SMART LECTY	Section 1	<b>COVID Response and Mitigation</b>	5 - 7
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## Table of Contents

### **Smart City Media**



### **SMART CITY MEDIA:** Proven Technology, High Visibility, Pressure Tested, Municipal Deployments



Jane Nickles - Chief Information Officer, City of Greensboro

Mayor Greg Fischer Louisville, KY



2,500+ Total Public Screens Under Contract 37

25



2014 NYC Sapolin ADA Award

SOL

2017 Edison Gold, KCMO Smart City Innovation







### **Public & Private Contracts**



2018 Smart City Awards "Smart 50" Best



2018 IDC Gold, Community Engagement

### DART & Smart City Media Launch

On February 12th, 2020, SCM was pleased to begin the largest deployment of its kind by a public transit agency, where the Dallas Area Rapid Transit is committed to bringing innovative technology and services to North Texas with the installation of more than 300 new <u>interactive digital kiosks</u> over the next two years.



SCM is pleased to announce that even with several months of down time due to the COVID pandemic, that in less than nine months the number of installed CityPosts is now at 102!

### DART & Smart City Media Pivot

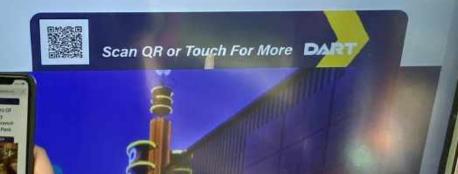
91

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### S - Green - Buckner



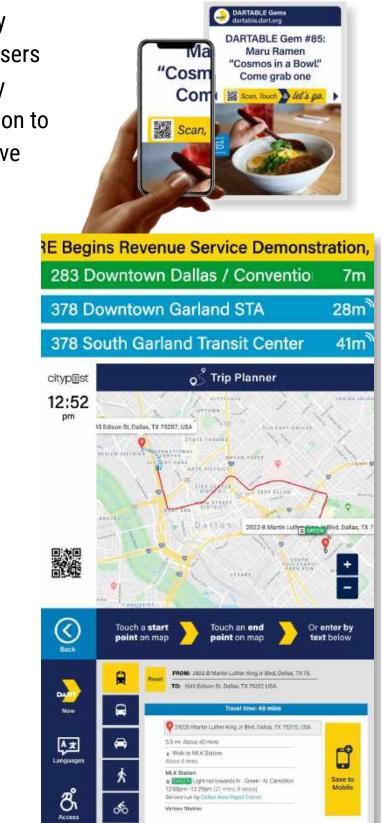
### Best Part Of This DARTable Theater? Movies Are Free!



## **Contactless Connections**

Our publishing platform automatically creates unique QR codes that allow users contactless connection to community content and City messaging. In addition to content, all of the interactive apps have uniqure QR's for mobile connection

ALER	T: We are ex	periencing	delays
Blue L	ine to Down	town Station	to Arr
Orang	e Line to Dov	wntown Stati	on 12m
Red Li	ne to Westm	oreland Stat	tion 23m
cityp≘st 11:11 <sub>am</sub>	Contraction of the second seco		ransit Trøcker
	How to Hide		uter Destinations
	New Interactive Digital Kiceks Bring Leading Edge Tech	Touch To See How You Can Ride Cleaner with DARTzoom	DART Plus: Rail Replacement
Back	EART	NAME HORS, MASTHE BENIEL & LIEL ETHERE CONT	CART
Languages	2020 DART Student Art Contest; Paint The Town	Why should you ride DART Express Buses	A Day In The Life Of DART
තී Access	<u>C</u>		



## Section 1 – COVID Response & Mitigation

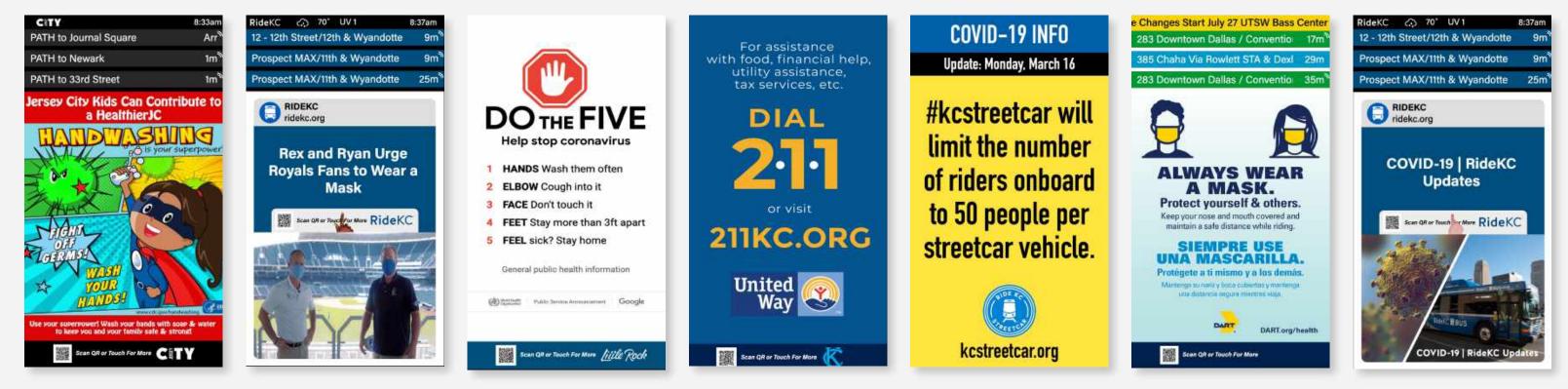
### Section 4

### **COVID Response & Mitigation**

# **Urgent Community Messaging**



### A sample of street level messaging from various Citypost deployments throughout the COVID-19 pandemic.



Click for 2 Minute "How to Citypost" Instructional Video





### Section 4

### **COVID Response & Mitigation**

# **Thanking Critical Workers**





Beginning June 10 and running for one week, The SCM Network in 13 communities saluted critical workers with a concert featuring Mark McGrath from the band Sugar Ray

### The SCM Network leveraged technology in celebration of critical workers

Kiosks and the network presence in 13 communities celebrated the work of nurses, doctors, volunteers with music and engagement by music industry leaders

- Mark McGrath
- service.



Critical workers in all cities where SCM is deployed performed and were interviewed by

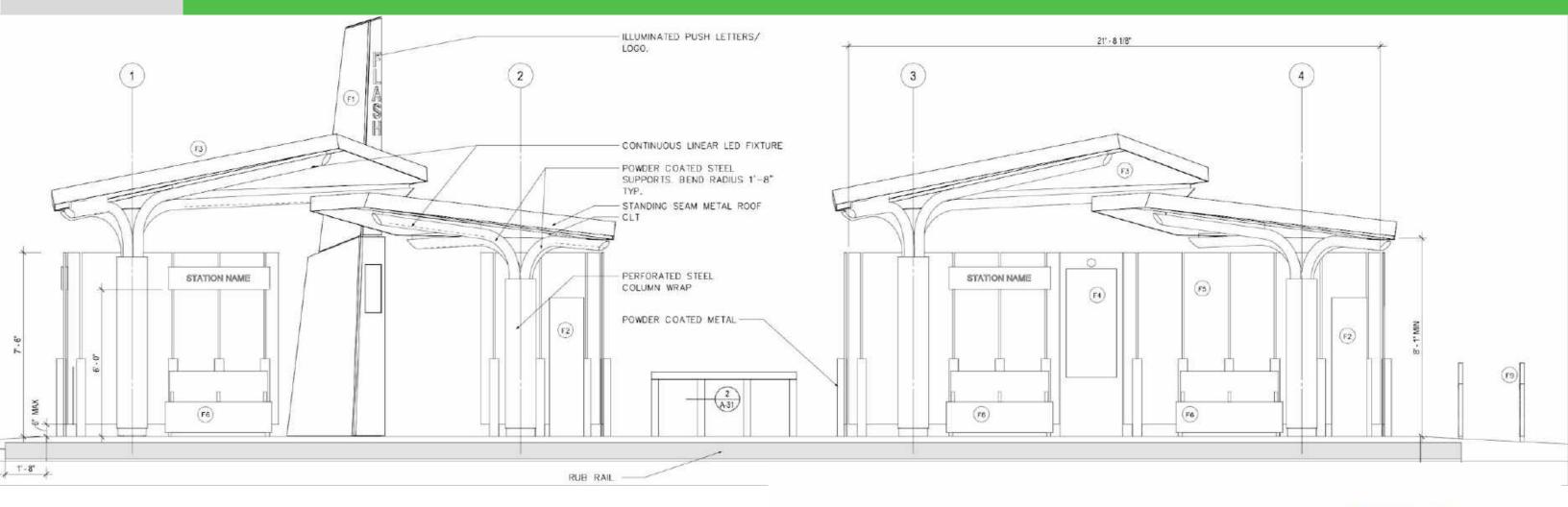
Performances were broadcast hundreds of times over the week and observed in all the markets we

Web-based engagements through the CityPost Application allowed for hospitals, schools and other volunteer organizations to share the talents and improve morale at those locations on demand

# Section 2 – FLASH Bus Rapid Transit

### FLASH Bus Rapid Transit

Section 2



In April 2020 - SCM was awarded a franchise agreement by Montgomery County for the installation of interactive digital kiosks in the public right of way, to include placement at 17 FLASH Bus Rapid Transit stations.

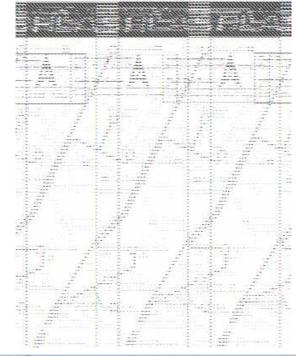




### Section 2 FLASH Bus Rapid Transit



On October 14, 2020 Montgomery County officially launched the FLASH Bus Rapid Transit service along US-29 at the Briggs Chaney Station. The occasion also marked the activation of the first CityPost kiosk in the DMV. Installation of an additional 16 CityPosts will begin in December of 2020 with completion to occur in early 2021.









### Section 2

### **Transit and Mobility Services**



## **CityPost Transit - Multiple Interactive Wayfinding Applications**

Multiple transit apps under one umbrella: real-time trackers, arrival counters, maps, wayfinding, rider info and content. The transit header displays dedicated real-time arrival information for next 3 vehicles and self-published alert ticker.

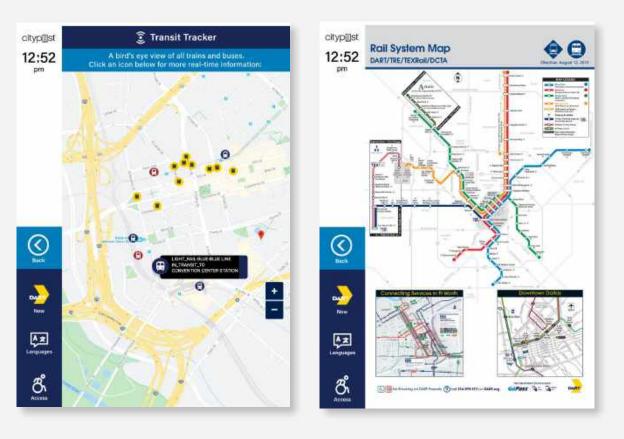
ay, April	20, 2020 Tri	inity Railway	y Express to
283 Do	owntown Da	llas / Conve	ntio 7m
378 Do	owntown Ga	rland STA	28m
378 So	outh Garland	Transit Cen	ter 41m
citypest 12:52 pm	2° Trip Planner		ransit Tracker
	townsus GOPAS At COMUS R How to Ride		ular Destinations
	New Interactive Digital Kiosks Bring Leading Edge Tech	Touch To See How You Can Ride Cleaner with DARTzoom	DART Plus: Rail Replacement
Beck	CANT		
Now Languages	2020 DART Student Art Contest; Paint The Town	Why should you ride DART Express Buses	A Day In The Life Of DART
තී Access			



How to Ride app with videos and instructional transit agency content



Multi-Modal Trip Planner with directions available by text, email or QR



Transit Tracker mapping allows users to see all transit vehicles from a bird's eye view



System maps and different viewing options are available for customized wayfinding

## Section 3 – Economic Recovery

12

### Section 1 Economic Recovery

PTS SHINE

SHU

www.bethesda.org

Sethesda

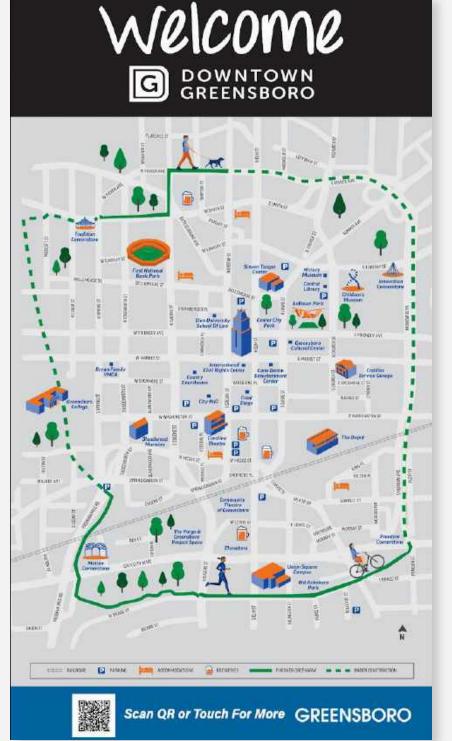
CityPost's promote community assets, encourage local spending and establish a climate conducive to economic activity



### **Economic Recovery**

Section 3

# **Servicing the Hospitality Industry**



The CityPost network is used across all deployments to market community events and business information and specials

GETY	8:06am
PATH to Journal Square	Arr
PATH to 33rd Street	2m <sup>®</sup>
PATH to Newark	3m <sup>®</sup>

icedc.org Small Business Highlight We R Innovations

JCEDC-JCSMALLBIZ

Scan QR or Touch For More CaTY



## PIERPONT'S ····· STREET ( A R ····· Lunch Feature COME IN & TRY OUR DAILY LUNCH SPECIALS!

Available Monday - Friday, 11AM - 2PM.

### LOCATED INSIDE HISTORIC UNION STATION

Each week we feature something new. For this week's selection, join our eClub.

### Section 3 Economic Recovery

# **Providing Visitor Friendly Content**

තී

Access

Swahil

French

Russian

Hindi

7 MILLION ANNUAL VISITORS

### \$1.9 BILLION SPENT BY VISITORS

### **IN MONTGOMERY COUNTY**

We embed locally and bring authentic content and content providers to our screens in every market that we deploy. From local news channels, to tourism based event calendars to local business specials. Our digital bulletin board is a wealth of immediate, local and real-time information.



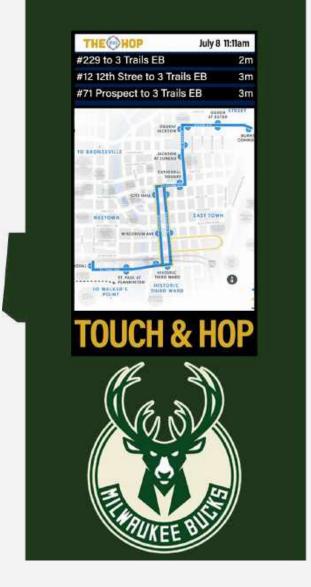
Real-time Events, News, Specials, Promos



Local Content and Community Inclusion



### citypist



Choose from over 100+ other languages to suit your citizens cultures

### **Economic Recovery**

Section 3

# **Empowering Small Business**

SCM small business program launched in 2017 - Citypost enables small businesses to post ad messages themselves via our Citypost.us website. We cared about small business before COVID and we will care after.



"Claudia Urrutia and Jesus Sanchez of La Quinta de Los Reyes restaurant have published their promotional ad on the new smart digital kiosks in Aurora. Local small businesses can promote for free."





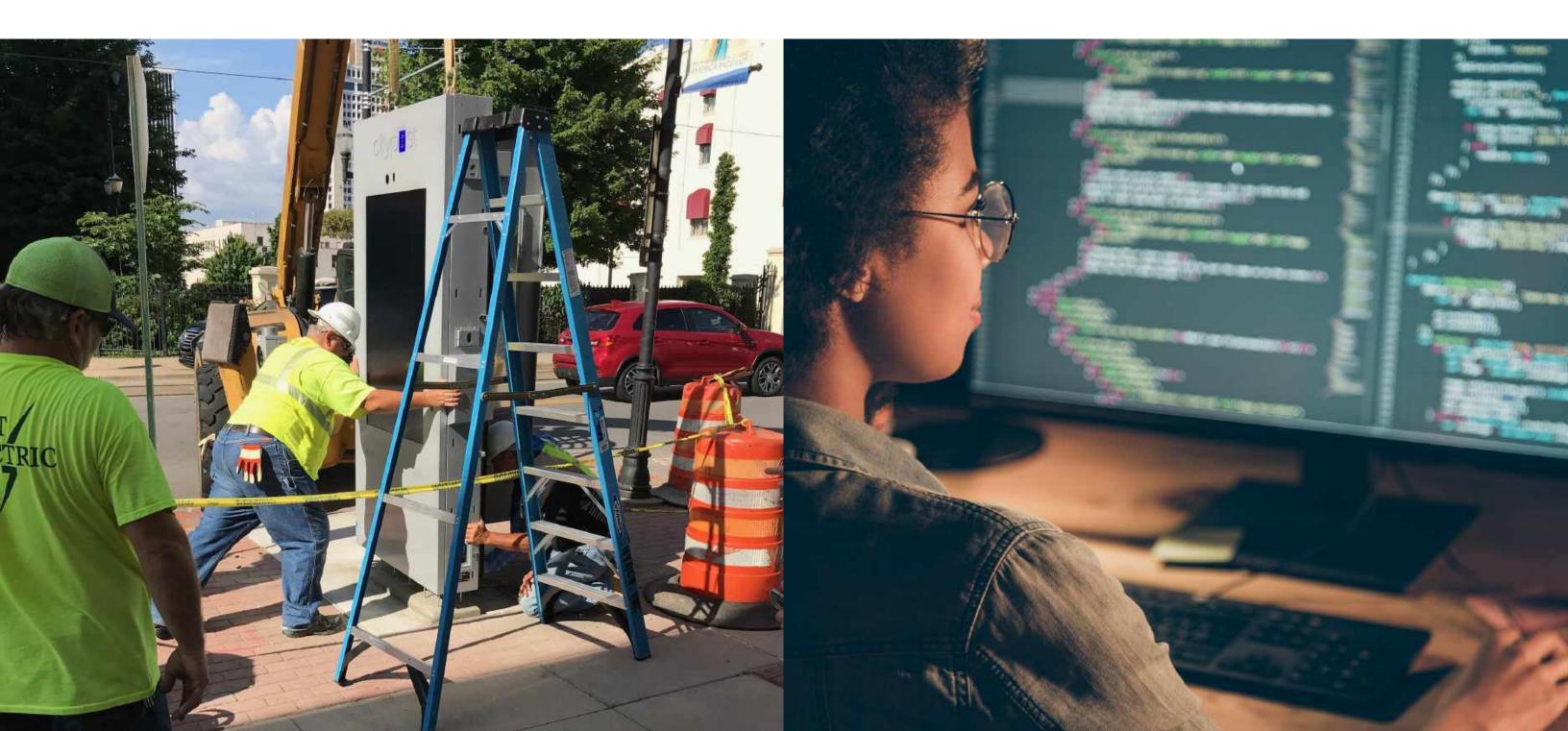
We have over 107 active small businesses posting for FREE in Aurora, IL today. Nobody else does this for their communities.

Click on the video below to watch how easy it is to post to Citypost."

### Section 3 Economic Recovery

# **Job Creation**

Smart infrastructure is an untapped commodity which can be **harnessed for good** across a wide range of job markets. System operations ranging from installation to programming can ignite an economic growth pocket. Municipal contracts of 10 years and more allow long term, recurring support for the local workforce. From maintenance to community engagement to AI/AR/VR specialists, coders, content managers, data scientists.



## Section 4 – Core Services

### Core Services

# **Connecting Comunities**



Section 4





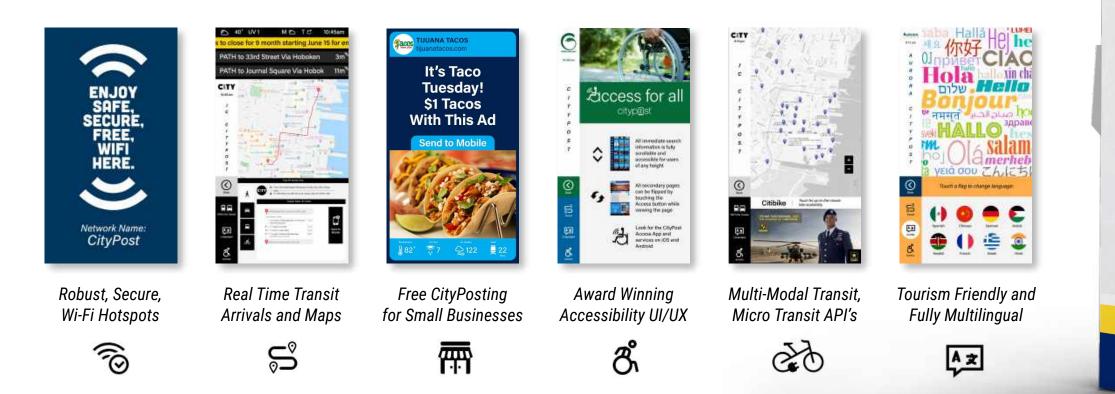






**CityPost Mobile** 

Cityp St combines custom built applications and curated information with connected devices, sensors, and data applications to improve the quality of life for residents, enhance economic growth and address urban challenges.





### 12

"You Are Here" Local Map with Transit Directions



4 Camera Capture, 24/7 near 360° Secure web retrieval



Public Safety Alert Messaging



Curated City Content from CityPost Newsdesk team



Integrates with City, Tourism & Third Party API's



Real-Time Data analytics for CityPosts at citypost.us



Camera app for City Featured Photo Booth



City publishing, image and video, via secure web portal



No Web access and Extreme data privacy measures

# Content & Media

Brooklyn Navy Yard - Transir Next Free Shuttle at Sands St. Gate Arriving in 7 Mins

Section 4

**Core Services** 

Citypst allows city agencies, businesses, advertisers, to publish real-time, street level interactive smart posters to any connected CityPost screen (interactive or broadcast, landscape or portrait). A first for street level communications. citypost.us

earch results - Scoger 🕱 💪 My Drive - Google Drive 🗴 🛄 Features - Google Sister 🗶 🖨 CityPost Gar

<image/> <complex-block></complex-block>	<text><text><text><text></text></text></text></text>	<complex-block><complex-block></complex-block></complex-block>	<text></text>	Cityp st Cityp st Cityp st Conternation of the state o	5 D	#BREAKING: #MiamiBeach mayor asks residents to voluntarily evacuate ahead of #HurricaneIrma
Publish to	Fully	Real-Easy,	Alert	Send to Mobile	Turn by Turn	Real-Time Trans
Any Screen	Multilingual	Real-Time Posting	Templates	or Email	Directions	Arrival Template







Kiosk, TV, Mobile





Community Sponsors and Messaging



Real-Time Health Info and Alerts

e Transit emplates Redemption Ready

Change or **Update Anytime** 

### **Core Services**

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citypast

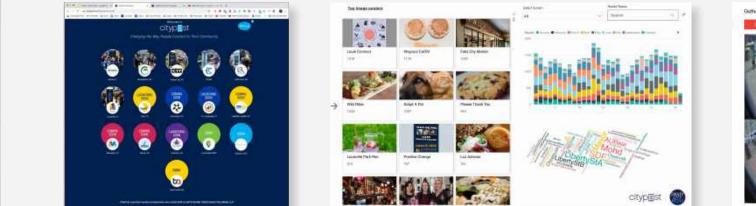
DART

# Software & OT

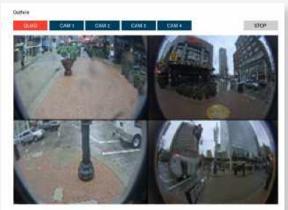
Citypast is an open, distributed real-time, ecosystem with our own solutions allowing us to integrate seamlessly with other technologies and services

- **5G LTE Private Network**
- Poster Publishing
- Ad Exchange
- Payment Gateways
- IoT Integration
- Sensors

- Public WiFi
- Hardware Agnostic
- Data Analytics
- LED Lighting Control
- **CityPost Content API** lacksquare
- Mobile & BLE



**Data Analytics** 



**Camera** Portal





SCM Console















## Section 5 – New Innovations

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### Section 5

### **New Innovations - Air Quality Programming**

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Α

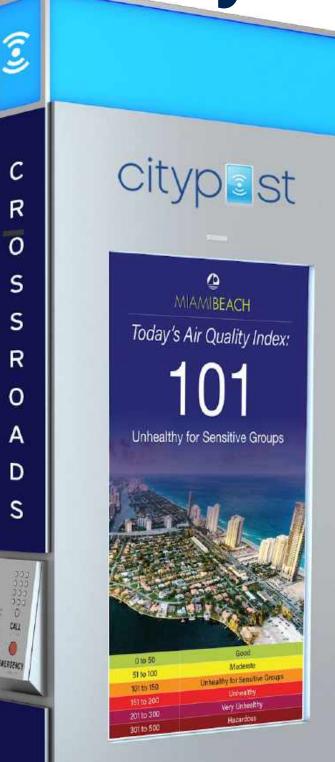
# **Sustainability and RESILIENCY**



Micro-sensor & Antenna

### **Available Sensor Solutions** Air Quality - Lighting - Noise - Weather

•	Temperature
•	Humidity
•	Atmospheric pressure
•	Ultrasound (distance measurement)
•	Particulate Matter-(PM2, PM2.5, PM1
•	Carbon Monoxide (CO) [Calibrated]
•	Carbon Dioxide (CO2) [Calibrated]
•	Molecular Oxygen (O2) [Calibrated]
•	Ozone (O3) [Calibrated]
•	Nitric Oxide (NO) [Calibrated]
•	Nitric Dioxide (NO2) [Calibrated]
•	Sulfur Dioxide (SO2) [Calibrated]
•	Ammonia (NH3) [Calibrated]
•	Hydrogen Sulfide (H2S) [Calibrated]
•	Noise meters



SCM is working closely with deployed cities on and long term solutions

### IoT sensors to capture air quality information:

- city or neighborhood?
- lacksquaresources?
- neighborhoods where noise is an issue?

The CityPost standard offering is to broadcast the temperature, UV index, and weather feed available from a regional EPA testing location and post them on the footer of our CityPost screens.



# sustainability and resilience plans, both short term

Is there information that will help improve the quality of life in your

Are there air quality studies that could benefit from having more data

Do you have communities that are being developed as mixed-use



### **New Innovations - EV Kiosks** Section 5

### This solution will help significantly reduce greenhouse gas emissions while providing all communities an equitable and convenient clean transportation system.



### **New Innovations - Health Kiosks** Section 5





# PROTECT Increased safety with temperature check



FLIR has a 510(k) filing (K033967) with the US Food and Drug Administration (FDA) for select camera models for use as an adjunct to other body temperature screening tools to detect differences in skin surface temperatures.

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