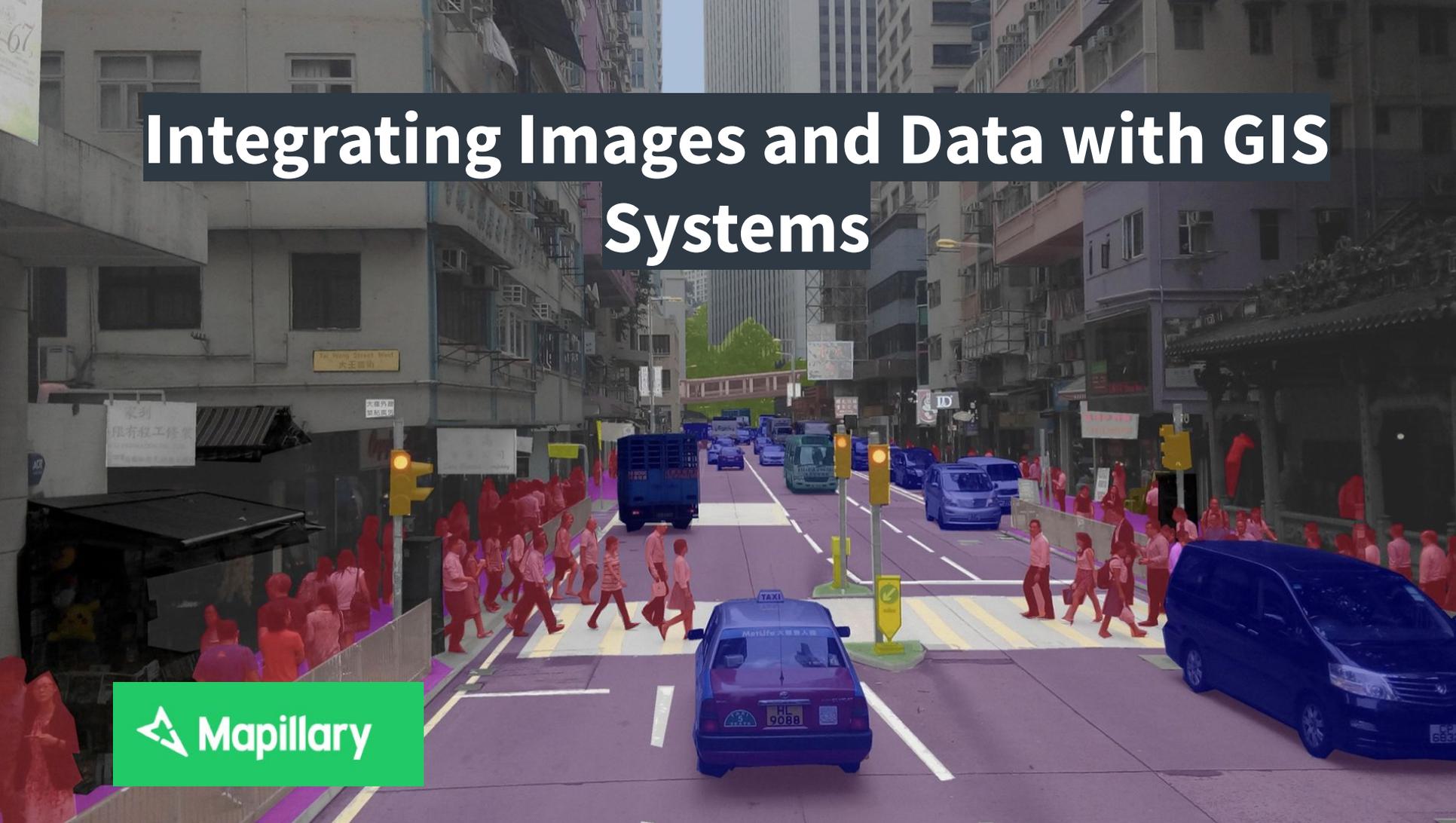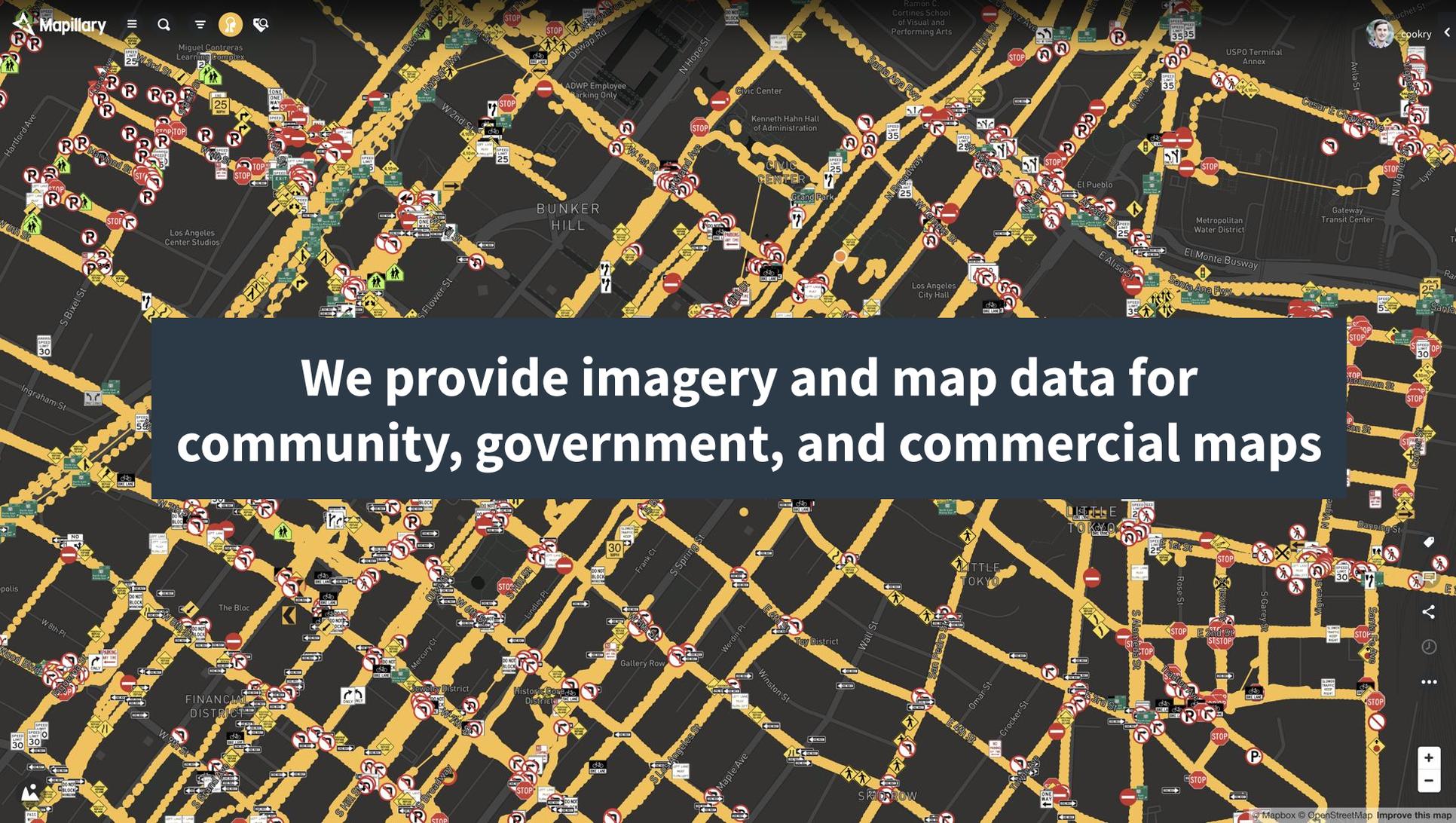# Integrating Images and Data with GIS Systems
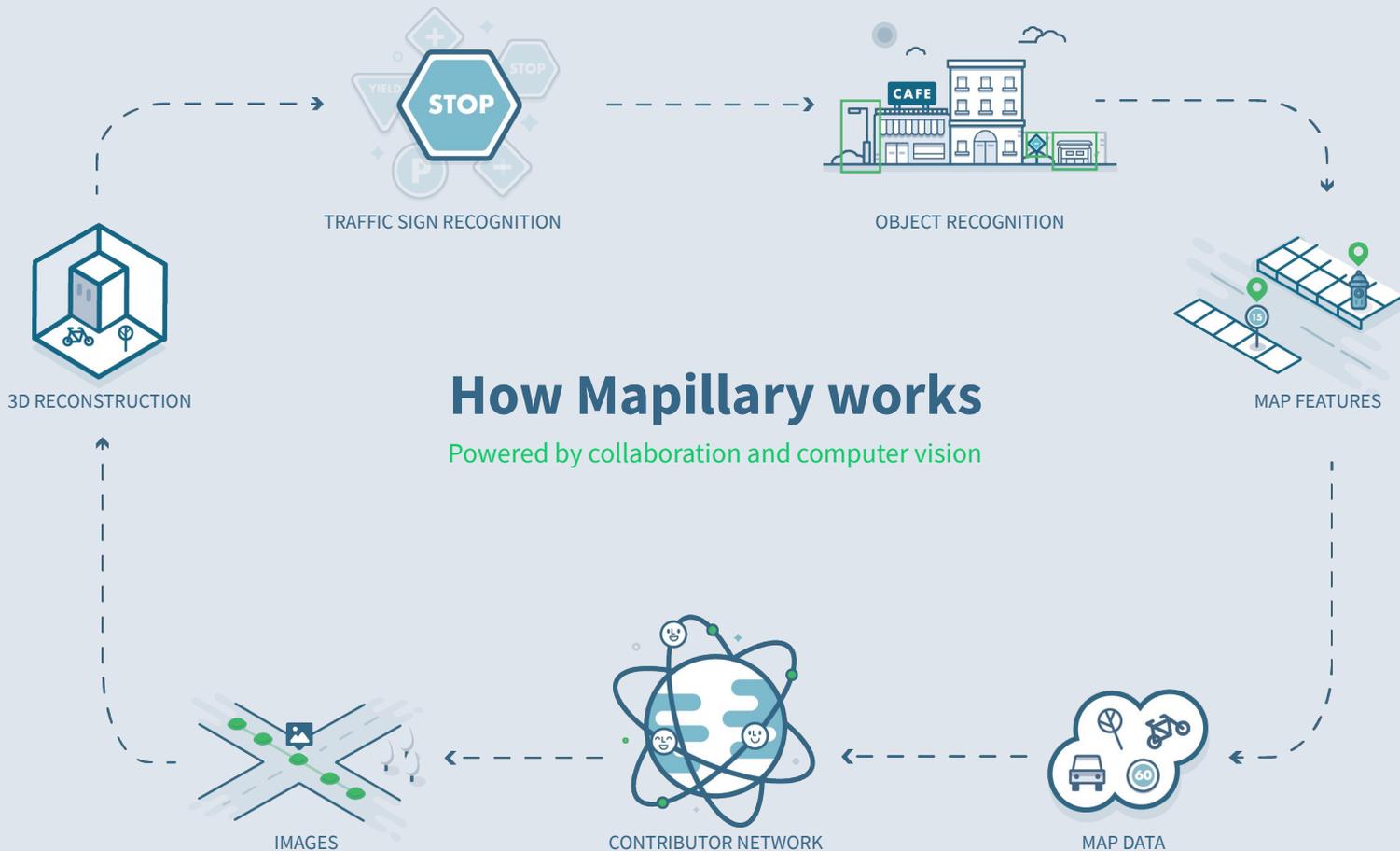
Mapillary is the street-level imagery platform that scales and automates mapping.

We provide imagery and map data for community, government, and commercial maps

How Mapillary works

Powered by collaboration and computer vision

TRAFFIC SIGN RECOGNITION

OBJECT RECOGNITION

3D RECONSTRUCTION

MAP FEATURES

IMAGES

CONTRIBUTOR NETWORK

MAP DATA

Scale up collection and data extraction

Collect imagery with any device

Upload to Mapillary

Processed within 24 hours

To Date:
896 Million Images, 11.5 Million kms mapped
50 Billion Objects, 190 Countries

Our customer deeply integrate maps and mobility

here

powering 4 out of 5 in-car navigation systems in North America and Europe

OpenStreetMap

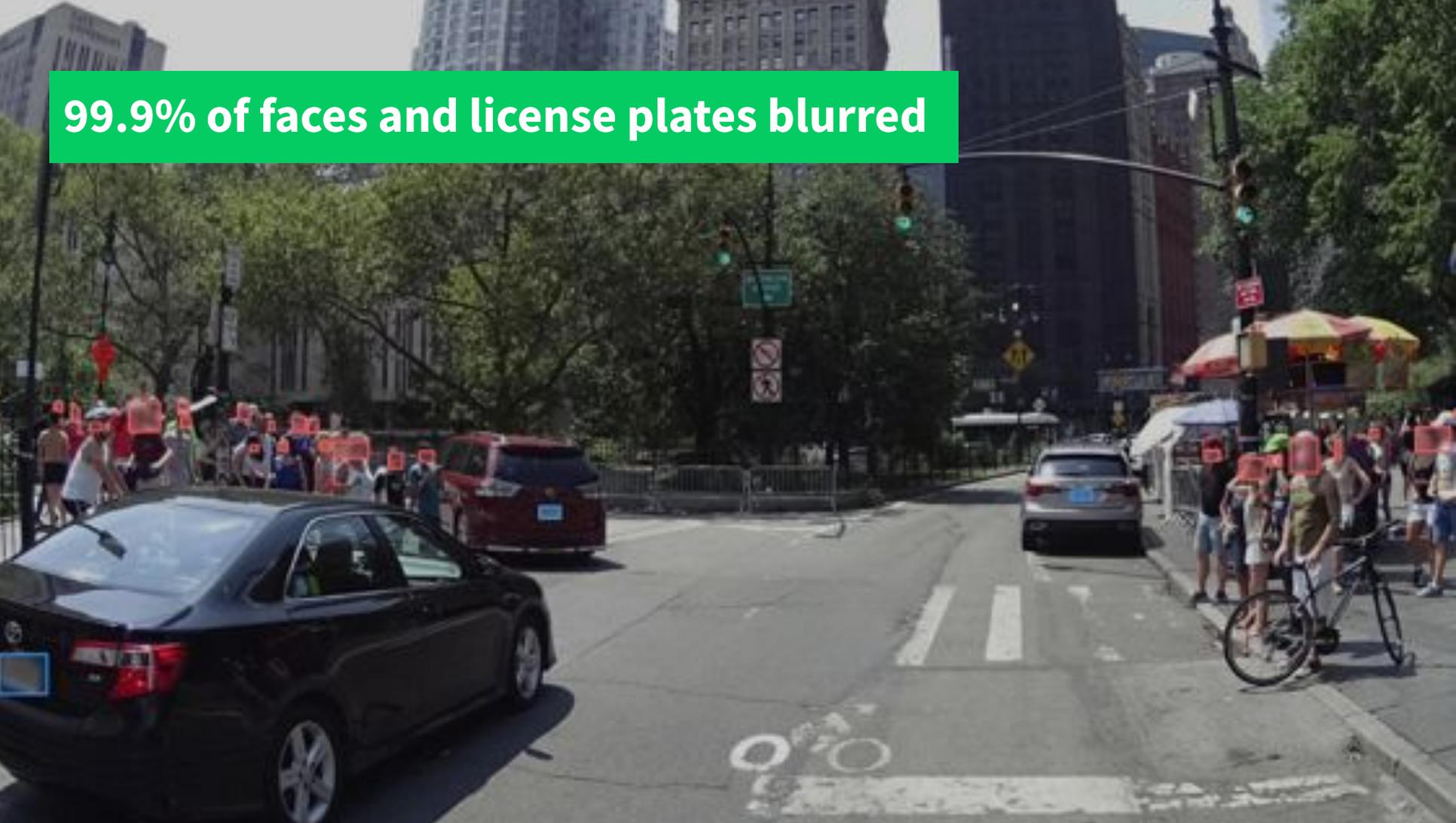~3.8 million contributors, a free, openly licensed, map of the world

esri

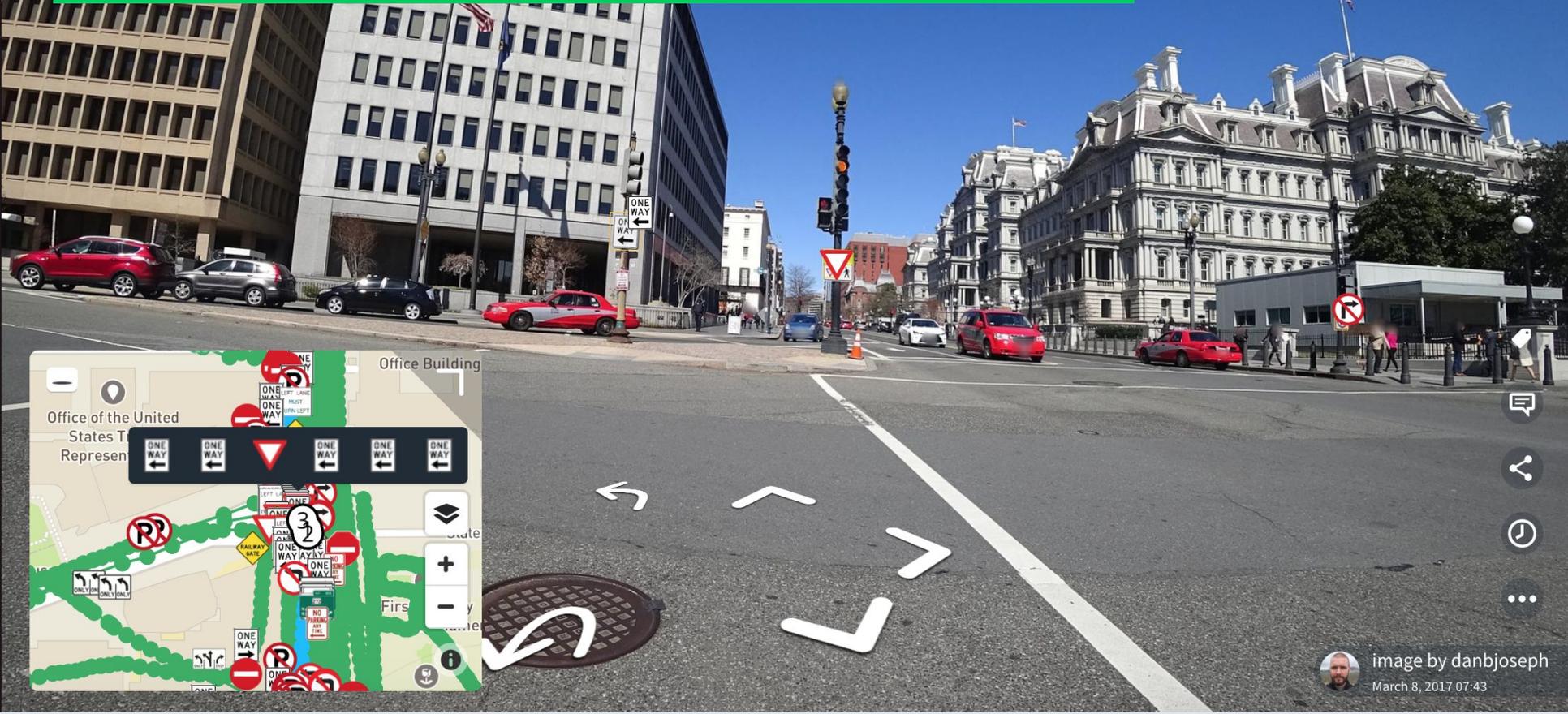the world's most powerful mapping and spatial analytics software

mapbox

250 million miles driven per day

99.9% of faces and license plates blurred

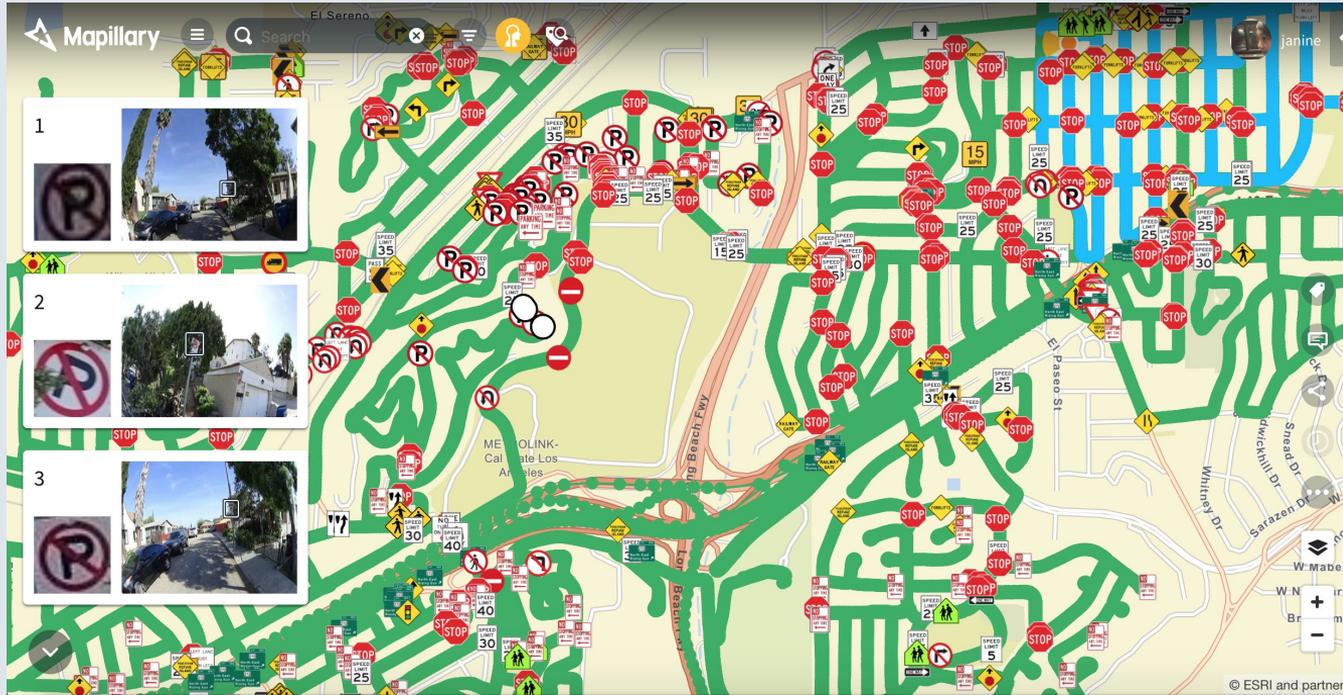1500 traffic signs recognized in 100 countries

97 classes of street-level features detected
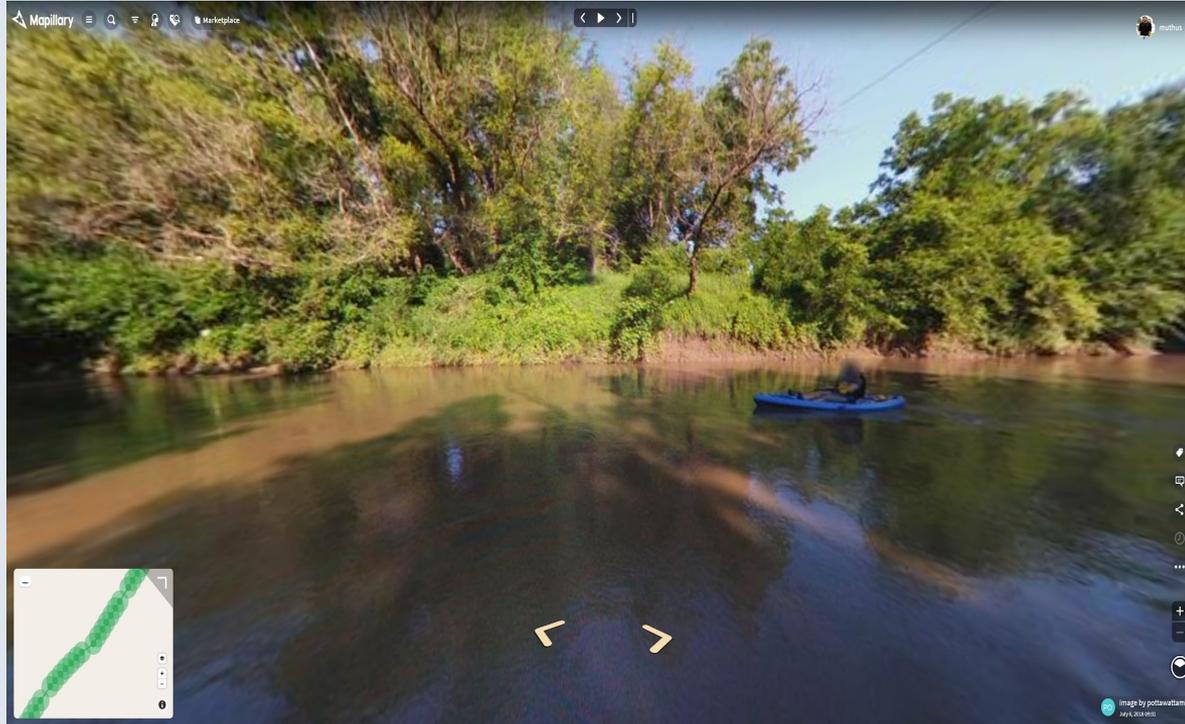
SHOWCASE

Feature Extraction

Los Angeles County DPW collects imagery from inspector vehicles every month to track changes in traffic signs.

Trail Mapping

Westchester County created "trail views" of hiking paths in parks all over the county to complement highly accurate trail maps from aerial surveys.

Stream Mapping

Pottawattamie County mapped out their streams all over the county on kayaks using 360 cameras to look into erosion, vegetation encroachment, trees etc.

Integrate Layers

Erie County, Ohio
Match images to parcels for land registration and appraisals

Greater Reach

Santa Clara VTA collects imagery for land use development reviews to support transit service extensions and to manage congestion
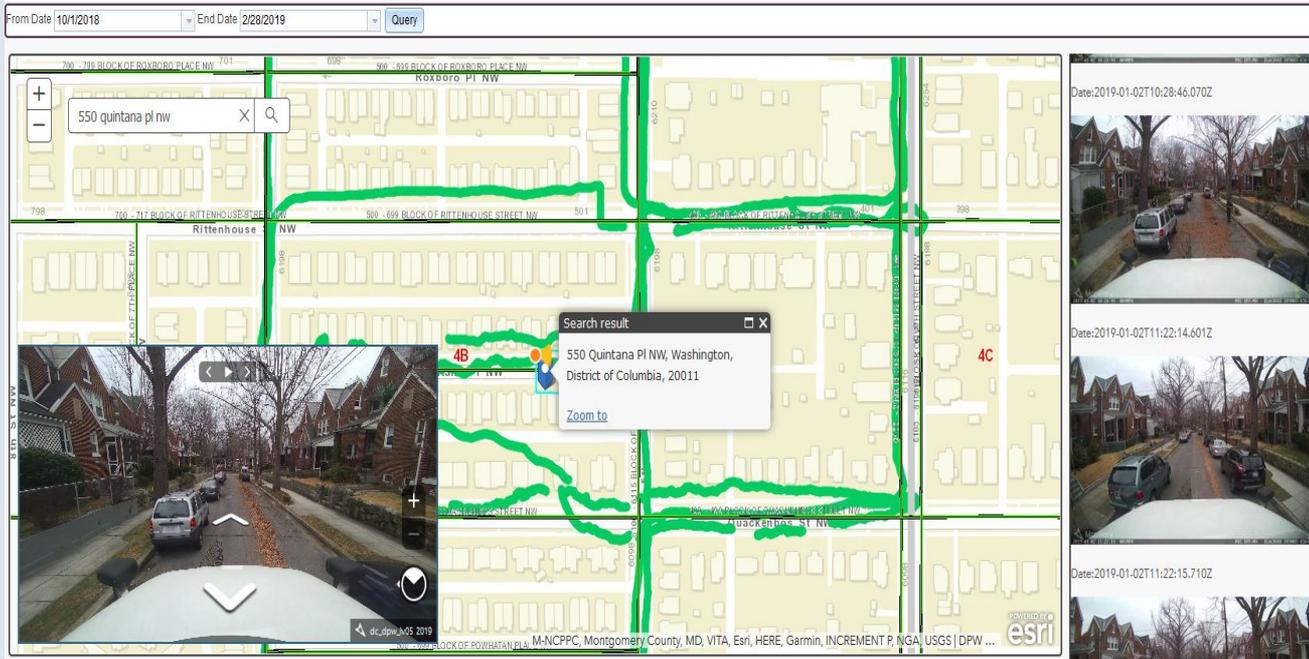
Frequent Updates

City of Detroit tracks progress on capital projects, real estate, map features using street-level imagery viewed over time.

Quick Turnaround

The **Connecticut Department of Transportation** collected imagery for Autonomous Vehicle testing corridors within a week to meet project deadlines.

Resource Efficient

Washington D.C. Department of Public Works conducted a pilot with sanitation trucks equipped with dashcams to collect before/after imagery for leaf season operations

Map the world with us!

THANK YOU!

Mapillary

muthu@mapillary.com