



On-Demand Logistics Intelligence

Next Level Utility Field Operations



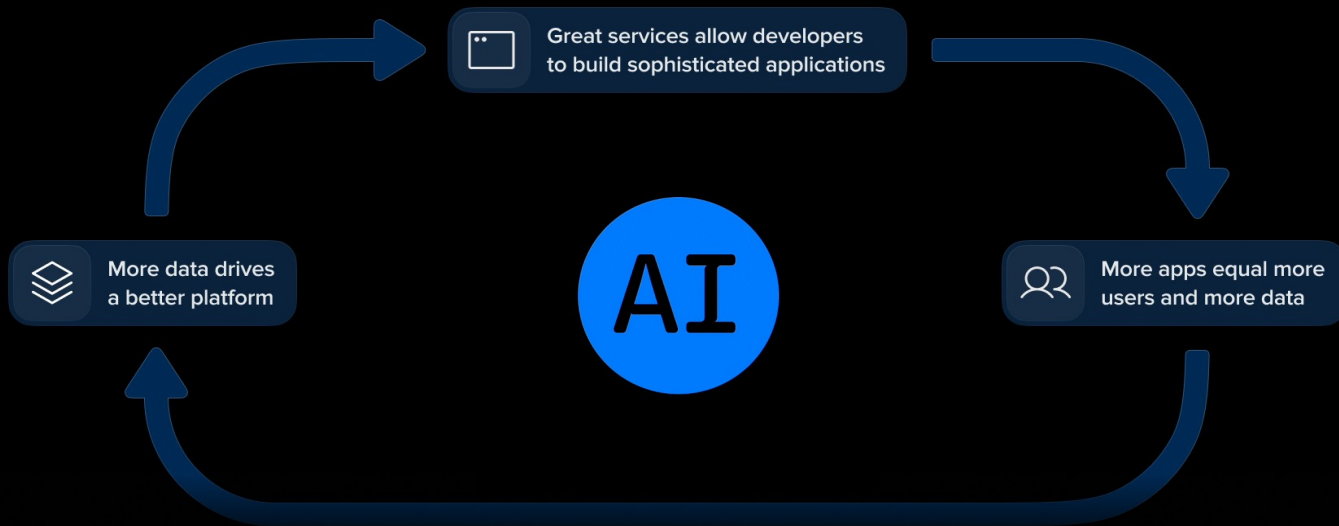
Agenda

- 1 **Introduction**
- 2 **Mapbox Overview**
- 3 **Kraken/Octopus Energy Use Case**
- 4 **One More Thing...**



Mapbox Overview

The Mapbox AI Flywheel



4+ Million
Registered developers

700+ Million
Monthly active users

2.1+ Billion
Weekly miles of data

700K
Map updates per day

Mapbox Powers Location-Intelligent Experiences Across Industries

Innovative solutions for maps, navigation, and location-based applications

Travel	BI & Analytics	Consumer Apps	Retail	Weather	On-Demand Logistics	Automotive
Telecom	Recreation	Media	Energy & Agriculture	Mobility		Partners

4+ Million

Registered developers

700+ Million

Monthly active users

2.1+ Billion

Weekly miles of data

700K

Map updates per day

Saving customers time, money, and millions of miles per year



**+18% improvement in
ETA Accuracy**



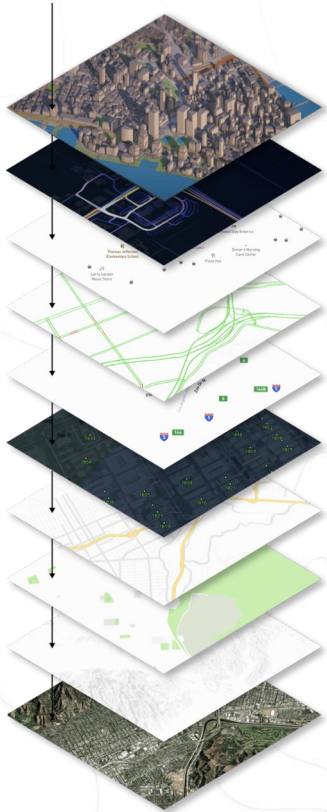
**200% ROI in
operational savings
via reduced churn and
refunds**



**+167% more daily jobs
completed via
efficient scheduling
and routing**

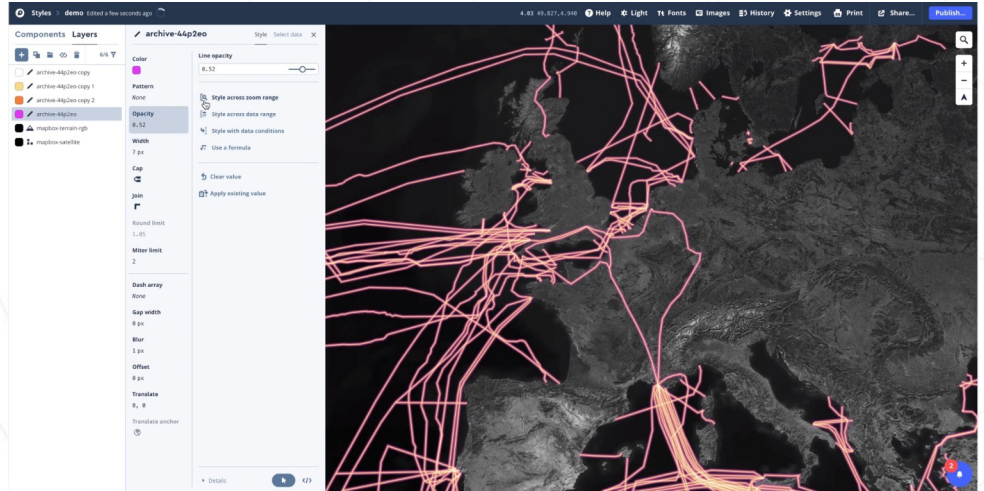
Map Data Layers

- 3D
- ADAS Map
- Places
- Real-time traffic
- data Traffic
- signs
- Addresses
- Road network
- Land use
- Terrain
- Satellite / aerial imagery



Data layers are the foundation of our Live-Location platform

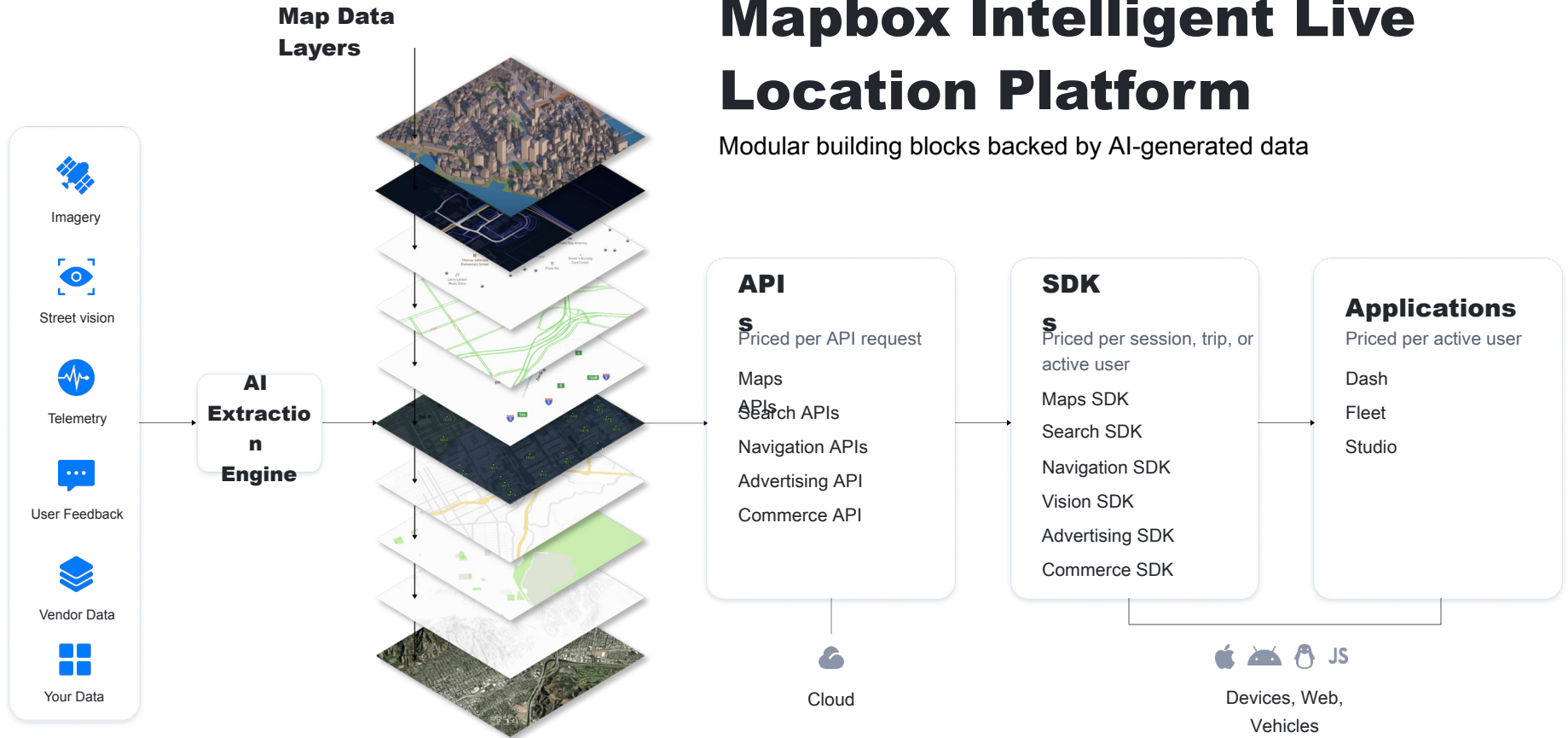
A wide selection of high-quality data and broad geographic coverage built-in, with the ability to bring your own enterprise data

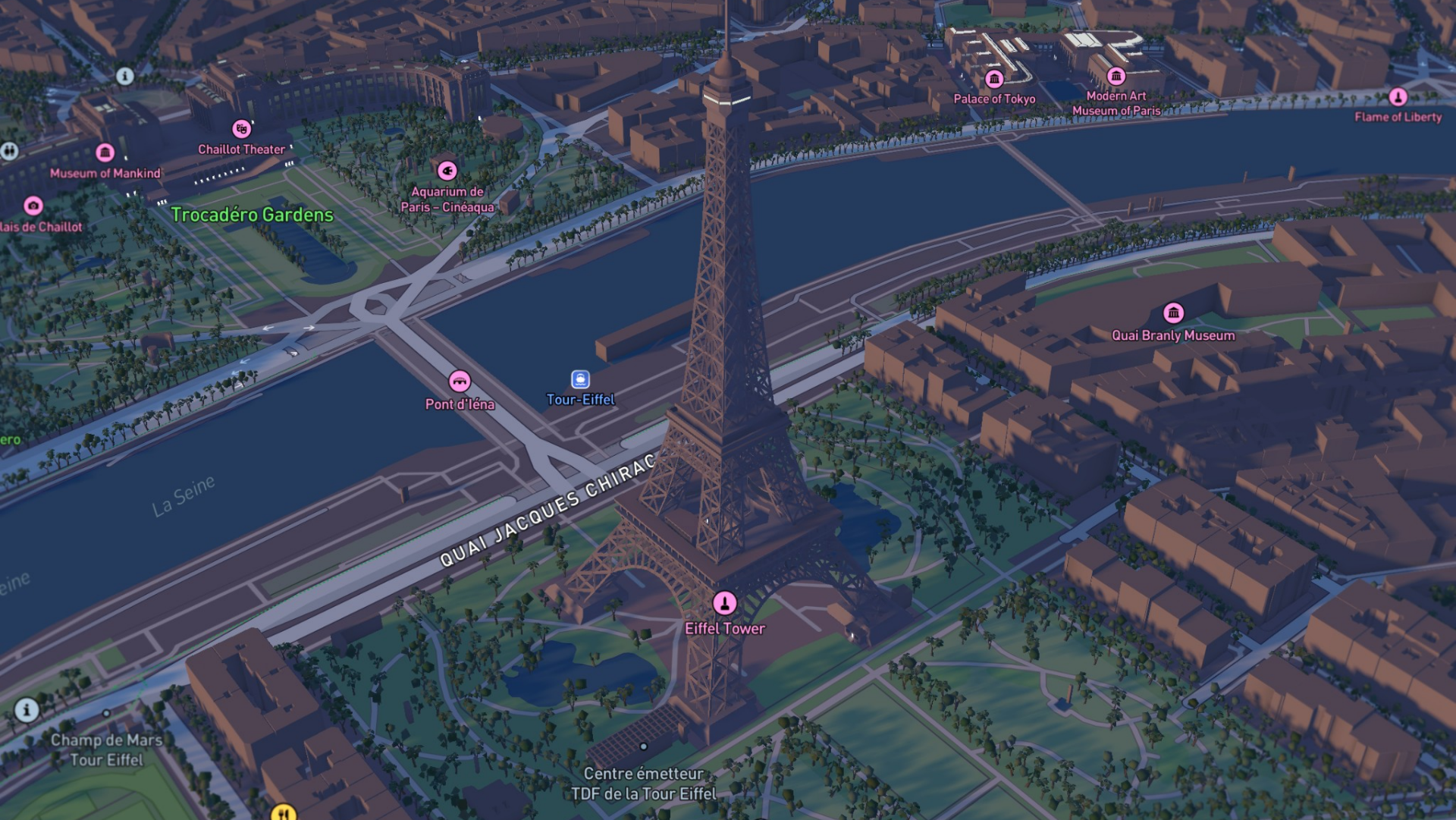


Mapbox Studio app

Mapbox Intelligent Live Location Platform

Modular building blocks backed by AI-generated data





Trocadéro Gardens

QUAI JACQUES CHIRAC

La Seine

Eiffel Tower

Centre émetteur
TDF de la Tour Eiffel

Museum of Mankind

Chaillot Theater

Aquarium de
Paris - Cinéaqua

Palace of Tokyo

Modern Art
Museum of Paris

Flame of Liberty

Quai Branly Museum

Pont d'Iéna

Tour-Eiffel

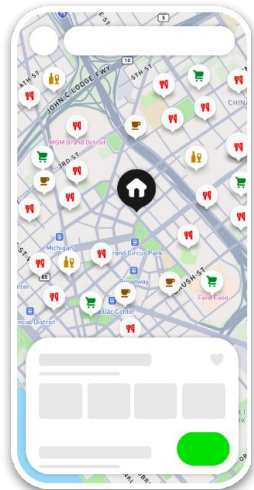
Champ de Mars
Tour Eiffel



Kraken/Octopus Energy Use Case

Mapbox Field Engineer Operations

**Accept
Incoming Job**



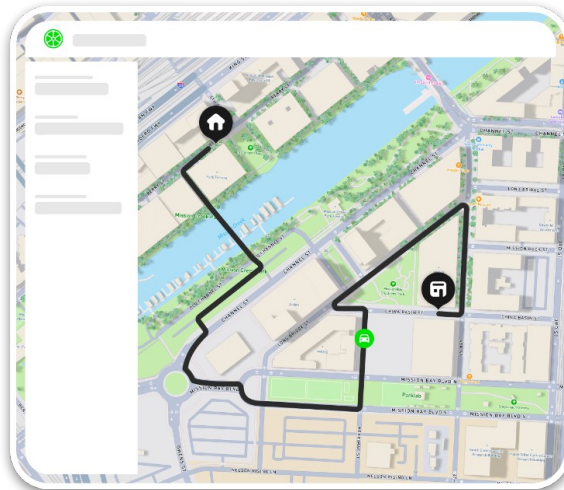
**Maps
Search
Directions
Matrix**

**Match Job
to Technician**



**Matrix
Directions
Isochrones**

**Dispatch Technician
to Site/Customer**



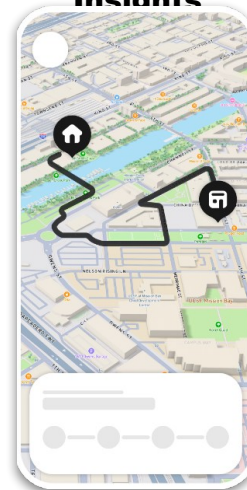
Maps

**Route
Technician to
Destination**



**Maps
Nav SDK**

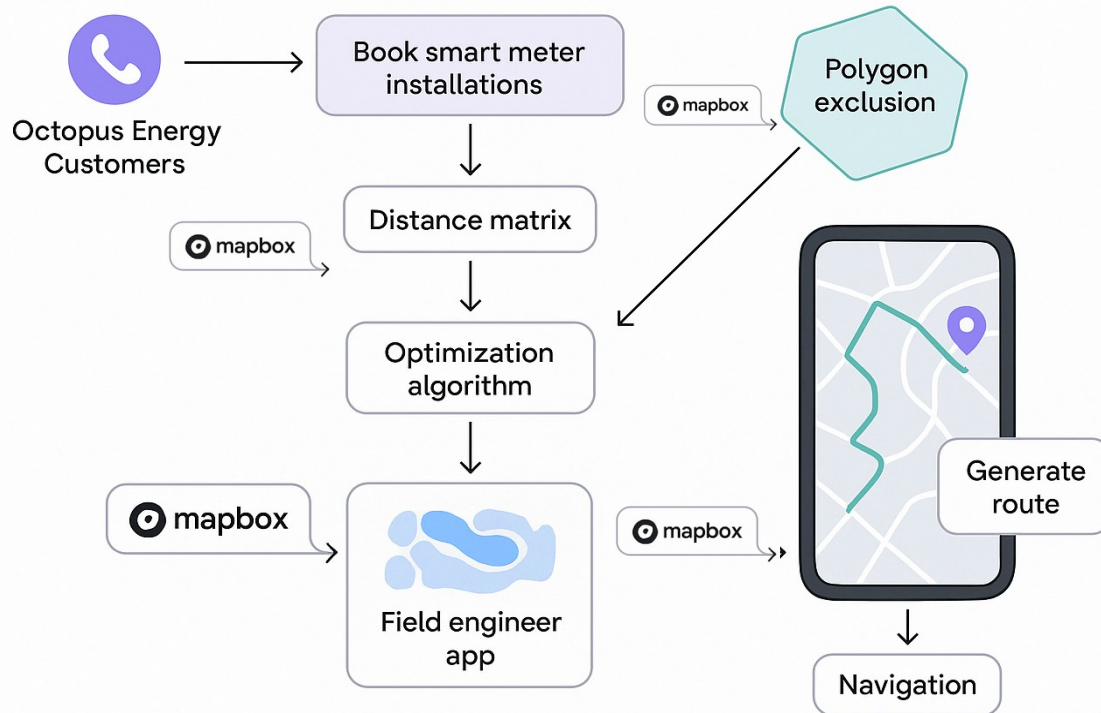
**Track Work
Order &
Logistics
Insights**



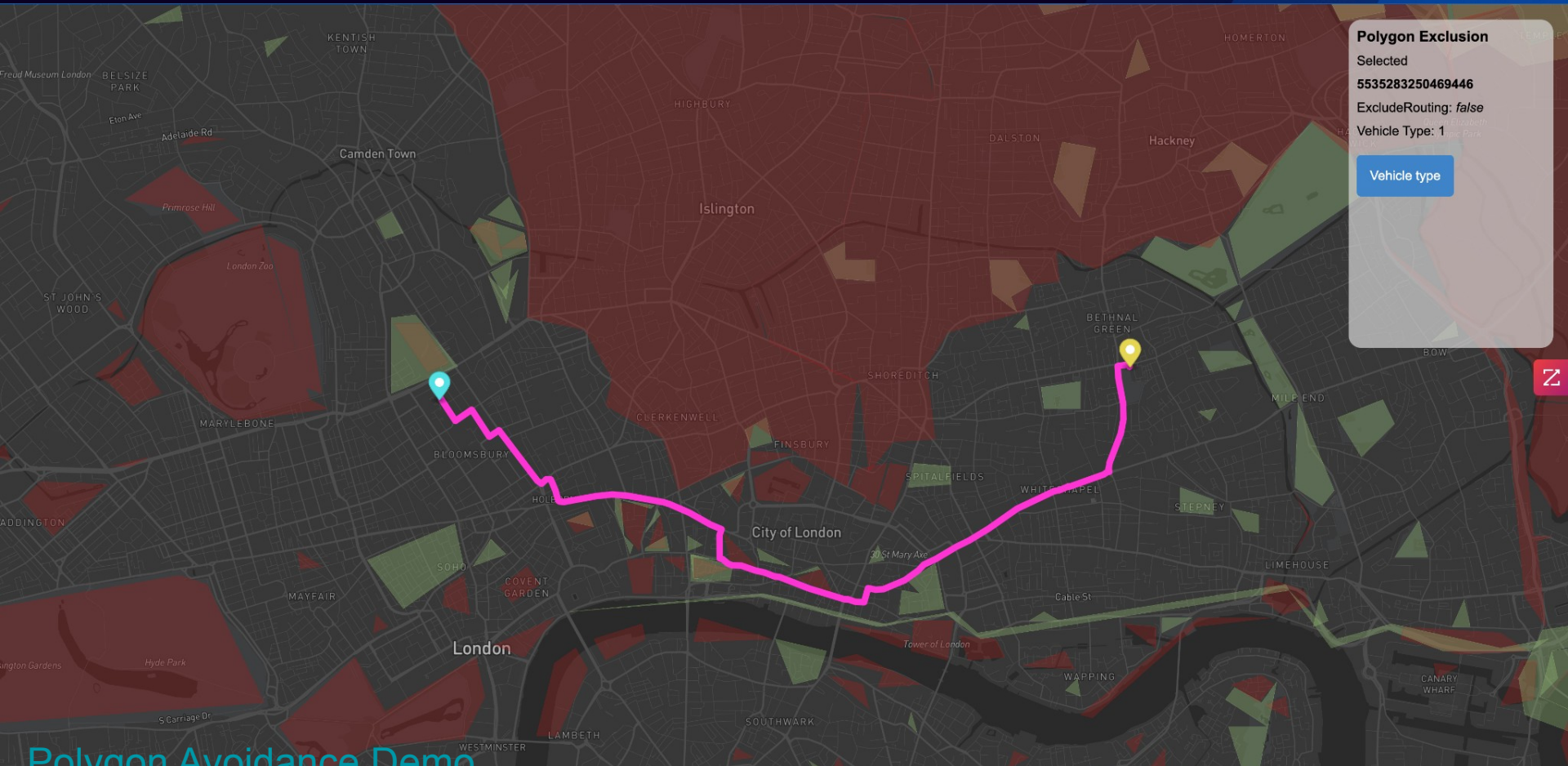
**Maps
Matrix
Isochrones**

Mapbox x Kraken Workflow

How Mapbox Works with Kraken & Octopus Energy



Zone Avoidance (Polygon Exclusion)



Polygon Exclusion
Selected
5535283250469446
ExcludeRouting: *false*
Vehicle Type: 1

Vehicle type

Benefits of Integrating Mapbox In-app Navigation



**In-app
Navigation**



On Time Arrival



**First Time Delivery
Success**



Increased Driver Supply



Driver Safety

Kraken: Results (Key Metrics)

3 → 8

**INCREASED
DAILY SITE
VISITS**



**300 HOURS
LESS DRIVING PER
DAY ACROSS 3,000
FIELD ENGINEERS**

600 tons

**REDUCED
CO₂ EMISSIONS**



**4 MILLION
FEWER MILES
DRIVEN PER YEAR**

10%

**INCREASE IN TIME
SPENT AT SITE**



**150,000 more
VISITS PER YEAR**





One More Thing...

mapbox Wind Farm - Digital Twin



PI WEB API CONNECTION

- Status: ● Connected
- PI Web API: <http://localhost:5000/piwebapi>
- AF Server: AFSRV01
- PI Data Archive: PISRV01
- AF Database: Industrial Plant
- Assets: 11 elements

ASSET FRAMEWORK

- TF-001
 - Sensors
 - LoadPercent
 - Properties
- WT-001
 - Sensors
 - NacelleTemp: 45.7 deg C
 - PowerOutput: 2506.0 kW
 - RotorSpeed: 18.1 rpm
 - WindSpeed: 11.4 m/s
 - Properties
- WT-002
 - Sensors
 - NacelleTemp: 38.5 deg C
 - PowerOutput: 2595.1 kW
 - RotorSpeed: 14.8 rpm
 - WindSpeed: 6.6 m/s
 - Properties

3D MODELS

- Cube
20m x 20m x 20m
- Rectangle
20m x 40m x 20m
- Small Cube
10m x 10m x 10m
- Custom GLB
Load from file...

Save Load

Wind Turbine WT-001
18.1 rpm | 2506.0 kW |
11.4 m/s | 45.7 deg C

Wind Turbine WT-002
2595.1 kW | 14.8 rpm |
6.6 m/s | 38.5 deg C



Thank you!