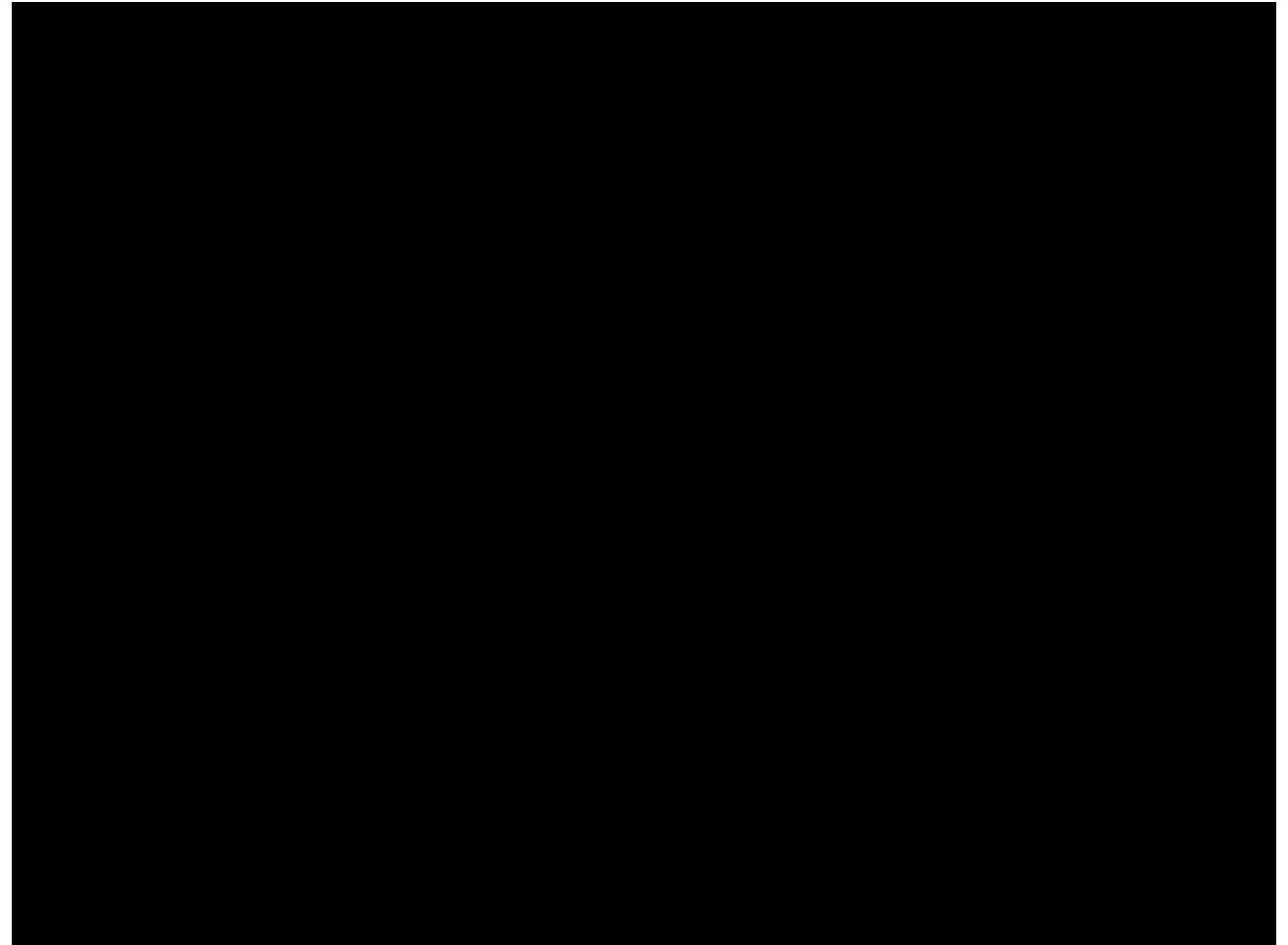
Throne is partnering with service providers to give access cards to unhoused and marginalized populations.

3) Automated Occupancy Detection & Response Systems

Example firmware responses:

- Unauthorized use (video)
- Extended stay*

* Extended stay is also flagged for Throne monitors and may result in in-person dispatch.



Not playing? [Watch here.](#)