

PingThings

The Analytics and AI
Platform for Sensor Data at
Scale

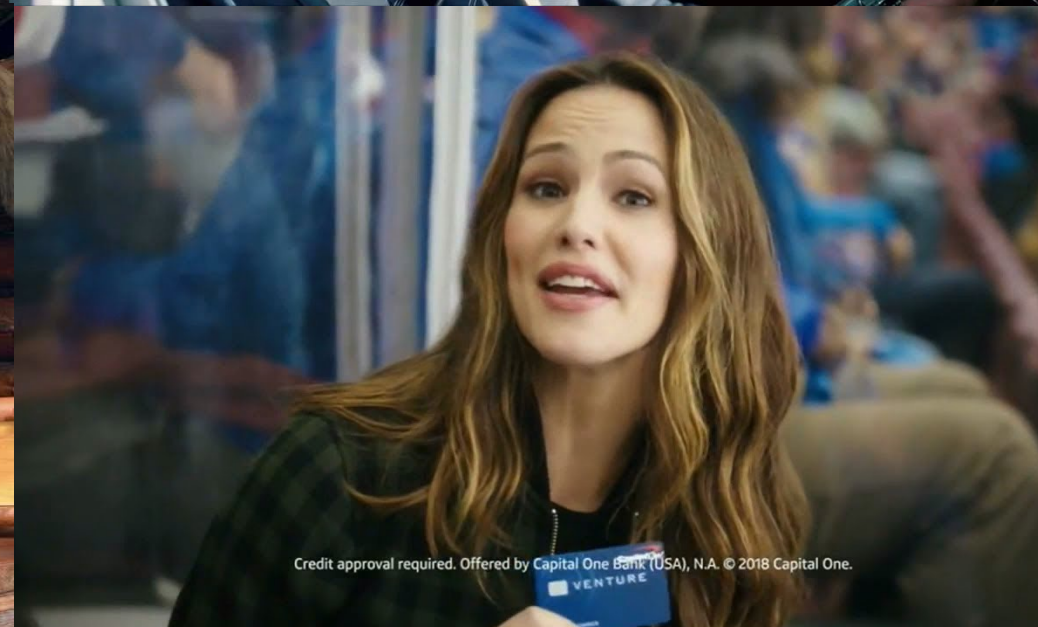
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PingThings

Series A Raise has Closed!

We have left a small amount
for a second investor
to take a strategic position
in PingThings.

What's in Your Wallet?



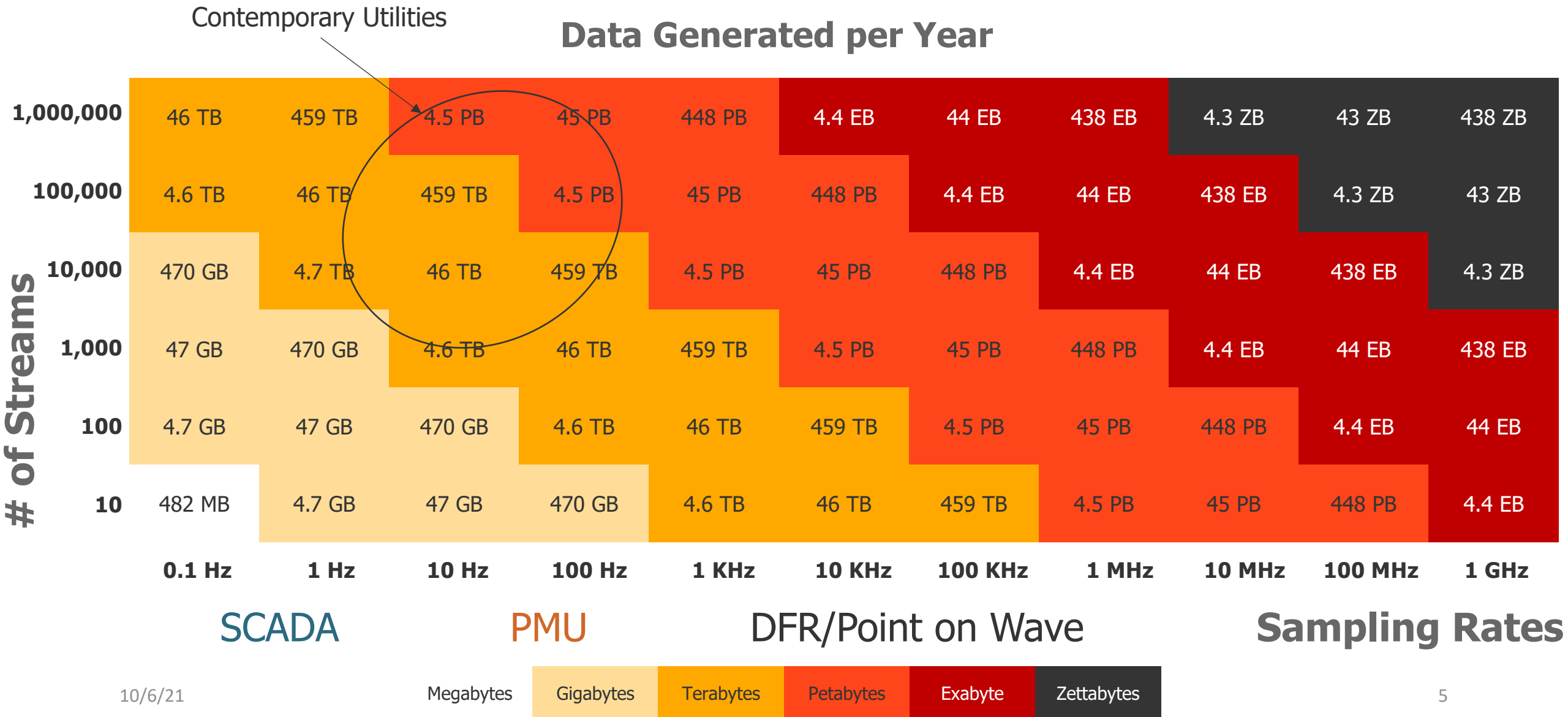
The Current State of Time Series: Real Time vs Historical



Real Time Control

**System
Planning**

VOLUME: Sensors are Everywhere



Thinking in Measurements

Group	Start	End	Days	Pts/Stream	PMUs
A	July 2018	Aug 2019	~400	1,00,000,000	~200
B	Jan 2016	Dec 2017	~700	2,000,000,000	~40
C	Jan 2016	Dec 2017	~700	2,000,000,000	~200

Estimated Total Measurements

10,000,000,000,000
(10 Trillion)

The Reality of the Situation

Assume 10 Trillion Measurements

Read Speed (points/second)	Time to Read All Measurements
10,000	~ 3 Decades
100,000	~3 Years
1,000,000	~3 Months
10,000,000	~ 2 Weeks
100,000,000	~ 1 Day

The Solution

Tabula Rasa



Catalyzing Digital Transformation in Asset-Intensive Industries

1



Handle Time Series Data

Ingest, store, access, fuse and visualize time series data where others can't

Ingest

Persist

Access

2

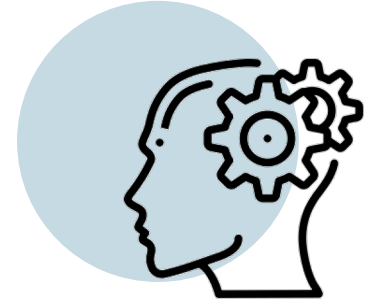


Unlock Analytics at Scale

Realize previously-impossible engineering and industrial analytics at scale

Analytics

3



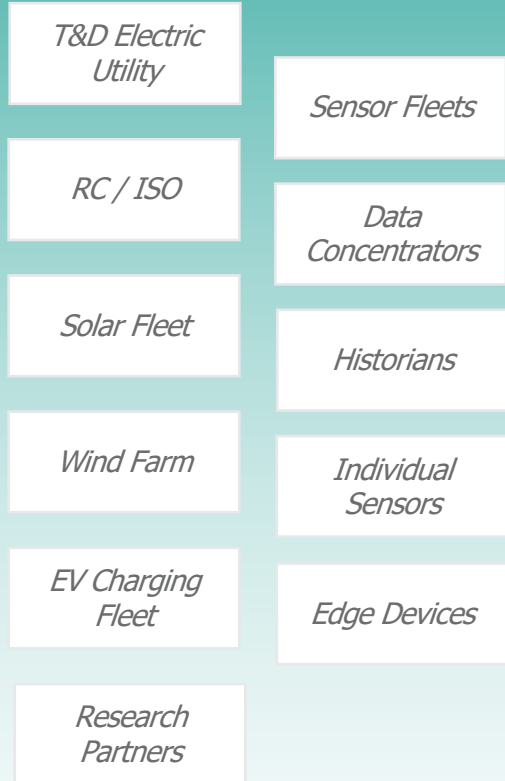
Train Artificial Intelligence Systems

Leverage vast, untouched data to train machine learning models for next generation use cases

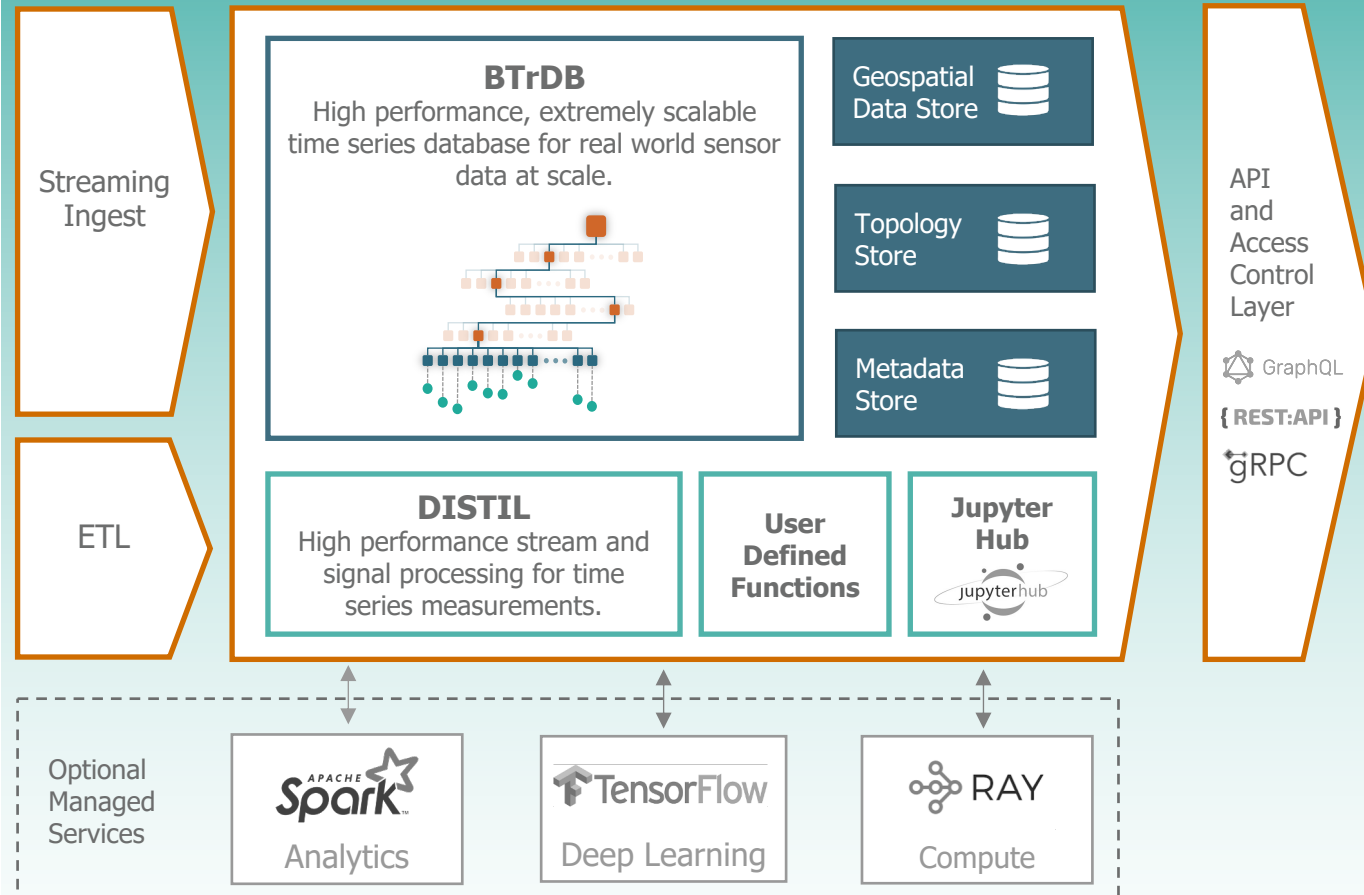
Artificial Intelligence

The PingThings Platform

Data Sources



PredictiveGrid™



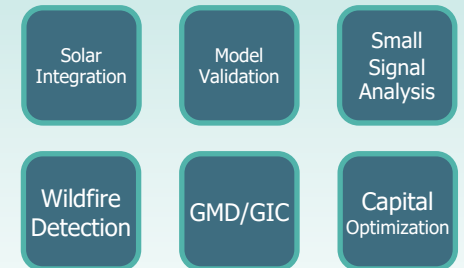
Secure, Scalable, and Reliable Infrastructure

Applications

General Purpose



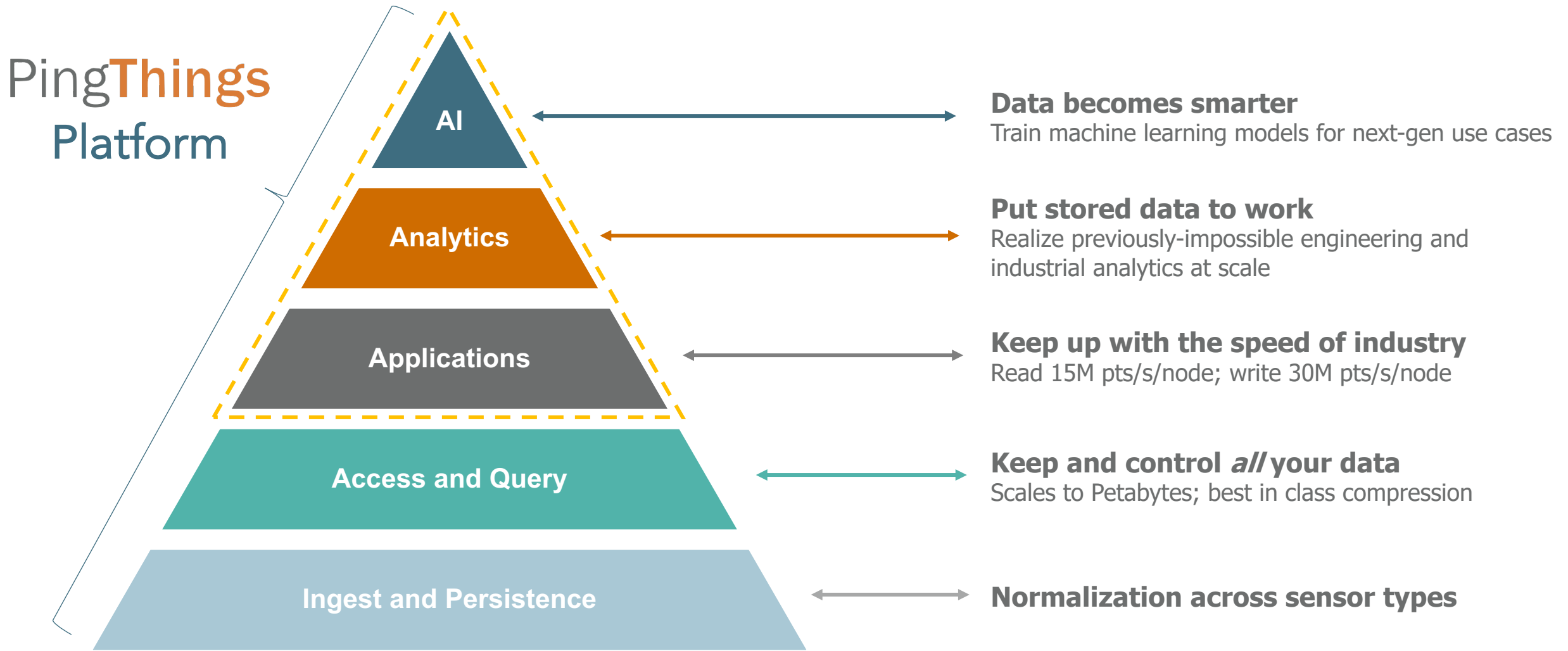
Industry-Specific



Customer and 3rd Party



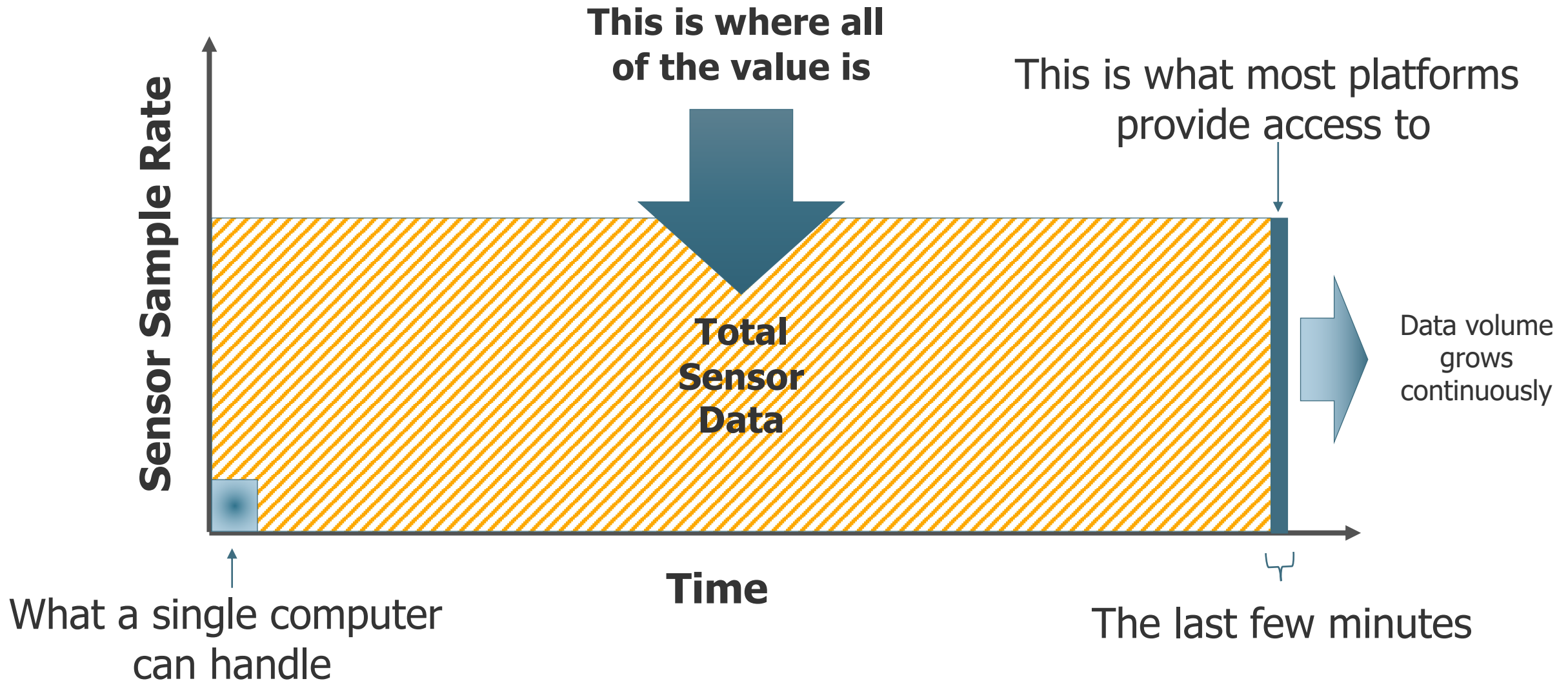
Hierarchy of Needs



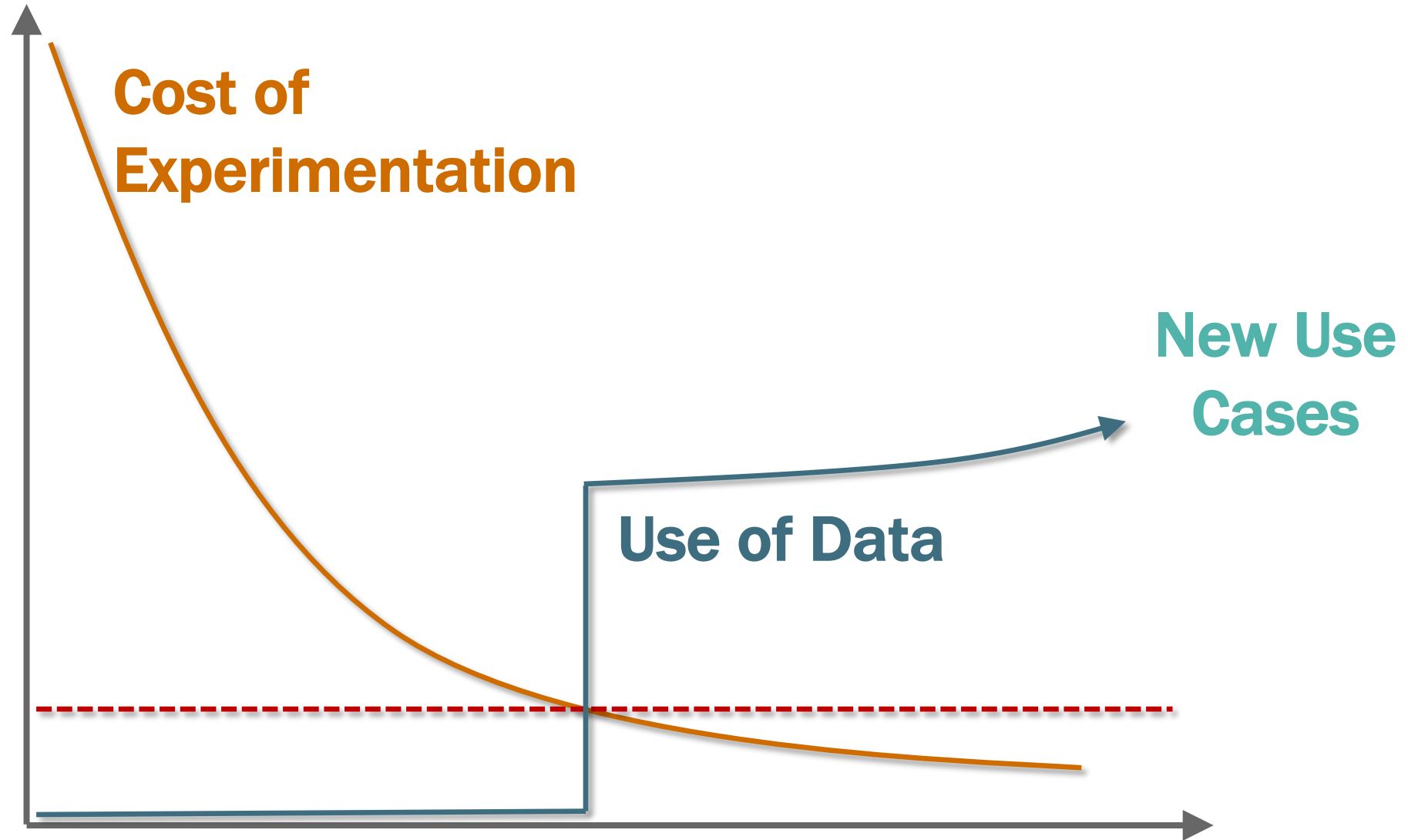
Applications

- Inverter-based events
- GIC/GMD
- Cybersecurity
- Event detection
- Line impedance
- System imbalance
- And more!

Creating Value from Data



A New Cost Curve for Time Series ROI



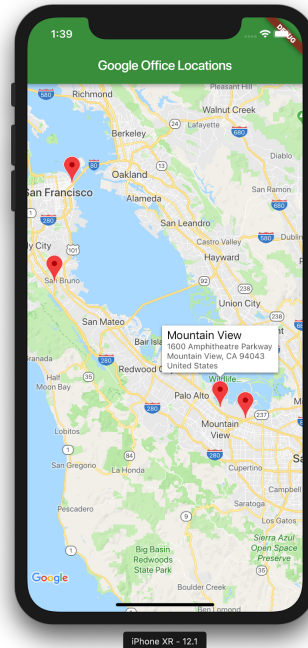
Digitalization Creates Unforeseen Value

Having all data at your fingertips fundamentally changed travel...

Small data with slow tools
imprisons progress in invisible
assumptions and processes



Data at scale allows new possibilities



Hundreds of billions in value created
from unforeseen use cases



... Asset-intensive industries undergoing similar transformation