



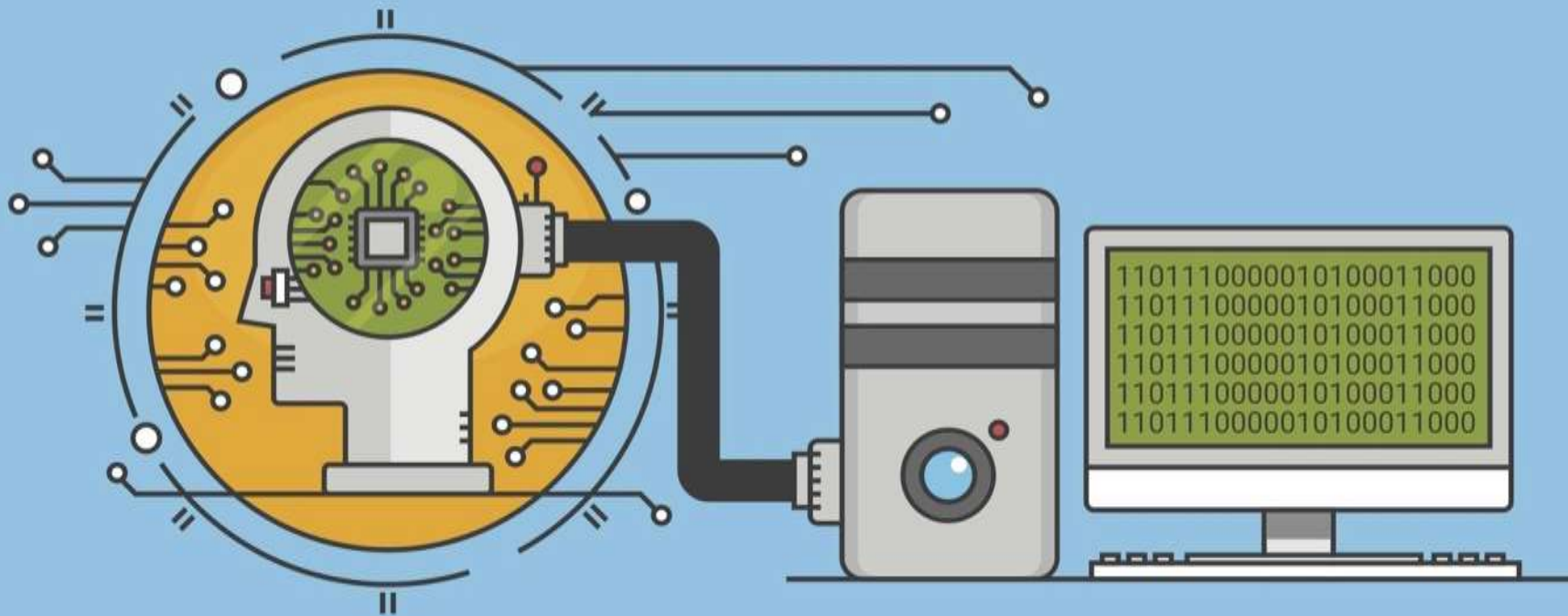
Kurtis McBride | CEO, Miovision

The background of the slide features a silhouette of an oil pumpjack against a sunset sky. The sky transitions from a deep blue at the top to a bright orange and yellow near the horizon, with wispy clouds catching the low light. The pumpjack is positioned on the right side of the frame, its long arm extending towards the top right corner.

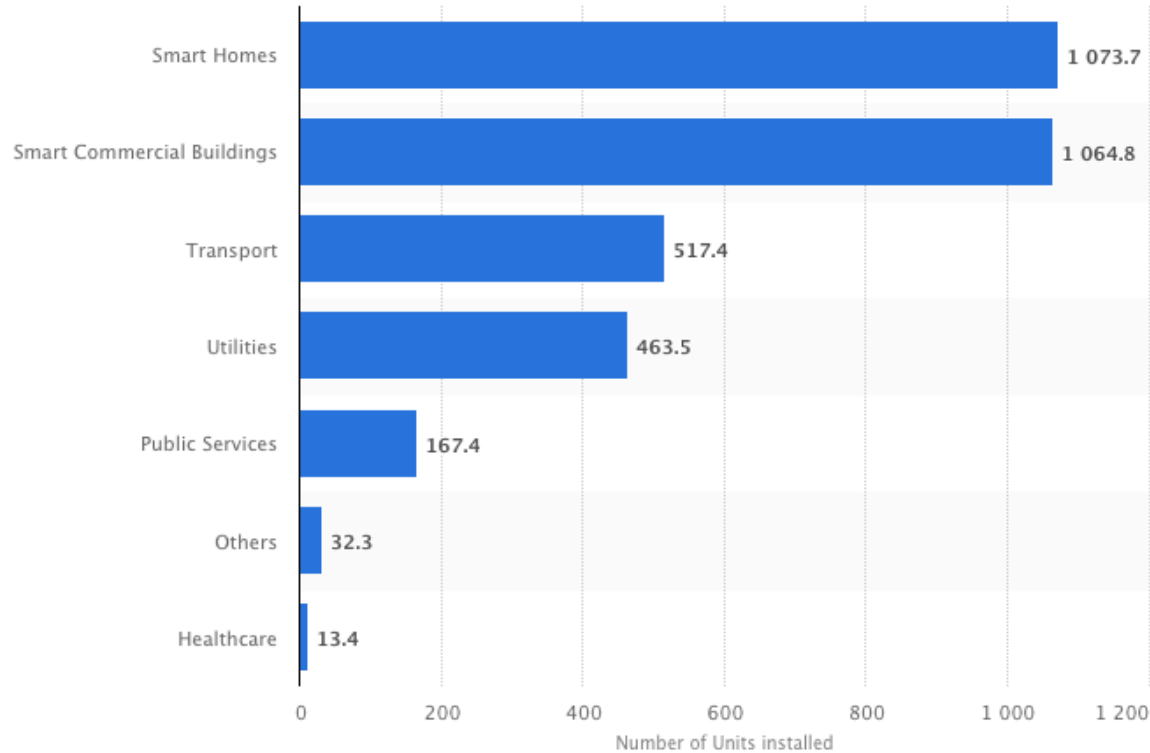
“Flows of data have created new infrastructure, new businesses, new monopolies, new politics and, crucially, new economics.”

- *The Economist*

MACHINE LEARNING



IoT units installed base within smart cities in 2018



3.3B
connected
IoT units in
smart cities

Citizen Impact

Traffic Flow

Reduction of congestion and intersection delay by **30%** through signal optimization and coordination

Road Safety

Reduction of crashes by **30%** for safer street crossings to protect Detroit's most vulnerable citizens

Emergency Response

2+ minute improvement in emergency response time through enabling emergency vehicle pre-emption

Transit Service

Transit commute time improvements by **20%** through enabling transit signal priority and better planning data

City Operations

Improvement in traffic operations maintenance efficiency by **40%** and a **10x** improvement in engineering efficiency.



Expectations are rising

Budgets are not

So we raise taxes?

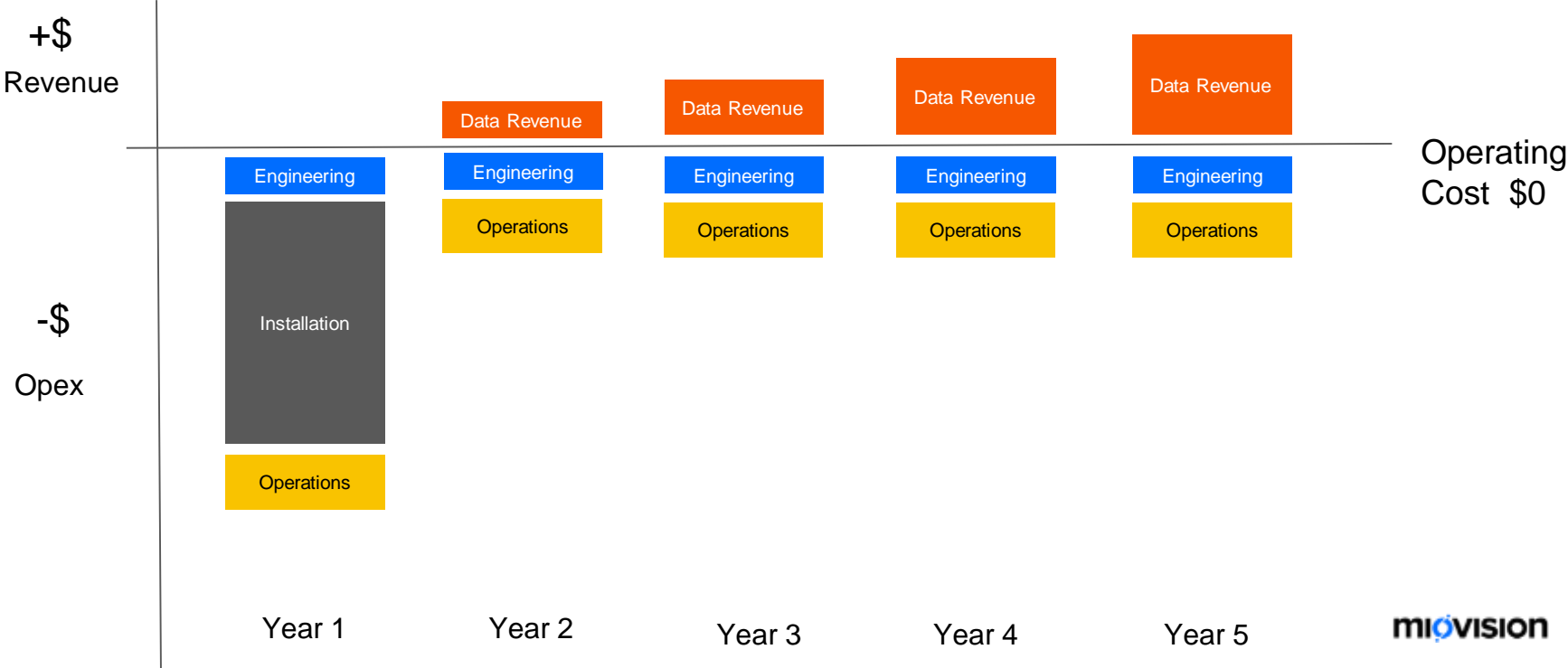
A different way to think about data and infrastructure

Cost
Center



Profit
Center

Infrastructure for free?



Freight Signal Priority



The increasing value of data

LEVEL 1

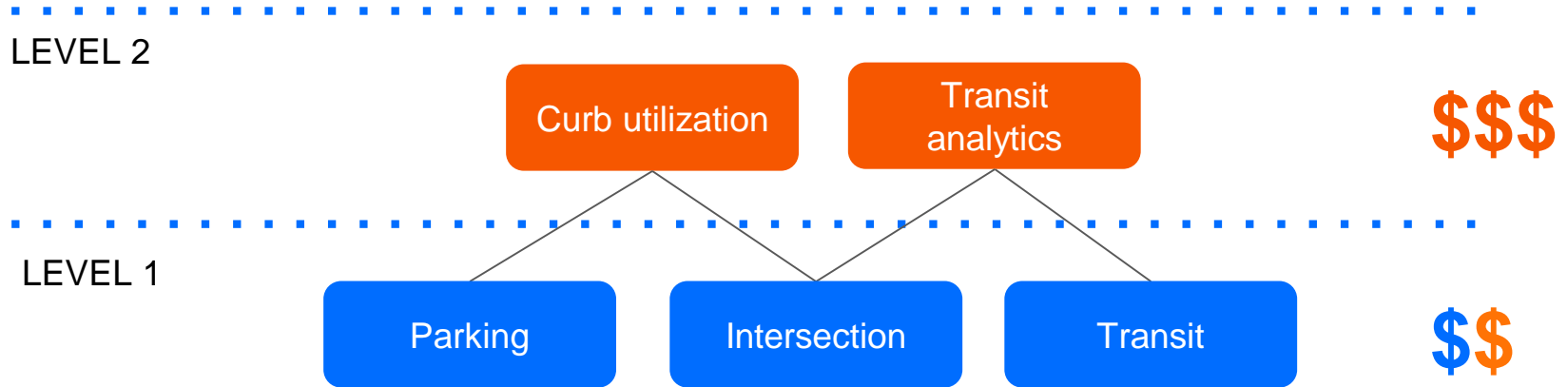
Parking

Intersection

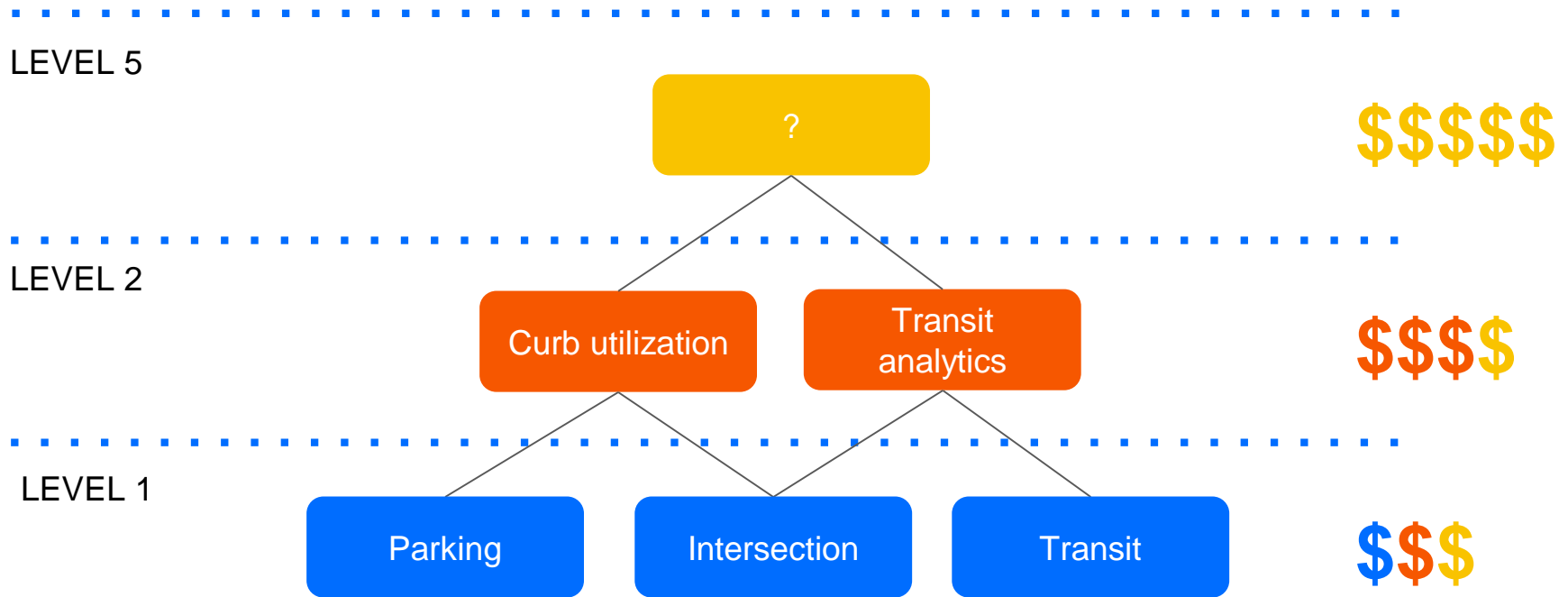
Transit



The increasing value of data



The increasing value of data



A wide-angle photograph of a city skyline, likely New York City, viewed from across a body of water. The sky is a clear, pale blue. The city features a mix of architectural styles, including several prominent skyscrapers with glass facades and older buildings. The water in the foreground is calm, creating a clear reflection of the buildings and the sky. The text "The Open City" is centered in the image in a large, white, sans-serif font.

The Open City



vs.



TRAINS

ALL ABOARD!



Quayside, Toronto



Invest in
open
architecture

BE
PREPARED

Review data
ownership

Get involved in
the discussion



Imagine the
possibilities

Thank you

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