Connected Infrastructure- The Future of Cities

cieca
Collision Industry Electronic Commerce Association

Peachtree Corners, GA

Curiosity Lab at Peachtree Corners

Build a home for high-tech companies and create a place where people could live, work and play.

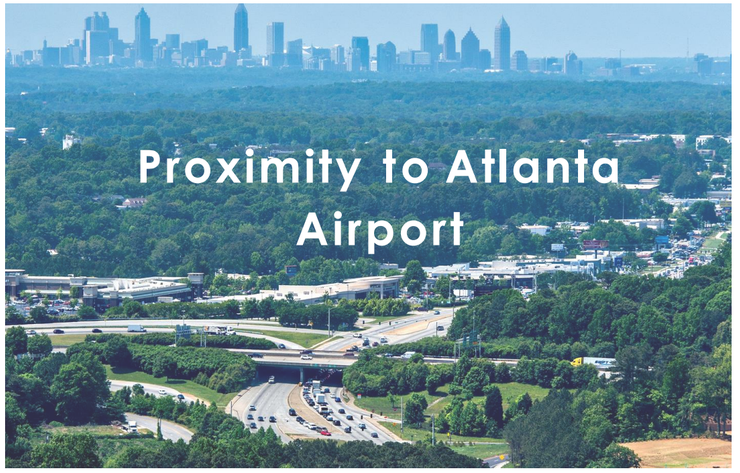
Industry giants such as Hayes Microcomputer, and Scientific Atlanta were among the first companies to make 500 acre Tech Park their headquarters, and General Electric expanded their presence in the area.

Technology companies attracted engineers and high- paying professional careers to Peachtree Corners.

TECH PARK IS HOME TO SOME OF THE WORLD'S MOST DISRUPTIVE TECHNOLOGY COMPANIES AND FORTUNE 500

T-Mobile SIEMENS UPS

Crawford Honeywell



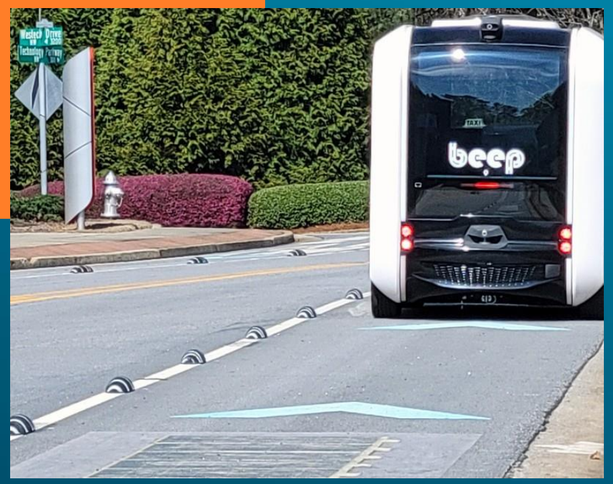
A Bold Step Into the Future

How can we use public infrastructure?

How can we compete with other municipalities?

How to capitalize on Georgia's first Technology Park?

WHO ARE WE?



City Street of the Future

State-of-the-art smartcity infrastructure

3-Mile Public Autonomous Test Track

(4.82 kilometers)

Mobillity Test Platform

Connected Infrastructure / V2X Test Platform

Innovation Center

25,000 square feet of space that is home of some of the most innovative companies

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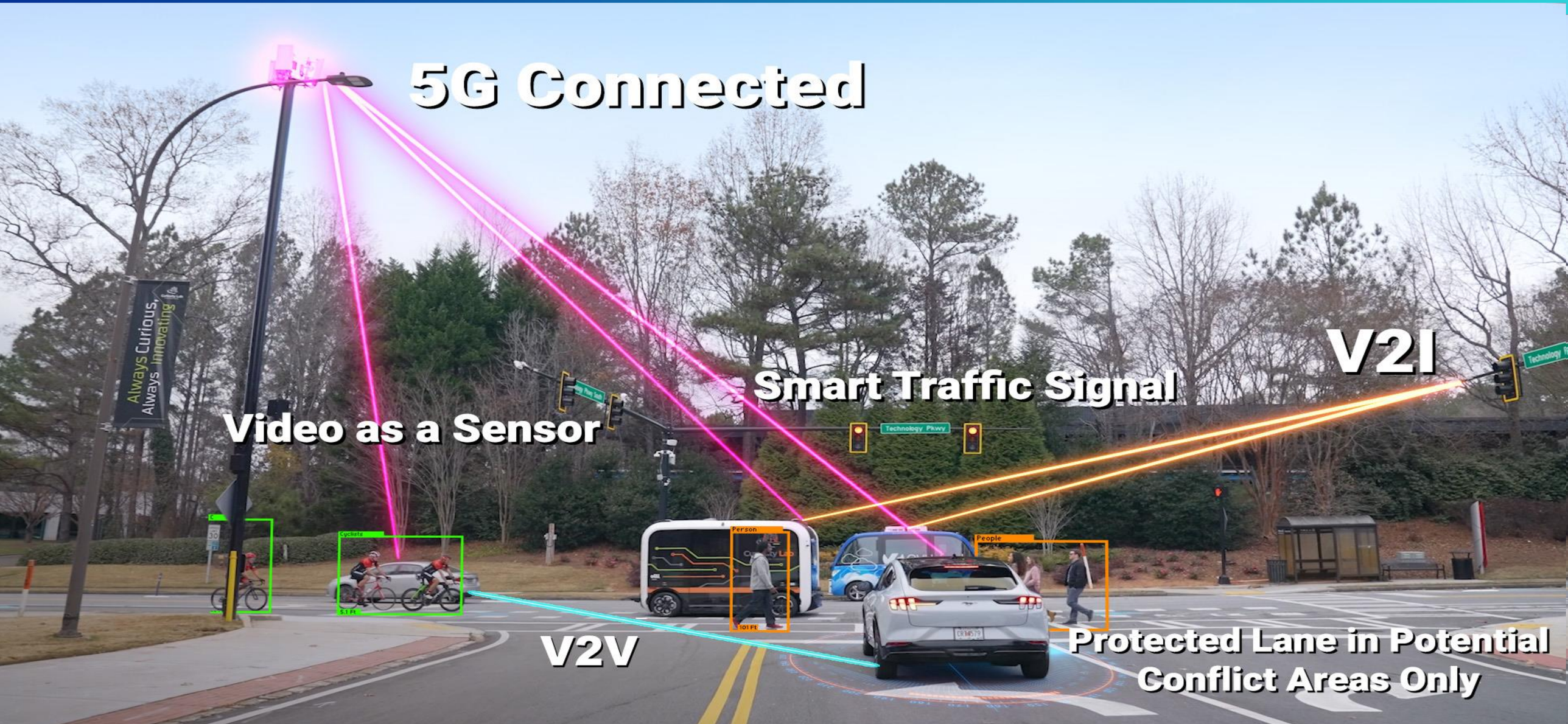
A Model for the "City Street of the Future"

The nation's FIRST smart city powered by real world infrastructure + next generation connectivity



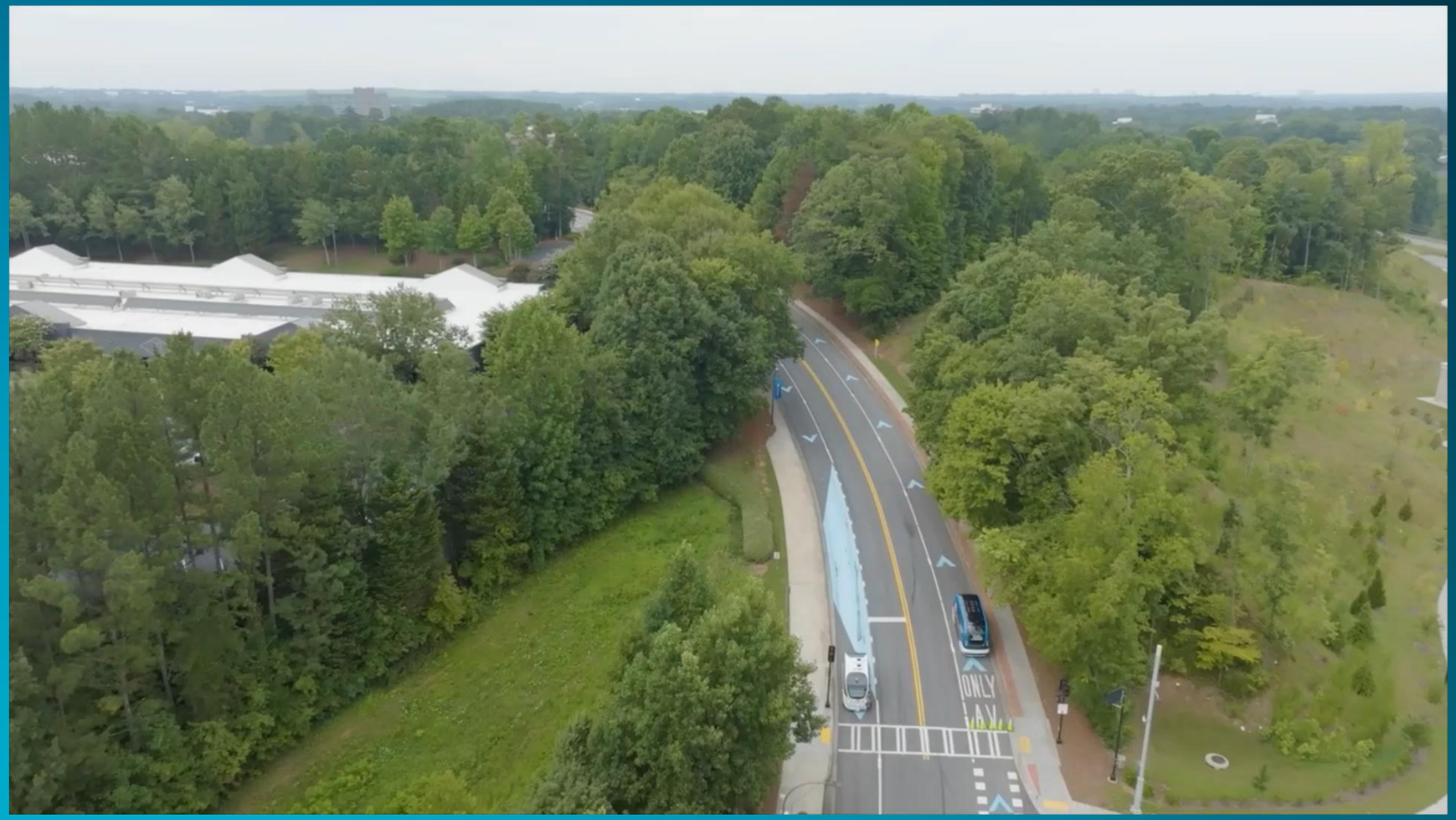
AUTONOMOUS/ADVANCED VEHICLE TEST TRACK

Integrated public roadway

- Mature tree canopy
- 13% grade change

  Sweeping curves

- Multi-story commercial and residential buildings



MOBILITY TEST VEHICLE.

Open-source platform with historical data for collection unlike anywhere else in the nation

ALWAYS ADVANCING.

Innovation Center

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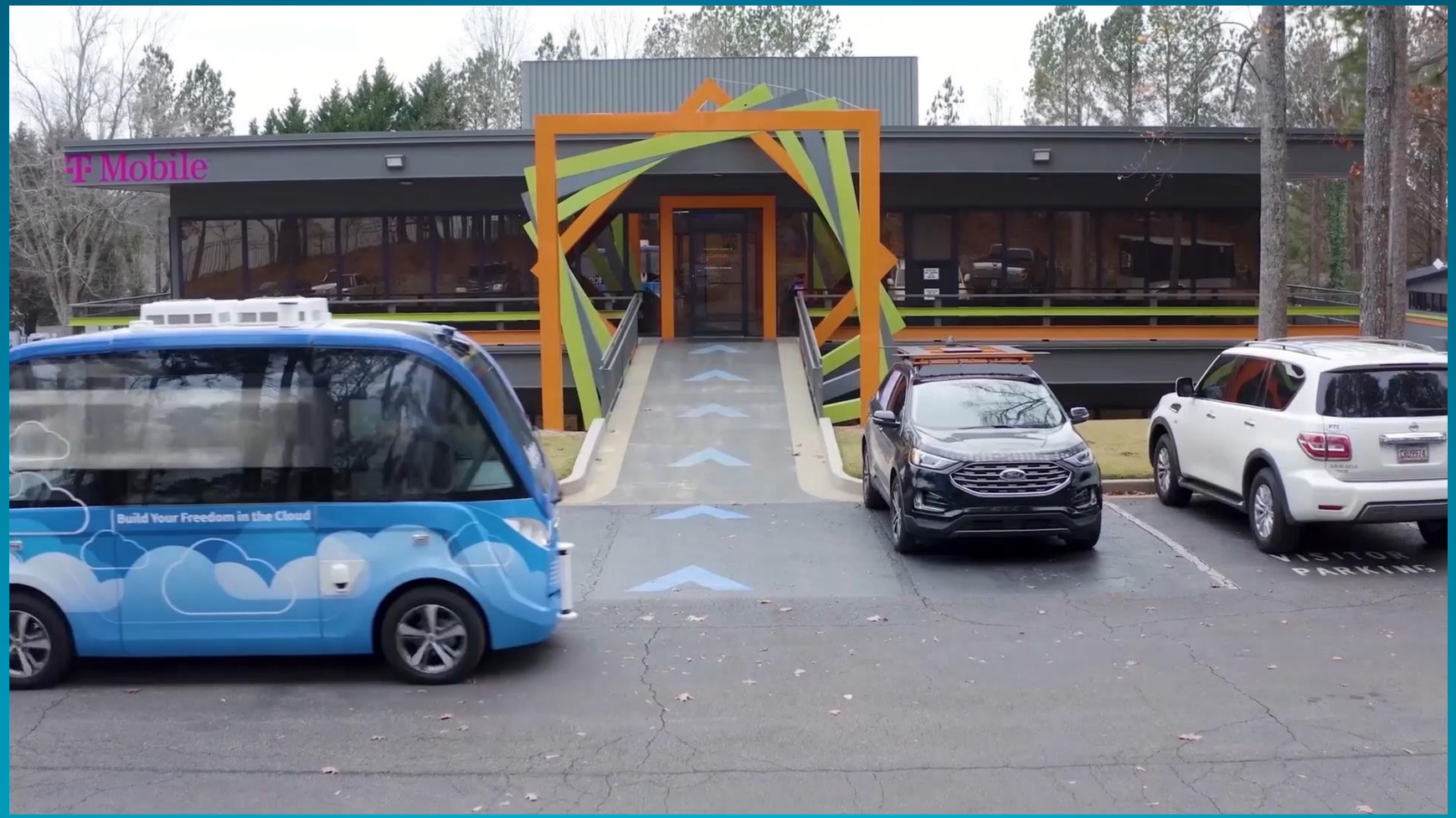

- Technology Incubator for growing &scaling early-stage startups
- Corporate Innovation Space
- 25,000 square feet of flexible space

ALWAYS DRIVING. ALWAYS SOARING.

Teleoperated Testing

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Real world integration of docking operations

Teleoperated E-scooter as a service

Autonomous drone delivery technologies

Long flight automated battery swap

ALWAYS LEADING.

Moving Smart City technology forward

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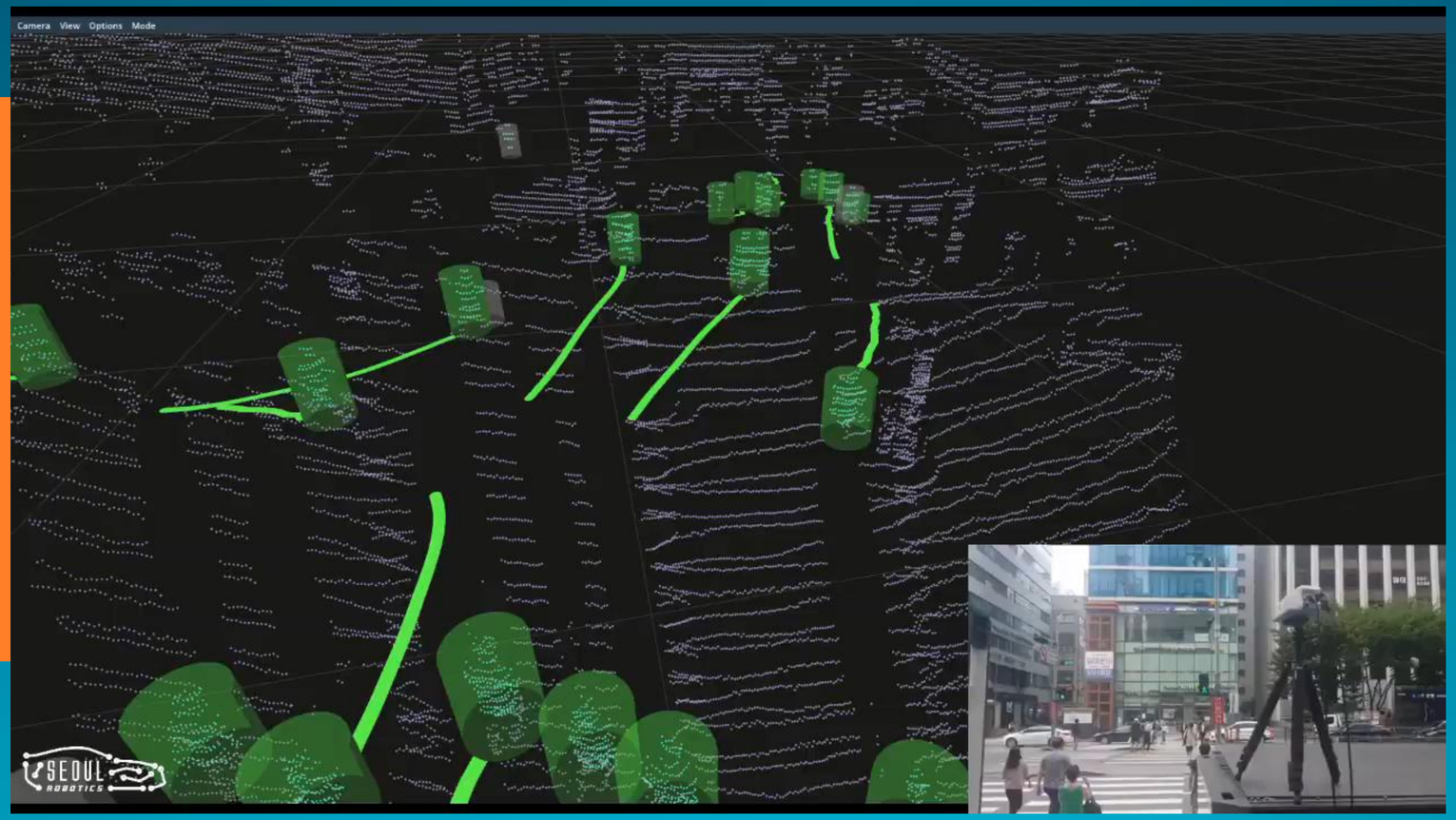
Computer vision software that uses state-of-the-art deep learning to create highly accurate3D models of the world real time.



Data centers on the sidewalk – digital infrastructure that enables next-gen applications on the network edge.

Connecting the Unconnected

Pedestrian Crosswalks

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VRU Safety

Protecting our most vulnerable

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The Complete Intersection

Protecting all road users

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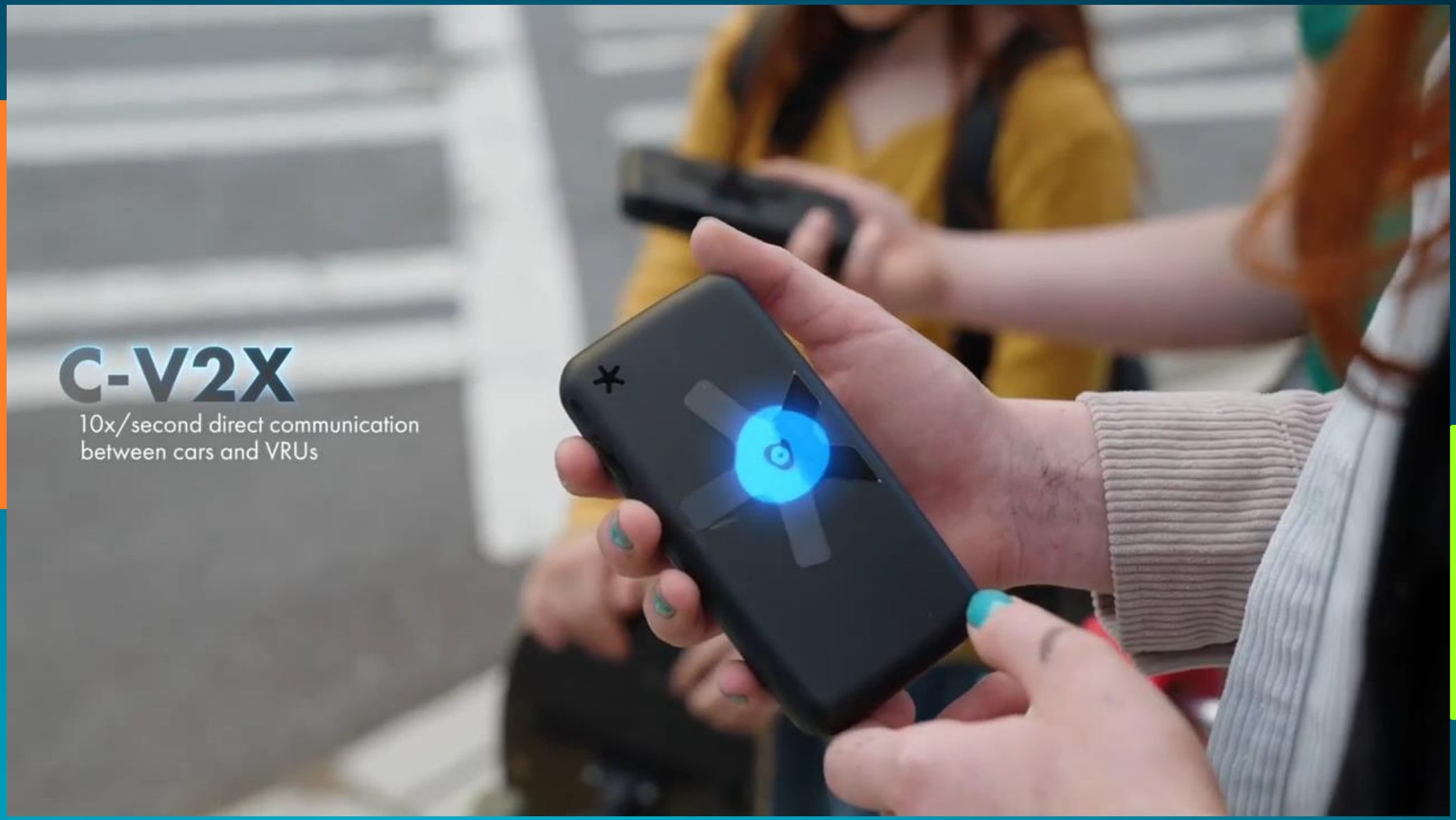

UNLIKE ANY OTHER SMART CITY ENVIRONMENT ON EARTH.

- Live 5G wireless environment
- City government owns all infrastructure: quick approvals and decisions
- No charge for the use of the ecosystem / infrastructure
- No intellectual property rights required
- Respect and guarantee of security for proprietary data
- Highest level of data security protection for unclassified data

PARTNERS

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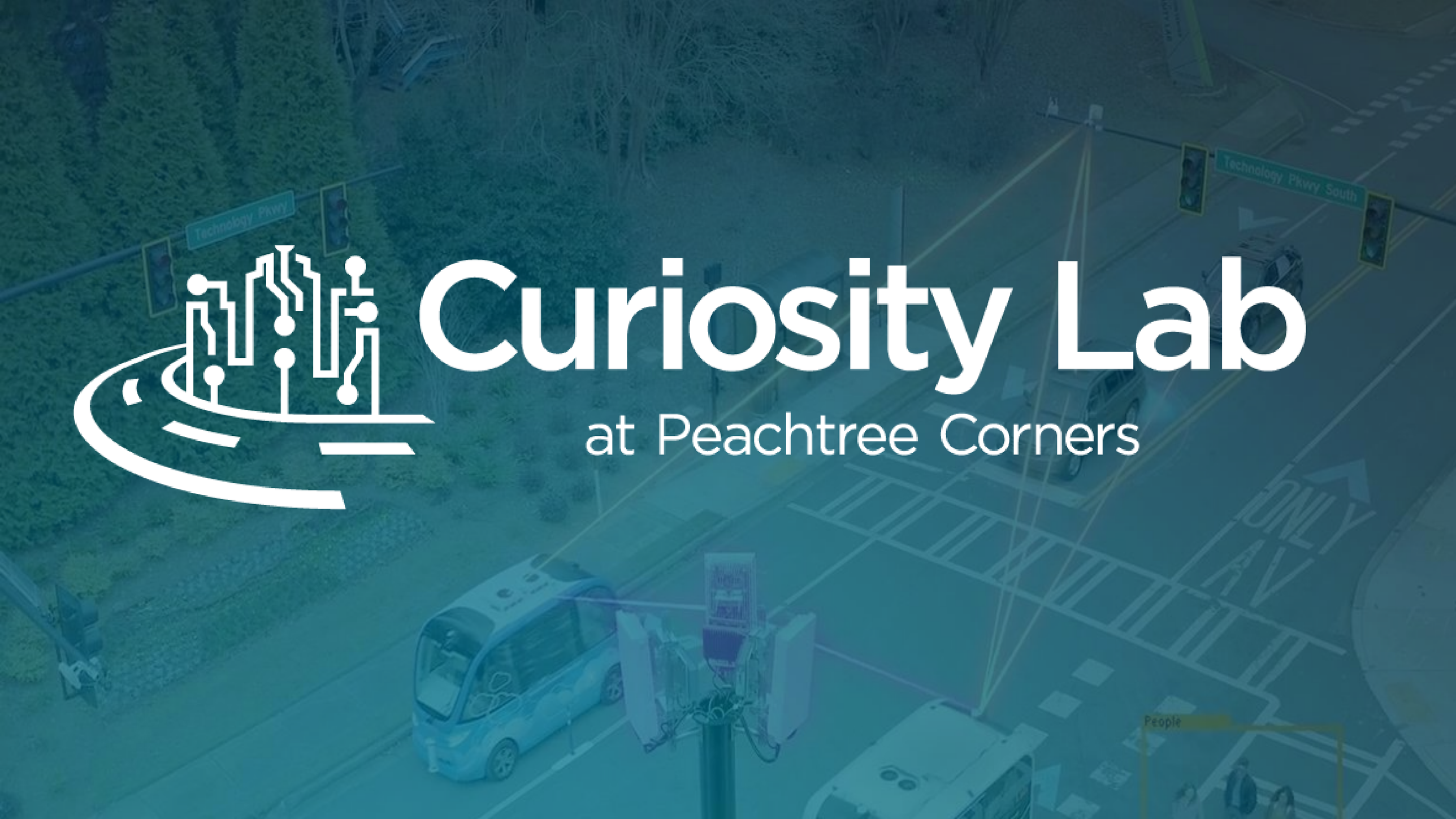
T-Mobile
BOSCH
beep
TRAFFICAST
La FRENCH TECH
SkyMul
iteris
iPgallery Urban Mobility
CISCO
BlueTOAD Spectra RSU
FRENCH AMERICAN CHAMBER OF COMMERCE
Cynamics
clearwave fiber
AUVSI
Cyber 2.0
TAG Technology Association of Georgia
Your virtual guard Cawamo
Georgia Power
ASHRAE
GAMA Georgia Automotive Manufacturers Association
Intelliterra
OUSTER
ups
i-charging
Sanguina
ROADSENSE SMART ROAD INFRASTRUCTURE
Georgia Tech Research Institute
ISRAEL LIVING LAB Smart Mobility
PAUL DUKE STEM HIGH SCHOOL
OVHcloud
ZONOS DECODING CROSS-BORDER

INTERNATIONAL PARTNERSHIPS & COLLABORATIONS



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