



SQREAM

GPU DATA WAREHOUSE
**FOR MASSIVE
DATA ANALYTICS**

CORPORATE PROFILE

FOUNDED IN 2010



60+
Employees



10
Patents

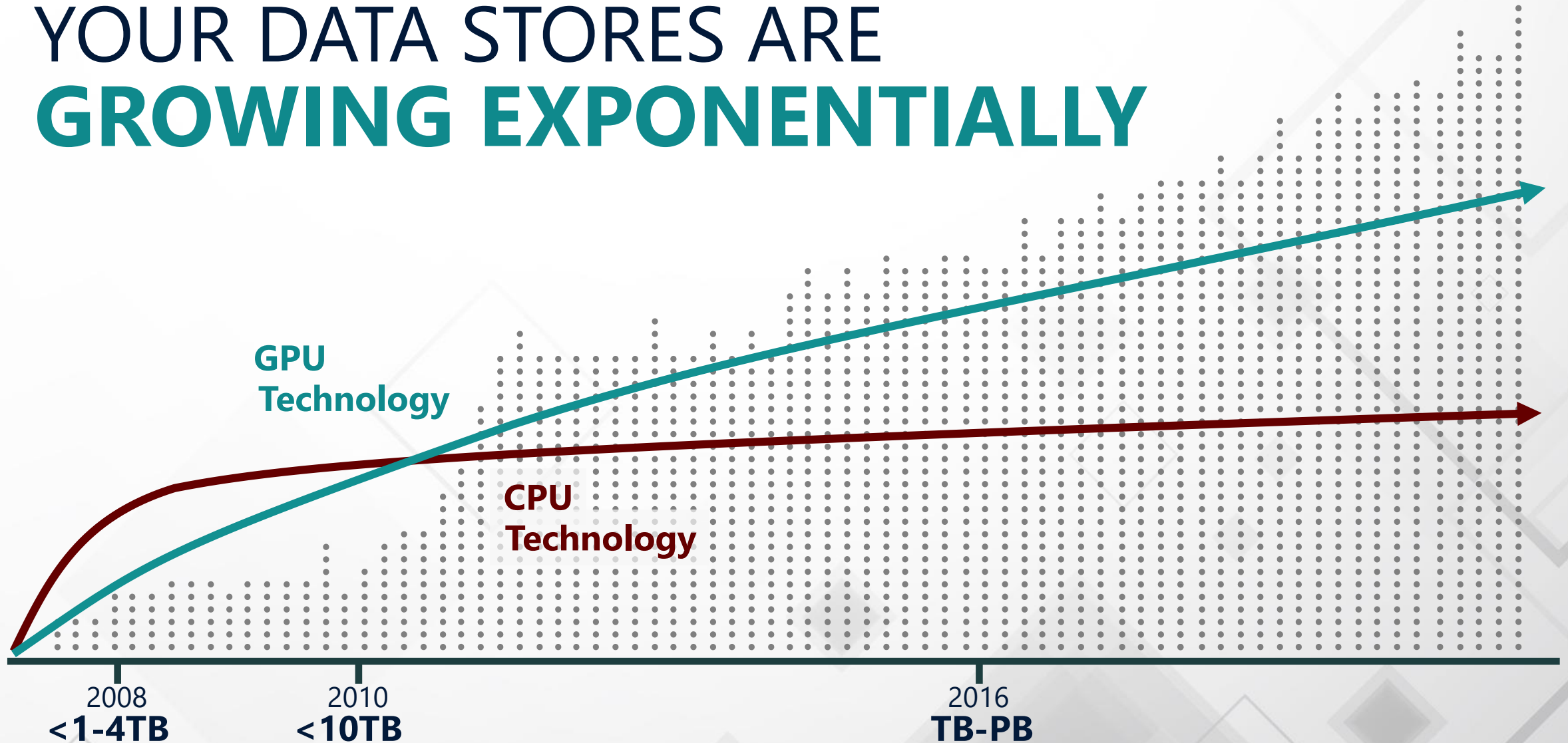


**Strategic Partnership
with Alibaba Cloud**



HQ in 7 WTC New York | R&D in Tel Aviv

YOUR DATA STORES ARE **GROWING EXPONENTIALLY**



BUT YOUR DATABASE WASN'T BUILT TO HANDLE THIS LEVEL OF DATA

1970s-1990s
Classic Relational zone

1990-2010
MPP zone

2005-2010
In-Memory zone

2010...
Massive Data zone



<10%
Data Analyzed

90%
BI Lost

**VALUABLE INSIGHTS
GO UNDISCOVERED**

SQREAM DB

GPU-ACCELERATED DATA WAREHOUSE



Analyze

20x

more data



Queries

100x

faster



Cost

10%

of resources

SQREAM DB

COMPLEMENTS YOUR EXISTING DATA STORES



POWERED BY GPUs

- Massively parallel engine
- Faster and smaller than CPUs



MASSIVELY SCALABLE

- Terabytes to petabytes
- Not limited by RAM



SQL DATABASE

- Familiar ANSI SQL
- Standard connectors



EXTENSIBLE FOR ML/AI

- Python, AI, Jupyter, etc.
- Built for data science



MINIMAL FOOTPRINT

- 100 TB in a 2U server
- Highly cost-efficient

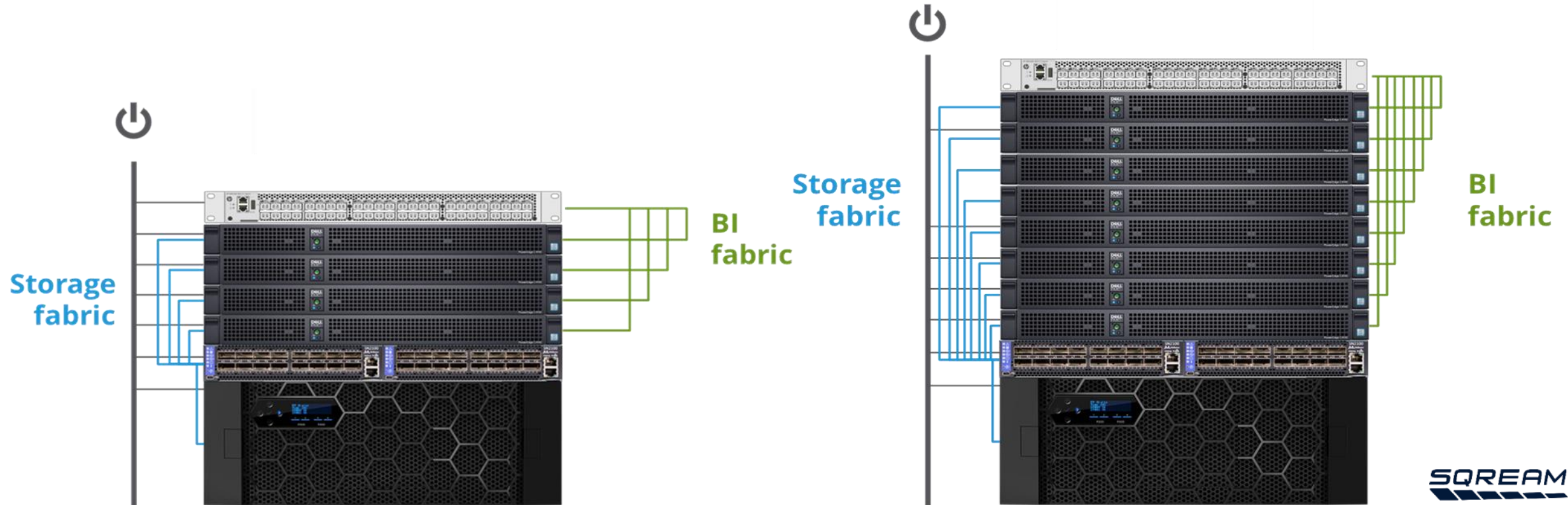


LIGHTNING FAST

- Ingests 3 TB/hr/GPU
- Powerful columnar storage
- Always-on compression

SCALE-UP OR OUT

- Scale up by expanding attached storage
- Scale out by adding additional compute nodes





RETAIL

Monitor Competitors
Customer Experience
Operational Decisions



HEALTHCARE

Care Management
IOT Devices
Genomic Research

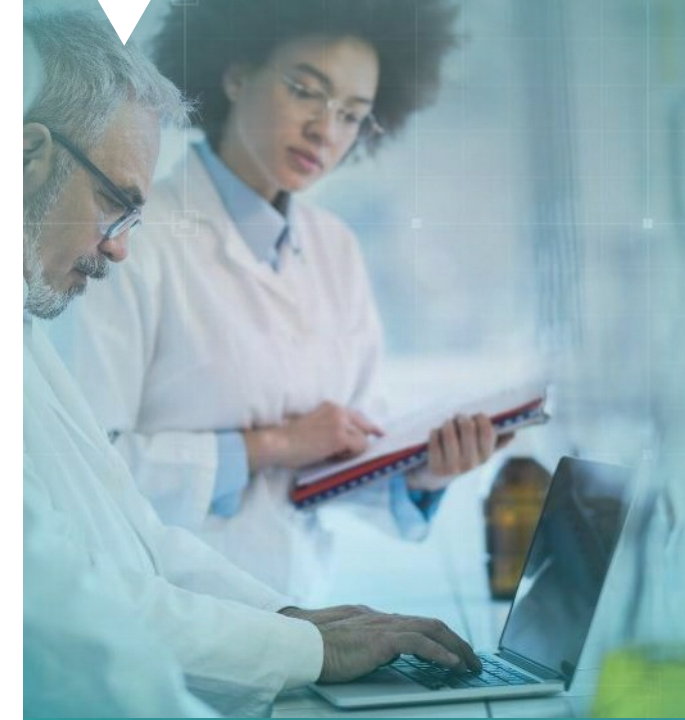
TELECOM

Customer 360
Competitive Analysis
Network Optimization



FINANCE

Fraud analysis
Risk consolidation
Customized services



UNDERSTAND 40 MILLION CUSTOMERS

TELECOM

DATA WAREHOUSE

200S

3600S

\$10,000,000

Load time

11x faster

Reporting time

78x faster

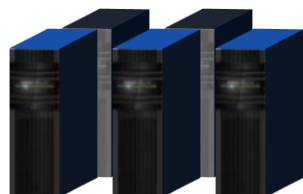
Ownership Cost

SQREAM

18S

46S

\$500K



40 NODES
5 full racks
7600 CPU cores



HP DL380g9
with NVIDIA Tesla GPU
96 GB RAM + 6 TB storage

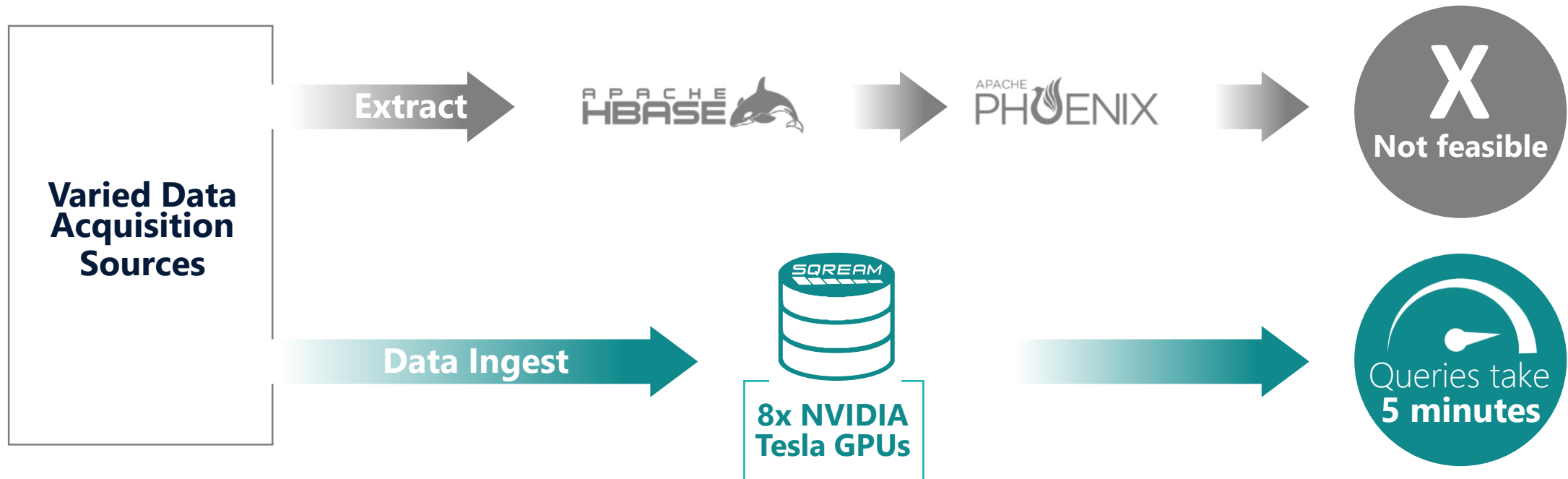
Not STAC benchmarks

SQREAM

INCREASE REVENUES

AD-TECH

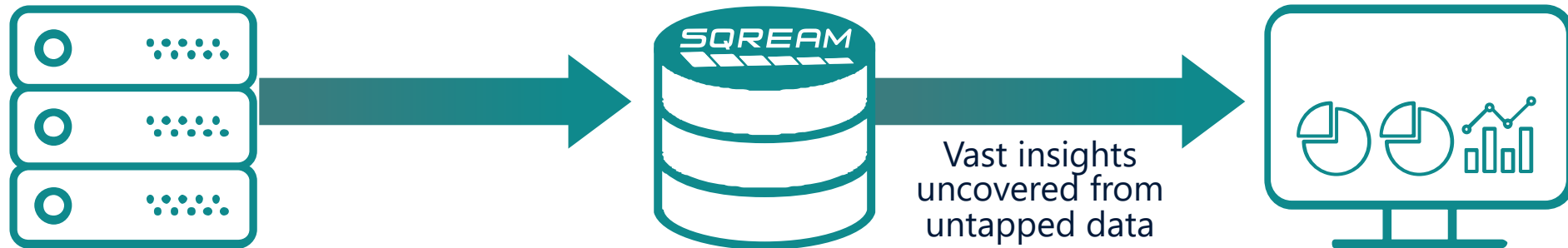
360 TB/day ingested to enhance bid histogram accuracy



DISCOVER NEW BUSINESS INSIGHTS

WHOLESALE

\$30 Billion Company - Supply Chain Use Case



QUERY TIME REDUCED FROM 30 MINUTES TO 30 SECONDS

CUT THE COST OF PERFORMANCE

MEDIA

ACV calculation on 24 TB of data, 300B rows, 8 tables with complex, nested joins

DATA WAREHOUSE

33.70

4.0

56

\$12,000,000



8 full 42U racks,
56 S-Blades 7 TB RAM

Average query time
(seconds)

Compression ratio

Processing Units
(S-Blade / GPUs)

Ownership Cost

SQREAM

31.70

4.7

4

\$500,000



Dell C4130 with
4x NVIDIA Tesla GPUs
512 GB RAM + iSCSI JBOD (20TB)

Not STAC benchmarks

FEEL FREE TO CONTACT

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WE ARE SOCIAL

