

Redefine the Future.

City by City



Hyperion 1 WPZ Post-Top

current
powered by GE



Smart City 2.0

Creating equity in economic growth opportunities through digital infrastructure

SMART CITY 1.0

City Hall makes the city better.



SMART CITY 2.0

City Hall enables everyone to make the city better place to live, work and play

ENABLING DIGITAL INFRASTRUCTURE WITH

CityIQ™ IoT Platform

Designed with Future-proofed City in Mind



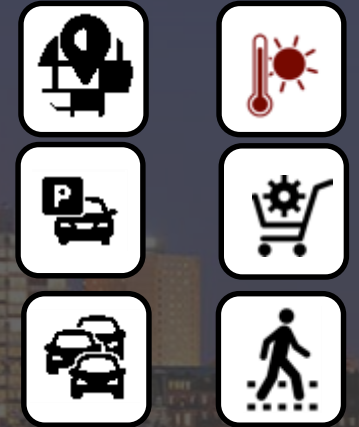
REAL-TIME & HISTORICAL

Traffic
Parking
Pedestrian
Media
Environmental
Other

DEVELOPERS

Partners
SIs
Entrepreneurs
Incubators
High School
College
Hackathons
Etc.

APPLICATIONS



REFERENCE APPS



ParkingView CitySight TrafficPulse

CAPTURING DATA On the Move.

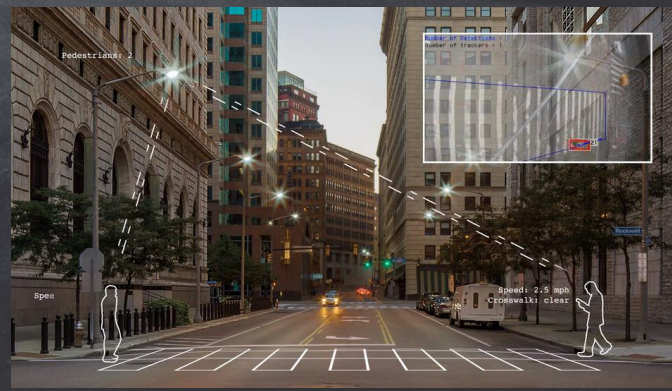
CityIQ's Intelligent nodes on the street poles can "see" with computer vision, including:

Parking | Traffic | Pedestrians | Gunshot Detection | Situational Awareness | Environment | More...

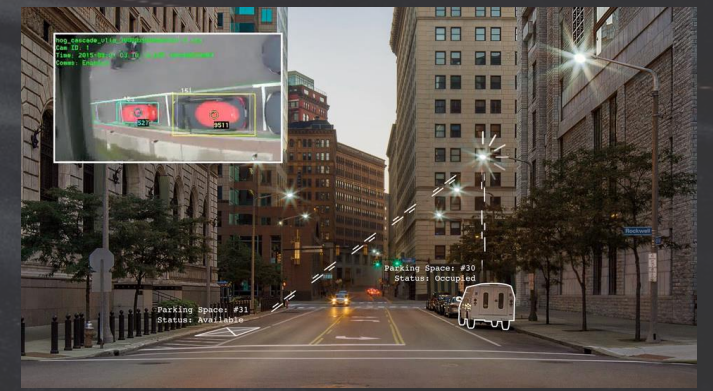
TRAFFIC OPTIMIZATION



CROSSWALK UTILIZATION



PARKING ENFORCEMENT





Vehicles: 2

Type: Van
Speed: 15 mph

Type: Car
Speed: 22 mph



Pedestrians: 2

Spee

Number of Detections = 1
Number of trackers = 1

Speed: 2.5 mph
Crosswalk: clear





Parking Space: #31
Status: Available

Parking Space: #30
Status: Occupied



WHAT TO LOOK FOR IN Smart City Data.

REAL-TIME



UBIQUITOUS



ACTIONABLE



CITY-OWNED DATA



ALL DEPARTMENTS
& COMMUNITIES



PARTNERS AND DEVELOPERS DRIVE

Demand Creation.

40+ Application Partner Ecosystem.

Transportation



Citizen Safety



Networks & Infrastructure



Environmental



Urban Development



OPEN APIs SPARK Innovation.

DEVELOPERS WANTED!



WINNING APP: *Intelligent world hackathon*



Marauder mApp

Community-based app recommends a safer route and provides a virtual escort to enhance pedestrian safety.

RUNNER UP:



Hearth

Connects sensor-enabled street lights and traffic signals to create a real-time, city-scale social network for intelligent traffic management and emergency services offline

OTHER BRIGHT IDEAS:



DreamBiz

Helps entrepreneurs and small business make smarter decisions about their future business ventures



Digital Cane

Helps blind citizens navigate city streets.



Valet

Provides virtual parking assistance that guides users to a geographically ideal, available, metered spot.



Airport Traffic Monitor

Calculates the number of passengers entering and exiting airports to help manage airline security, staffing and wait times.



GoGoKart

Helps food trucks find prime locations.



Flux

A novel close-loop automated congestion management system capable of autonomous sensing and acting intersections

60+ APPS BUILT TO DATE

60+ APPS BUILT TO DATE

Millions More to Go.



A background image of a city skyline at dusk or dawn, with various buildings and streetlights visible. The sky is a mix of blue and orange hues.

PARTNERS AND DEVELOPERS DRIVE Demand Creation.

THE RISE OF THE SOFTWARE ENGINEER

**18.5 MILLION
SOFTWARE DEVELOPERS**
in the world

Source: PC World

7.5 MILLION (40%)
software developers
are “hobbyists”

Source: PC World

5.4 MILLION
are actively developing in
a cloud environment
(375% increase since 2009)

Source: Evans Data Corp.

There were **677,900 SOFTWARE ENGINEERS** in the U.S. in 2003 and **1,018,000** in 2013
(12.5x the overall rate of jobs growth).

Source: Smart Asset



THE IMPACT OF THE App Economy.

Apple App Store Brought in \$40 Billion for Developers since 2008

1.9 Million Jobs

in the U.S. alone attributed to the App Store

1.4 Million JOBS (75%)

attributed to the community of app creators,
software engineers and entrepreneurs building
apps

Source: Apple



CITY OF SAN DIEGO

Living the Digital Transformation

World's Largest Smart City IoT Platform Deployment

3,200 CityIQ™ Intelligent Nodes Deployment starting in July, 2017

“Repurposing San Diego’s lighting infrastructure in a way that allows the community to put their hands on the heartbeat and nervous system of the city is our way of building a smart city app store,” said David Graham, San Diego Chief Deputy Officer.

“Fostering innovation and improving infrastructure are important to enhancing the lives of all San Diegans. This new technology will give the City and developers the opportunity to make our neighborhoods safer and smarter,” said San Diego Mayor Kevin Faulconer.

Together, we’re making the future a reality in San Diego.

current
powered by GE