



# INNERSPACE inFORCE

*Public Health & Safety Solution*

Smart Cities deploying COVID19 response strategies need to know what's happening inside public spaces.

InnerSpace offers the world's most accurate indoor location data - using WiFi.

# INNERSPACE inFORCE

*Designed with public health and safety in mind, inFORCE analyzes the movement of people within public spaces for Smart Cities.*

## SOCIAL DISTANCING

- + Identify buildings where social distancing policies need to be enforced and supported
- + Inform people of traffic density in key public spaces

## EMERGENCY RESPONSE

- + Deploy first responders directly to those in need, no matter where they're located indoors
- + Improve speed-to-response and rescue outcomes

## PATIENT TRACKING

- + Identify travel pathways of infected patients to provide targeted communication to public health organizations
- + Maintain personal privacy with anonymized data

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- + **inFORCE** provides security and operations teams with key people metrics to improve facilities maintenance and cleaning

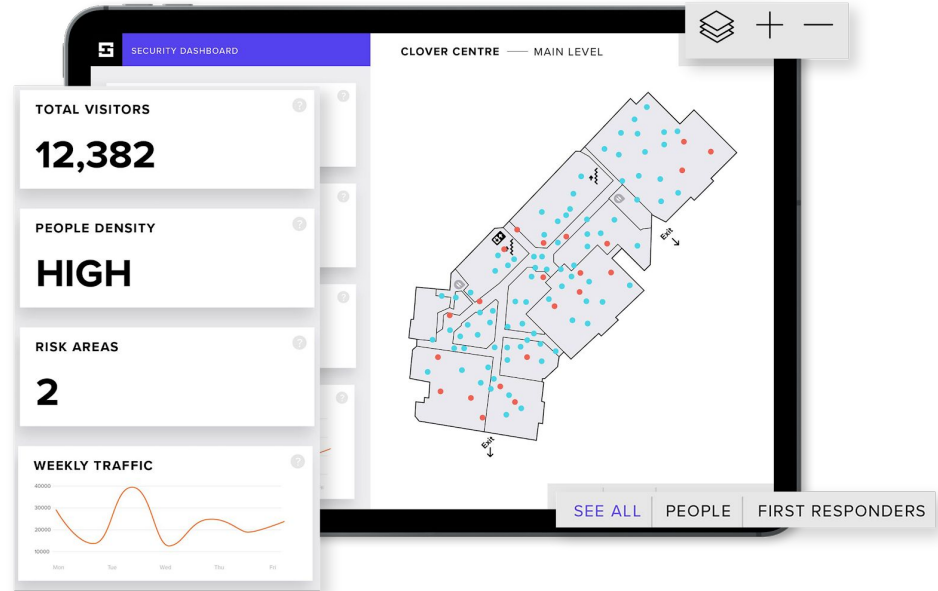
- + **inFORCE** locates people inside buildings - including which floor and zone

- + **inFORCE** narrows down exact times and locations to avoid widespread panic and minimize mass quarantines

# INNERSPACE inFORCE

## SECURITY & OPERATIONS DASHBOARD

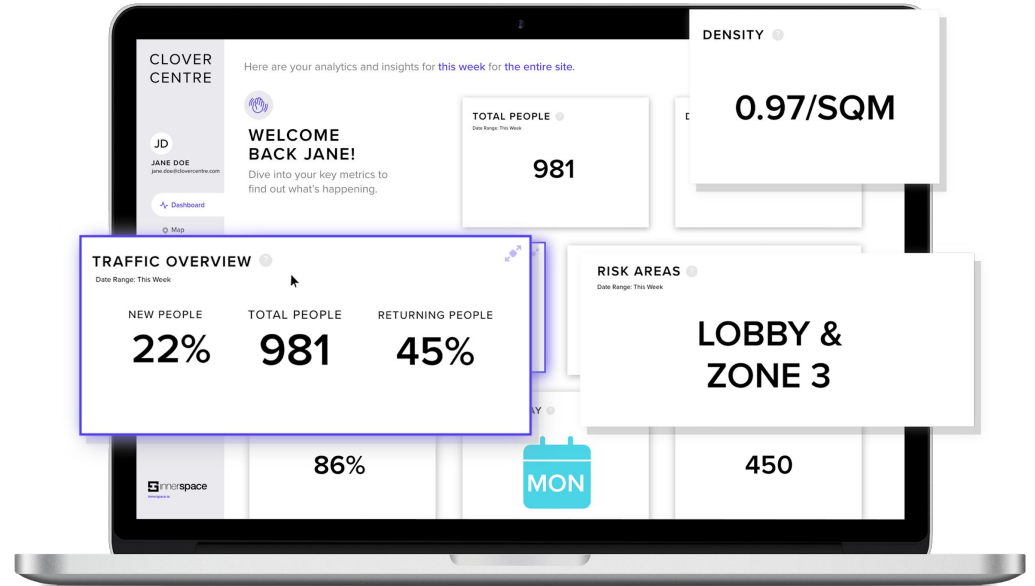
- + Single-screen display visualizing the location of people for security and operations teams in real-time
- + Monitor critical metrics including
  - Total Visitors
  - People Density
  - Congested Areas
- + Deploy cleaning and facilities to high-traffic areas
- + Direct security and public health teams to disperse crowds and improve communication
- + Direct emergency response teams to improve rescue outcomes



# INNERSPACE inFORCE

## BUILDING ANALYTICS

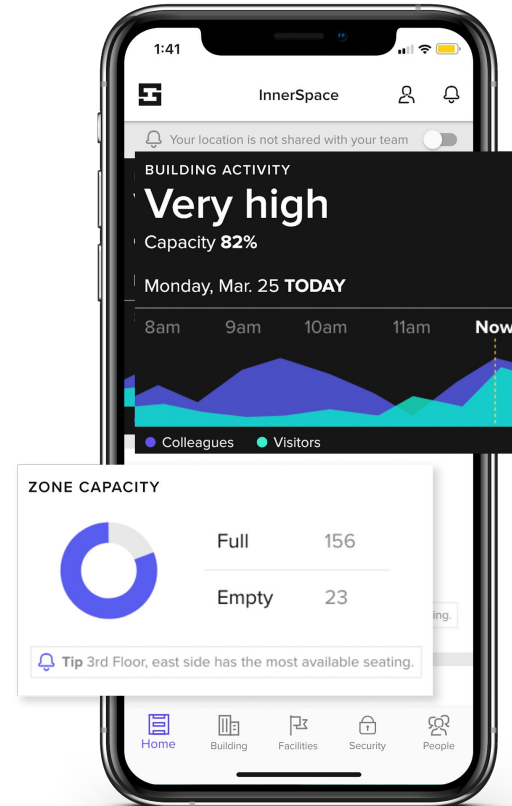
- + Measure building and operations performance to support social distancing strategies over time
- + Use data to inform strategies across seasonal trends
- + Assess building or retail designs to improve traffic flow



# INNERSPACE inFORCE

## API & MOBILE APPS

- + Connect inFORCE to your mobile apps to alert people in your buildings
- + Inform people of high-risk behaviors or areas
- + Change consumer behavior by providing information
- + Direct people inside buildings for most efficient travel pathways



# THE INNERSPACE PLATFORM

*InnerSpace inFORCE uses existing public WiFi networks to provide the most accurate indoor location data.*

## NO ADDITIONAL HARDWARE NEEDED

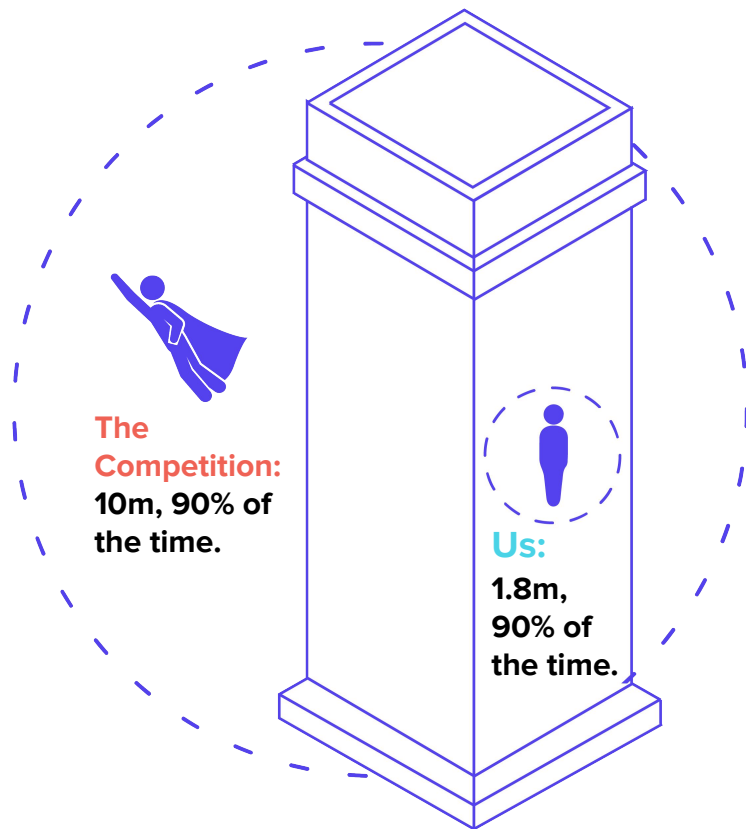
- + Connects to existing WiFi network
- + Analyzes RSSI data
- + Returns location data via API

## WORLD'S MOST ACCURATE DATA

- + Provides sub-2m location accuracy indoors

## CITIZEN PRIVACY PROTECTED

- + Anonymous, GDPR compliant
- + No personally identifiable data stored
- + No video, no facial recognition



# INNERSPACE inFORCE CASE STUDY

## DEPARTMENT OF HOMELAND SECURITY



### OVERVIEW

The Department of Homeland Security funded an active shooter training exercise on November 18 at George Mason university in Fairfax Virginia. As part of the State of Virginia's Smart City initiative, the DHS team needed a way to identify the location of citizens and first responders in an emergency scenario.

### THE PROBLEM

The Center for Innovative Technology's (CIT) knew in order for a public safety solution to be viable, it needed to scale. Believing that WiFi was the only technology that could enable this type of deployment at scale in the future, CIT investigated potential partners but could not find a solution that provided enough accuracy to be useful in a life-and-death situation.

### THE SOLUTION

CIT approached InnerSpace as the only WiFi based indoor location platform with the needed accuracy to support the Smart City initiative. InnerSpace provided WiFi tags to track emergency responders, and analyzed the presence of smart devices to identify citizen locations. The data was presented in a real-time dashboard for the Command & Control team.

### RESULT

With InnerSpace, the Department of Homeland Security had never-before-available insight into the location of people and first responders in an emergency scenario. Throughout the exercise, InnerSpace data informed rescue strategies to improve response speed and improve rescue outcomes.





# IS Innerspace

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