



It's about time

**Accelerating data movement and access
from the remote edge to core to cloud**

(with Vcinity)

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CTO

Data is everywhere... but is it where it is needed?

Traditional methods to make dispersed data accessible are costly and falling short



AI magnifies the problem and the value of a solution

Vcinity provides a new approach

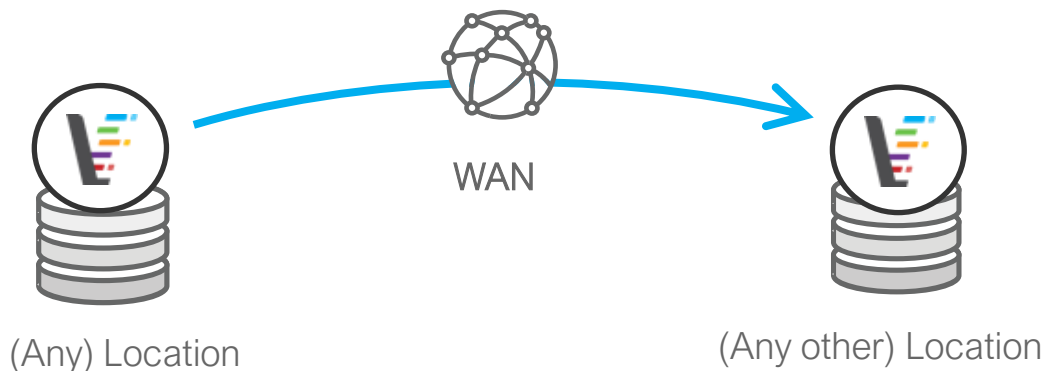
Software that creates:

1

CONTINUOUS DATA PIPELINES

Secure, efficient, and ultra-fast copy or transfer of unstructured data one location to another

- Without compression or deduplication
- Across any edge, core, or cloud



Approximate Data Transfer rates <24 hours

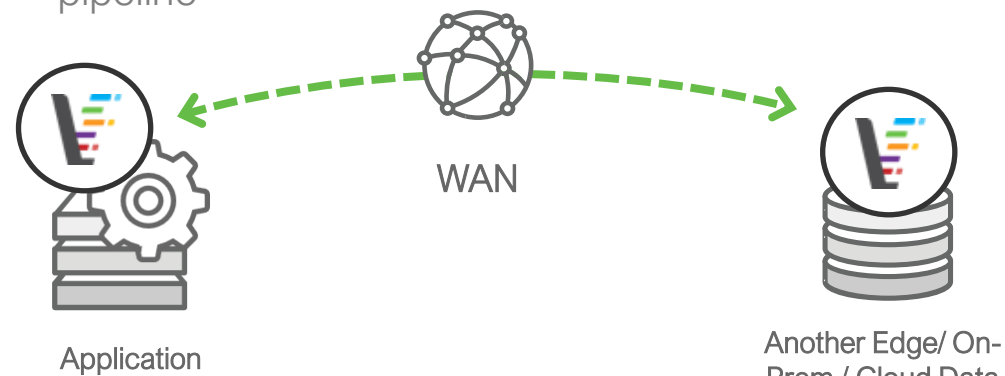
100 Mb/s – 1TB
1 Gb/s – 10 TB
10 Gb/s – 100 TB
100 Gb/s – 1 PB

2

REMOTE DATA ACCESS FOR ACCURATE INSIGHTS

Enable applications to compute on any data, across and distance, at any scale

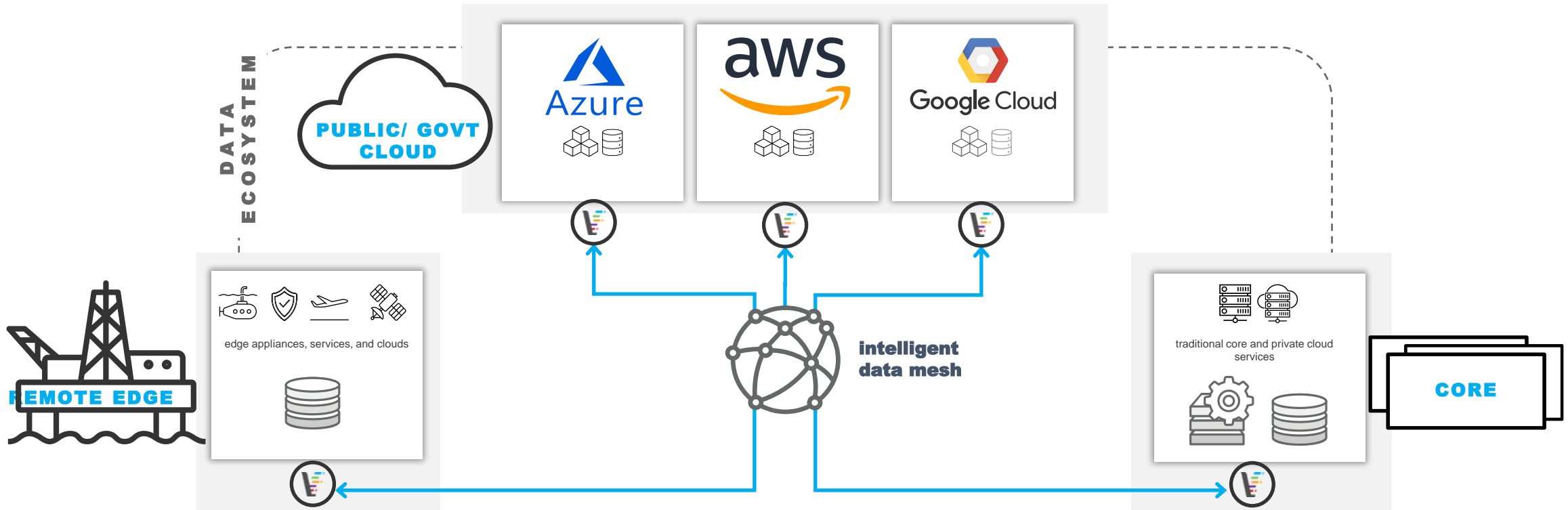
- With local-like performance
- Create an immediately actionable continuous data pipeline



Remove the negative effects of data gravity

Unlock Data Anywhere

Implement a continuous data pipeline from edge to core to cloud



ACCELERATED DATA MOVEMENT

Feed applications faster with no data manipulation

ACCESS REMOTE DATA

Reach isolated data due to locality, regulations, sensitivity

An oil & gas company

Accelerating exploration and extraction workflows

SITUATION

Geoscientists need to expedite analysis of subsea survey data to improve decisions for well locations

SCENARIO

1TB dataset accessed across 1Gbps link (~128ms) over 5,000 miles (Rio de Janeiro to Houston)

SOLUTION

Vcinity's [remote data access](#) solution used to enable geoscientists in Houston to analyze with <1 second difference than local analysis

IMPACT

- 28x reduction in sending business critical data mitigating the impact of latency across continents
- Improved time to decision/action



IMPACT

Virtually identical performance to local data with data 5,000 miles away (< 1 sec difference)

Impacts via satellite

More efficient edge data transfer over latent networks

SITUATION

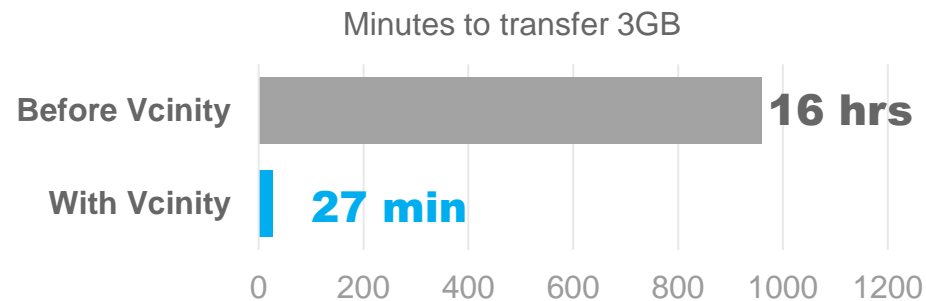
Process for tactical deployments to transfer data created at the edge to either core data centers or into the cloud was slow and unpredictable

SCENARIO

3GB file sent via 20Mb/s bandwidth with 250 ms latency

SOLUTION

Vcinity [data movement](#) enables efficient data transfer



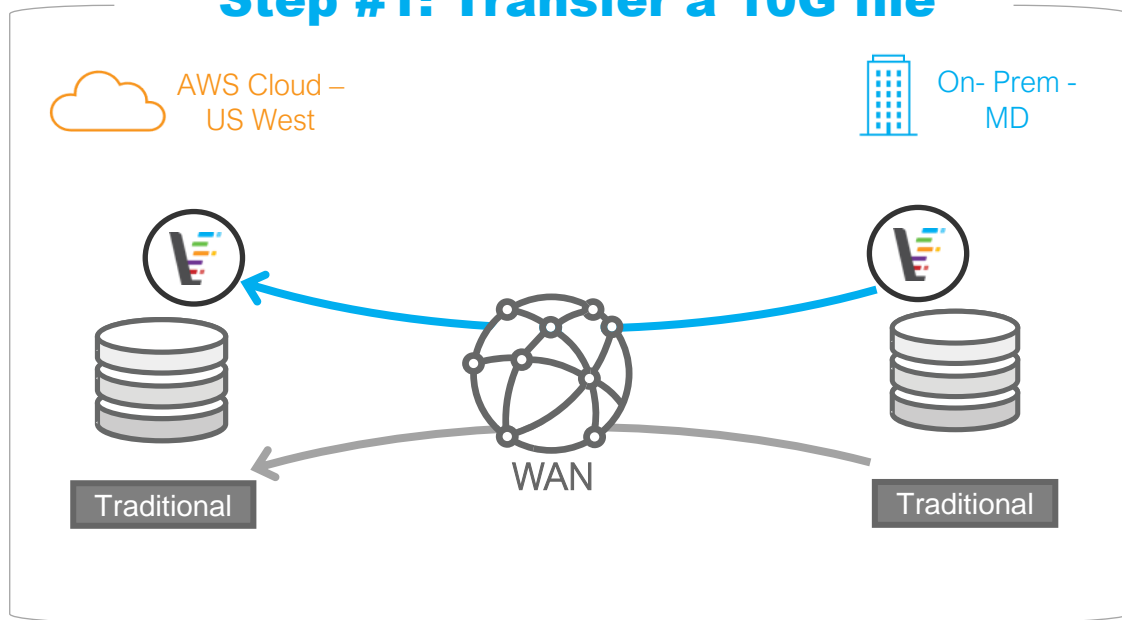
IMPACT

**36x faster time-to-insight
from remote data**

Demonstration

Transfer and access data across any distance, at any scale

Step #1: Transfer a 10G file



Step #2: Access a remote file

