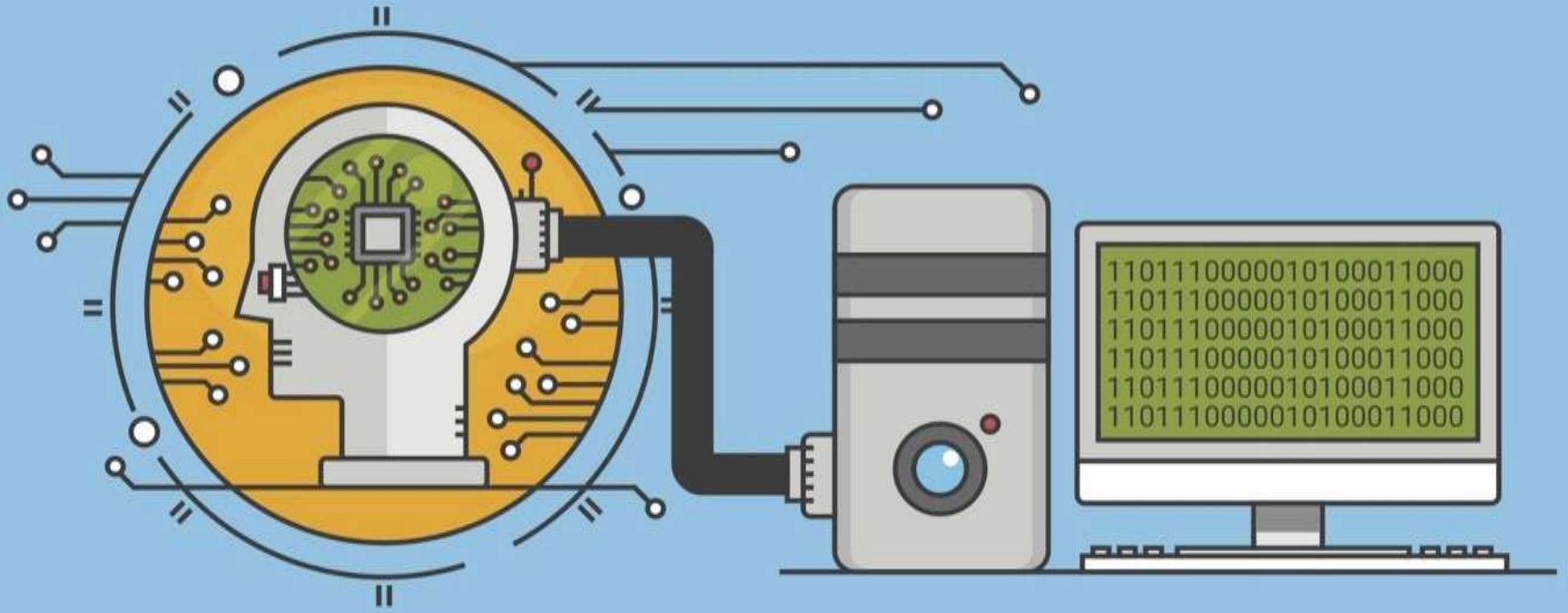
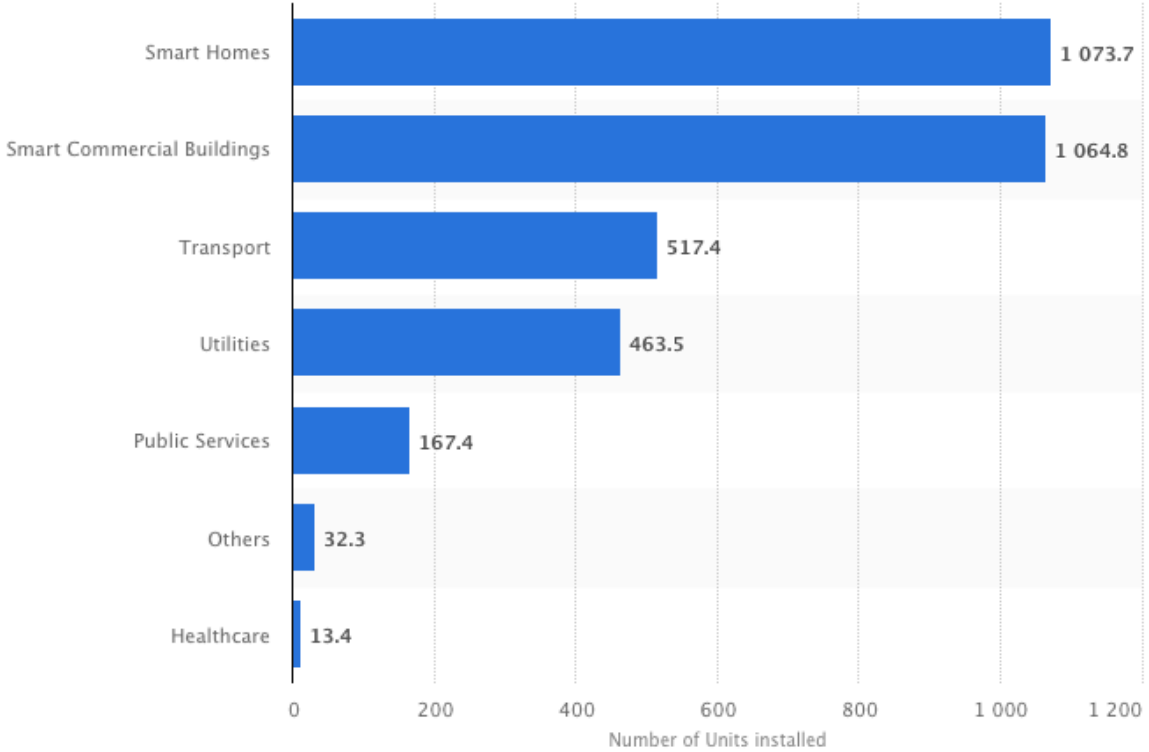
Kurtis McBride | CEO, Miovision

“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

Source: Statistica

MIOVISION

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

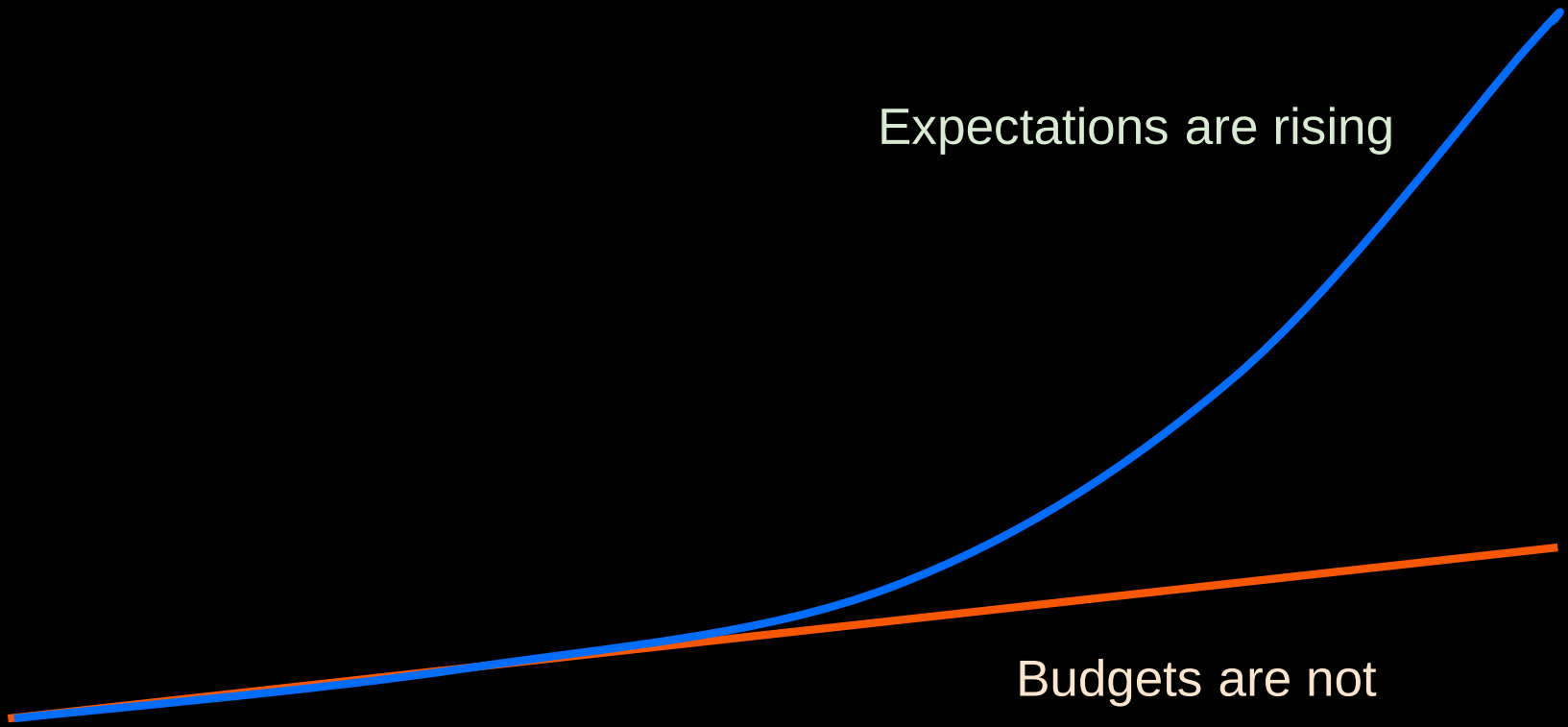
2+ minute improvement in emergency response time through enabling emergency vehicle pre-emption

Transit Service

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

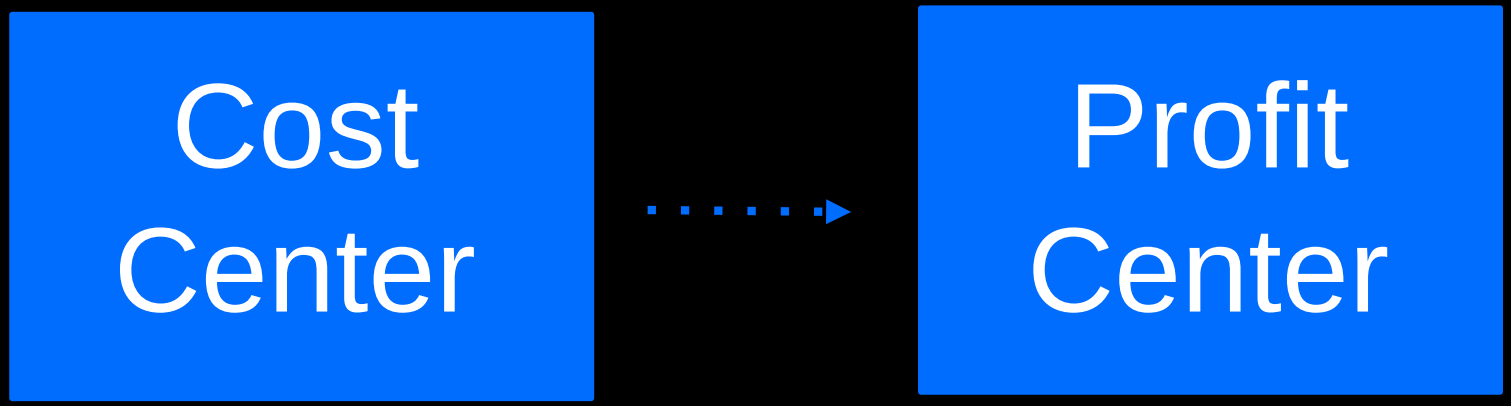
City Operations

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

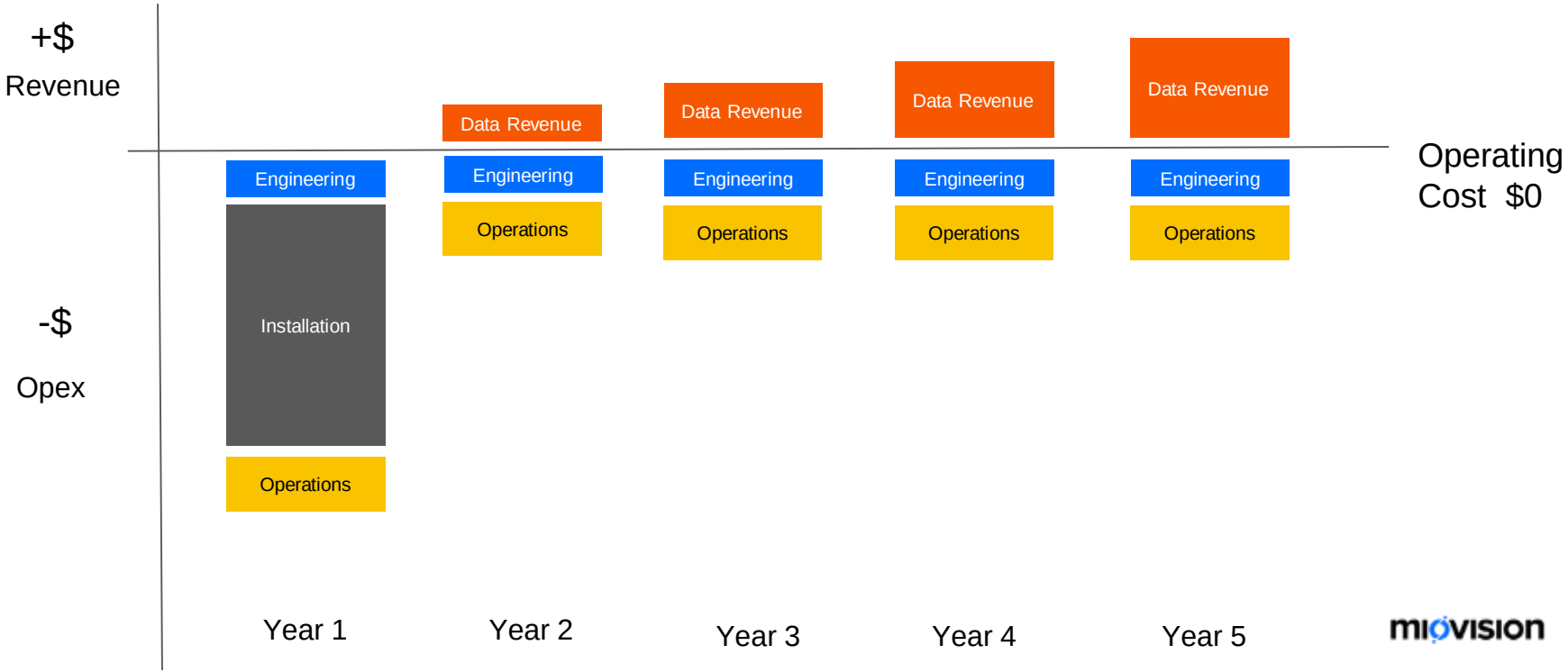

Expectations are rising
Budgets are not

So we raise taxes?

A different way to think about data and infrastructure

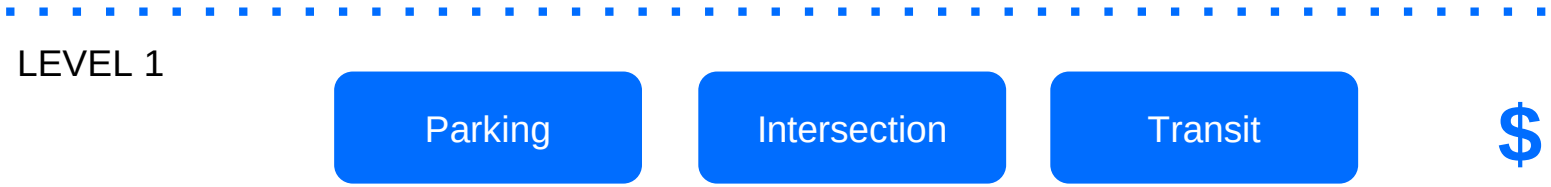


Infrastructure for free?

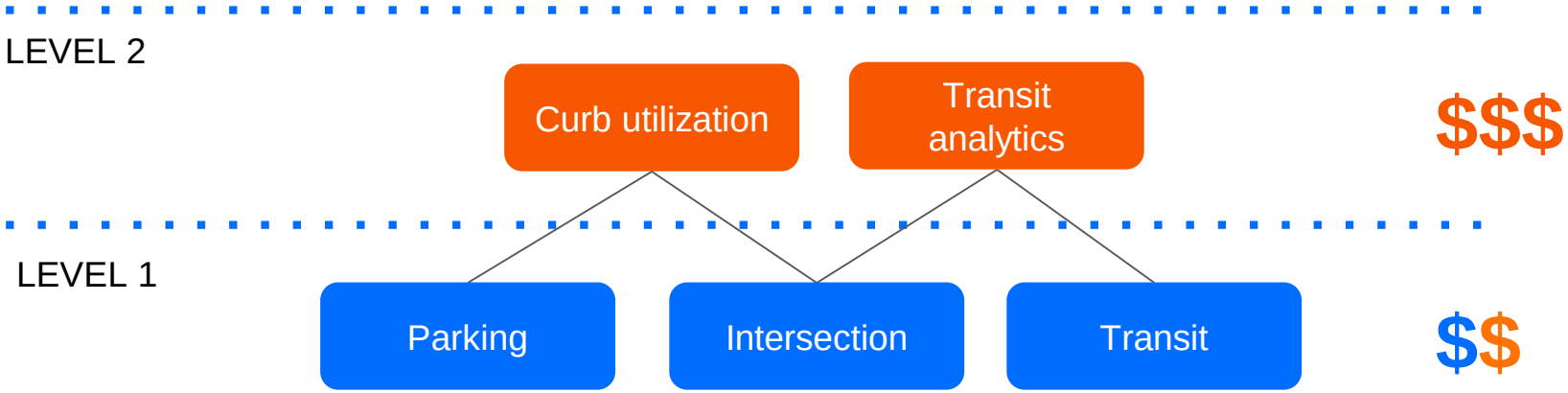


Freight Signal Priority

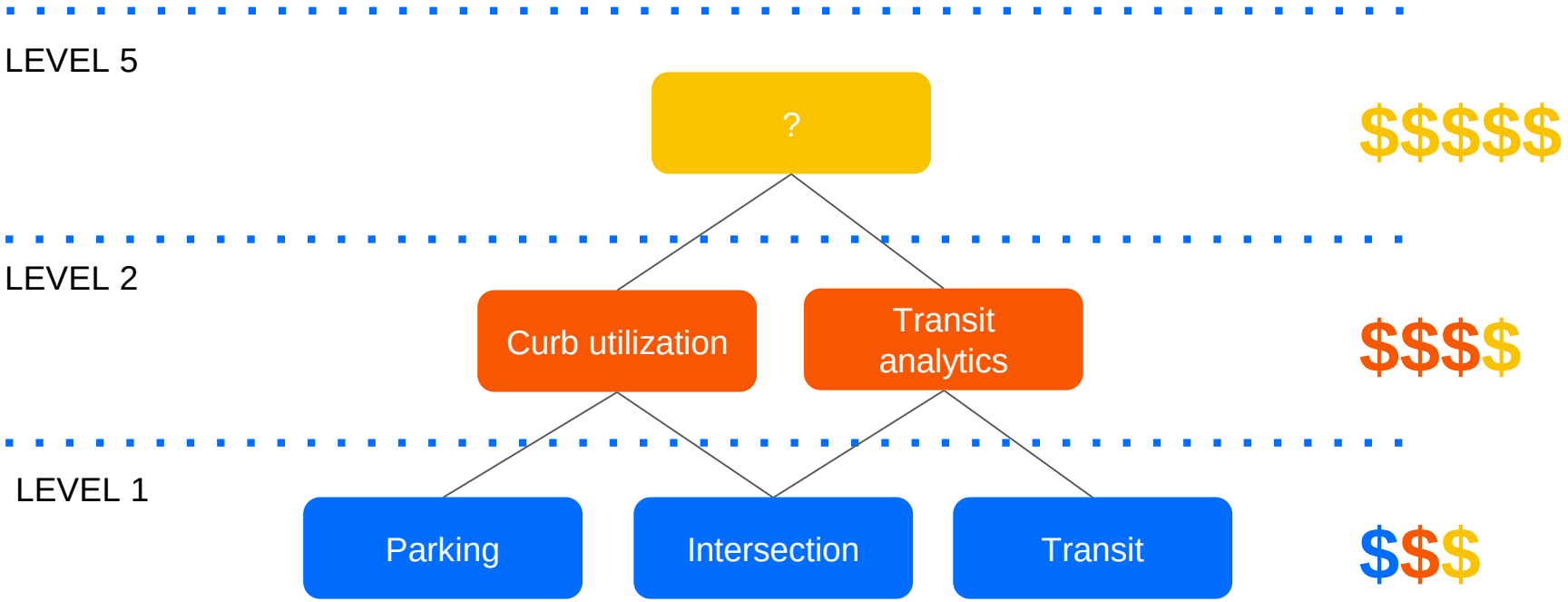
The increasing value of data



The increasing value of data



The increasing value of data



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

Kurtis McBride

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