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

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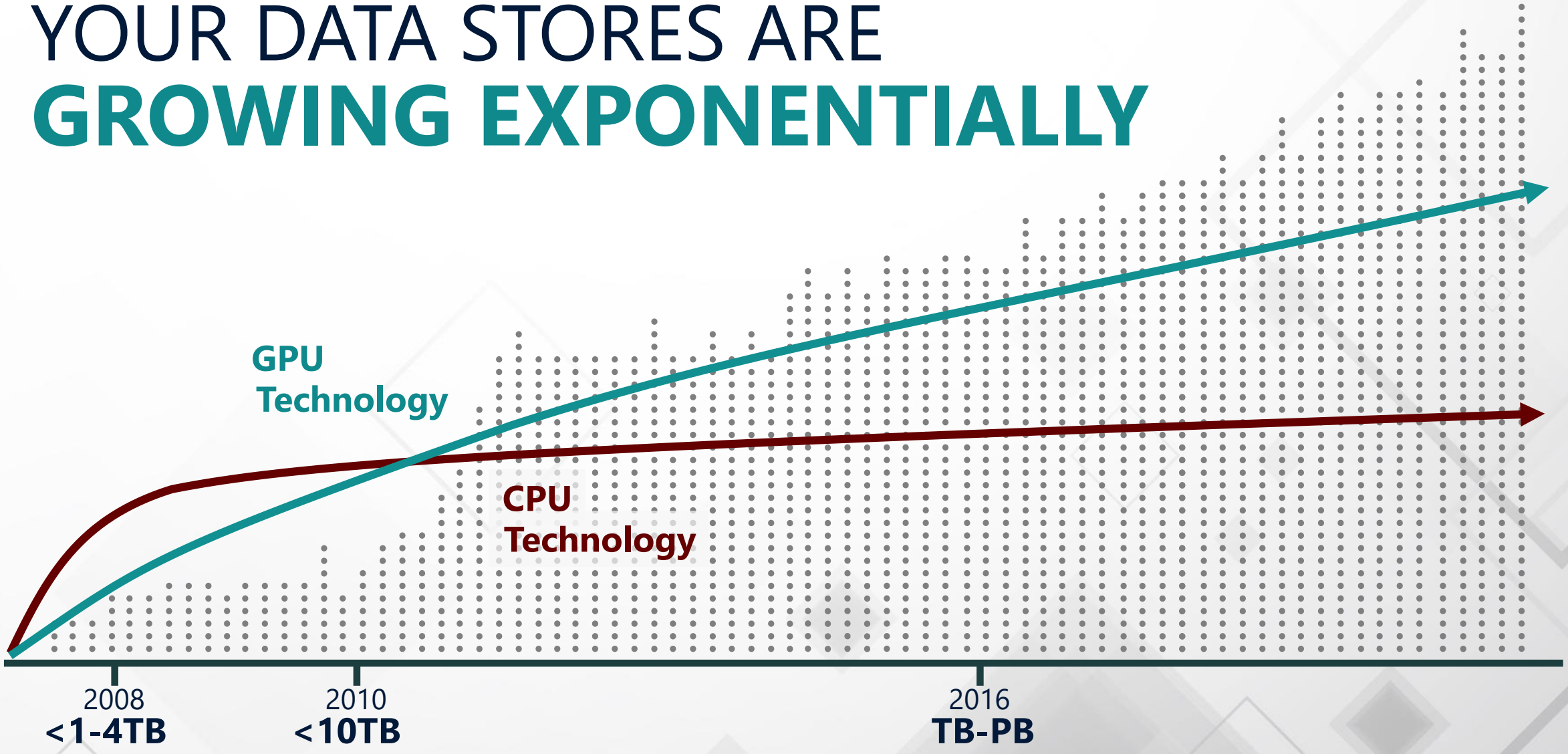
YOUR DATA STORES ARE **GROWING EXPONENTIALLY**



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

1970s-1990s	1990-2010	2005-2010	2010…
Classic Relational zone	**MPP zone**	**In-Memory zone**	**Massive Data zone**

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VALUABLE INSIGHTS
GO UNDISCOVERED

SQREAM DB

GPU-ACCELERATED DATA WAREHOUSE

Analyze

20x

more data

Queries

100x

faster

Cost

10%

of resources

SQREAM

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

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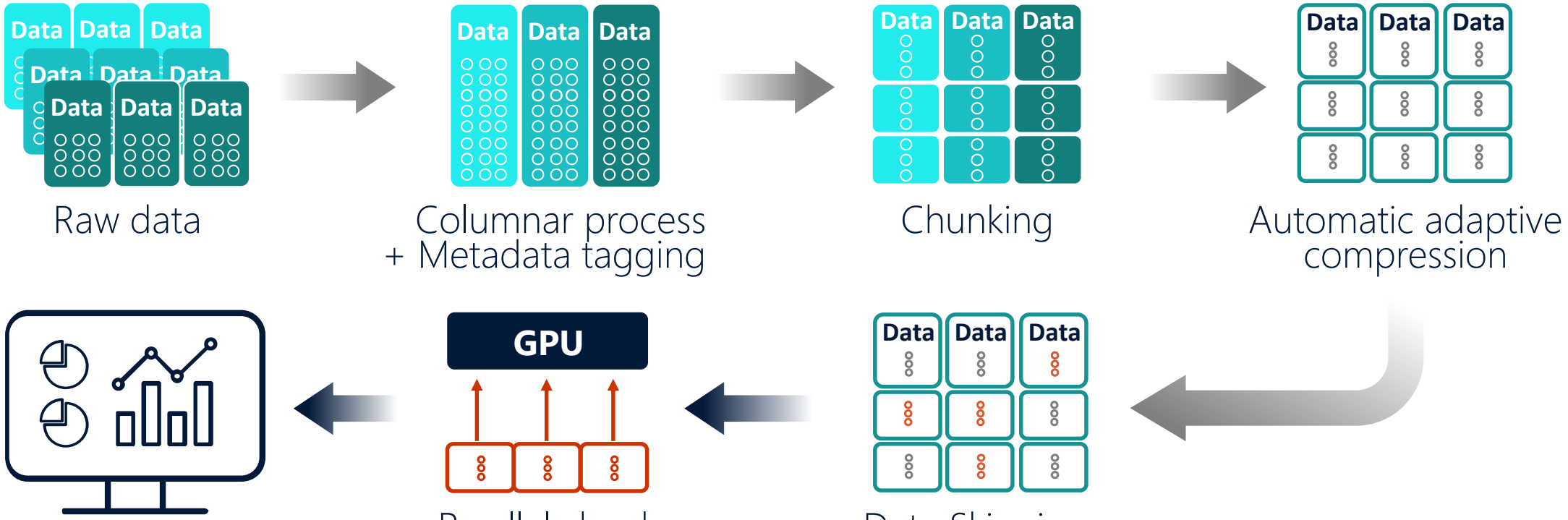
HOW IT WORKS



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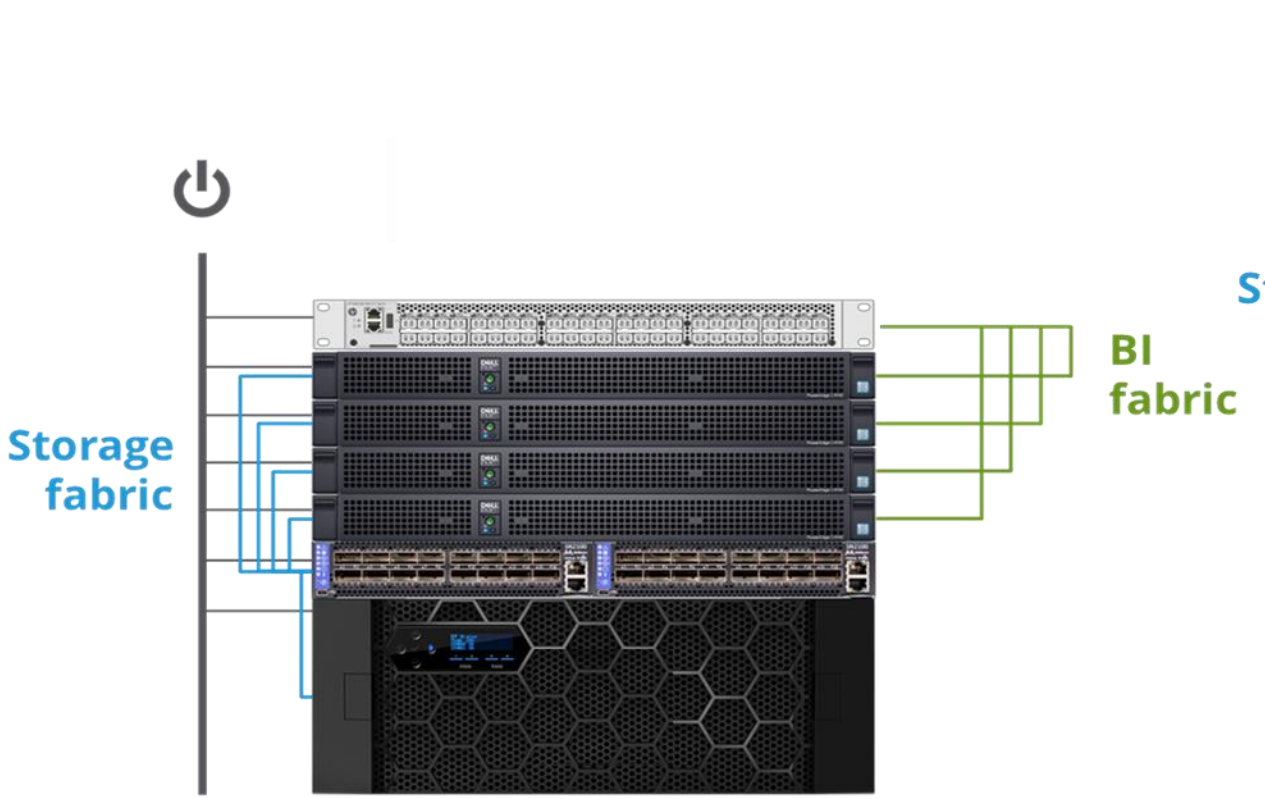
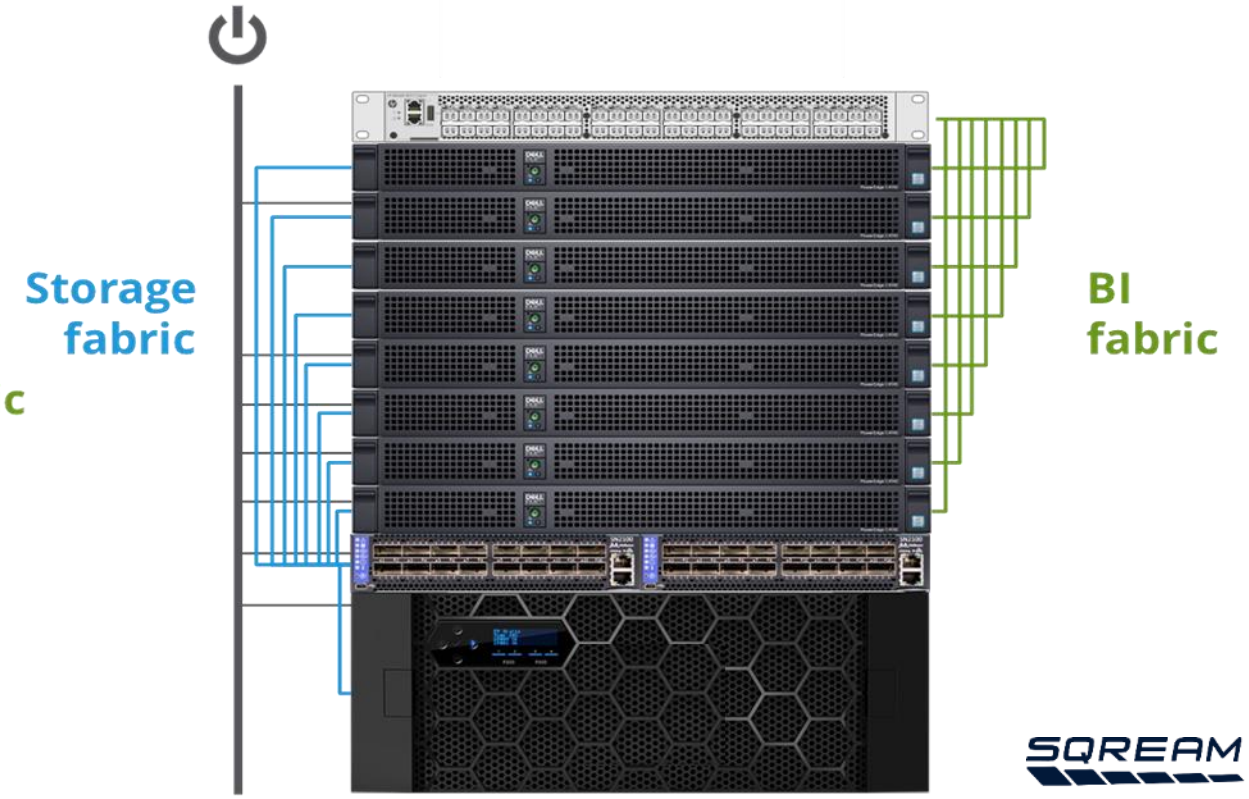
SCALE-UP OR OUT

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





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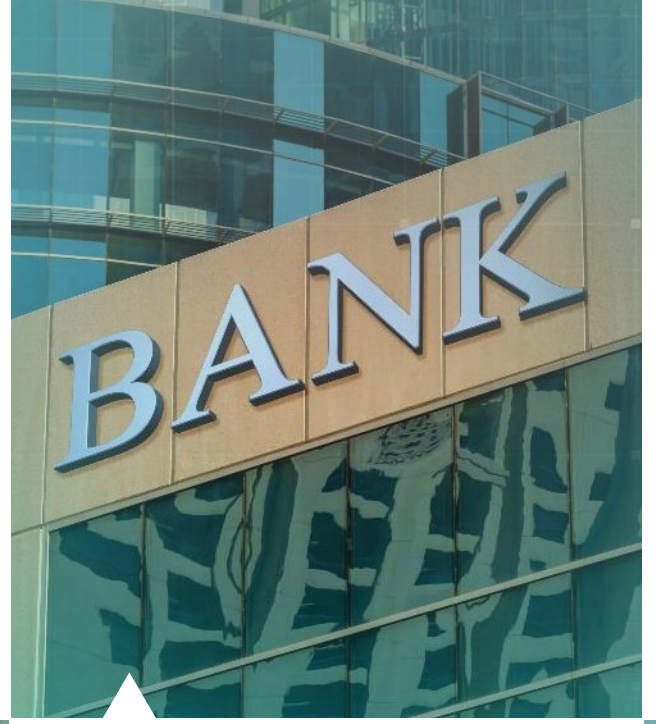
RETAIL

Monitor Competitors
Customer Experience
Operational Decisions

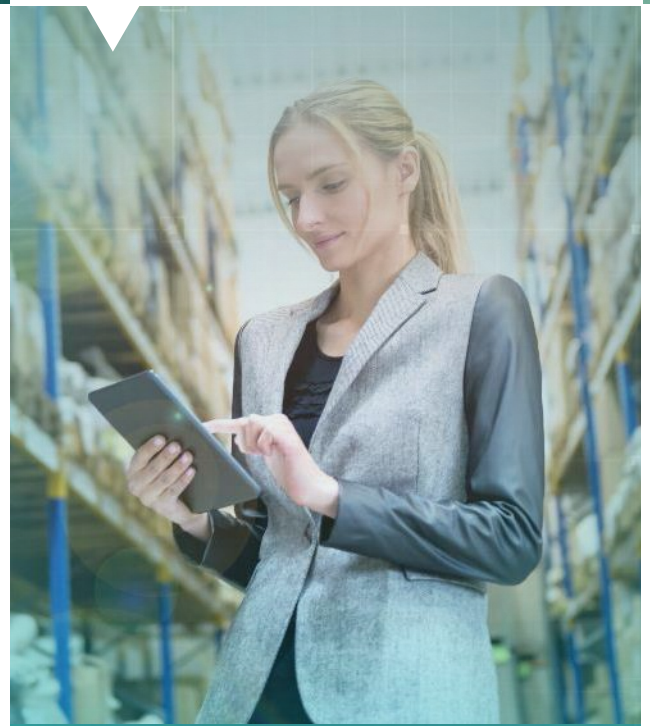


HEALTHCARE

Care Management
IOT Devices
Genomic Research

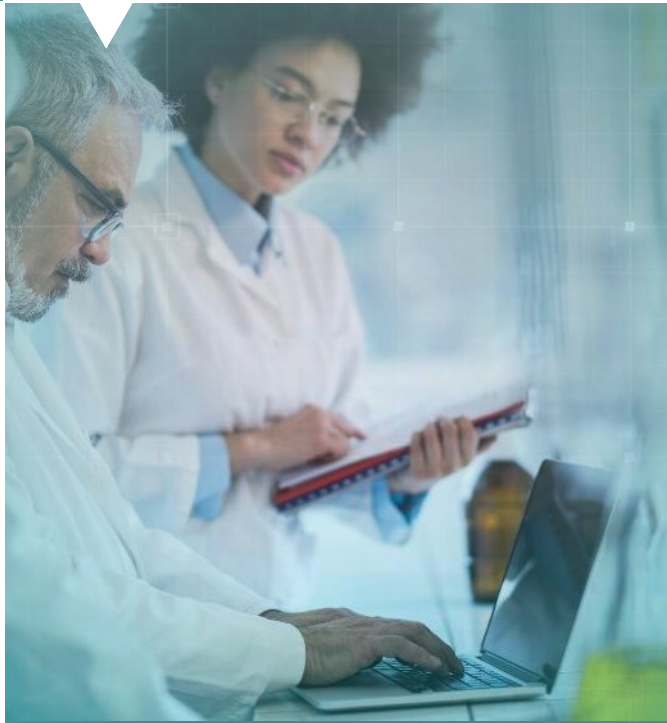
TELECOM

Customer 360
Competitive Analysis
Network Optimization



FINANCE

Fraud analysis
Risk consolidation
Customized services



PROOF OF VALUE

SQream Introduction

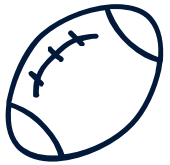
NDA

PoC Plan and Scope

- Use case in detail
- KPIs
- Schema and queries
- Data samples

Internal Evaluation

- Use case validation
- Load and test
- Query optimization



Kickoff

- HW and SW recommendations
- ETL process design

OUR PARTNERS

Cloud

- Alibaba Cloud
- Microsoft Azure
- IBM Bluemix
- amazon web services

Visualization

- tableau

Infrastructure

- NVIDIA
- IBM
- DELL EMC
- SUPERMICRO
- hp
- CISCO

Storage and Network

- DDN STORAGE
- INFINIDAT
- NetApp
- hp
- Mellanox TECHNOLOGIES
- storONE THINK RESULTS
- AXELLIO BETTER BY DESIGN

Solution

- Datatrend TECHNOLOGIES INC.
- TATA
- MST
- Telelogic
- TECHBASE WE MAKE CONNECTIONS. SIMPLE
- temperfield

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