



275+
Employees

Boston HQ

Locations in Israel, London, Paris & Seoul 200+

Channel Partners

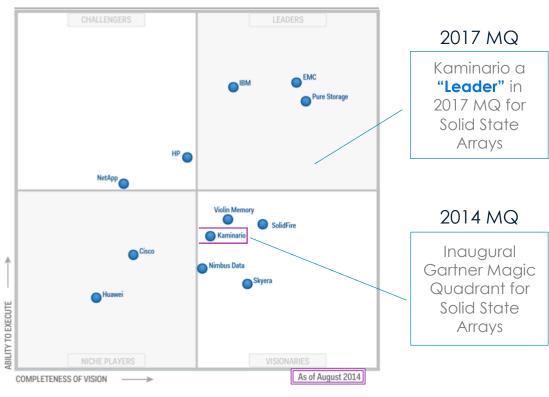
\$218M

Total funding \$75M in Jan 17'



Gartner | From a "Visionary" to an Industry "Leader"

Kaminario 36 month MQ evolution



Superior investment

leadership

market cap

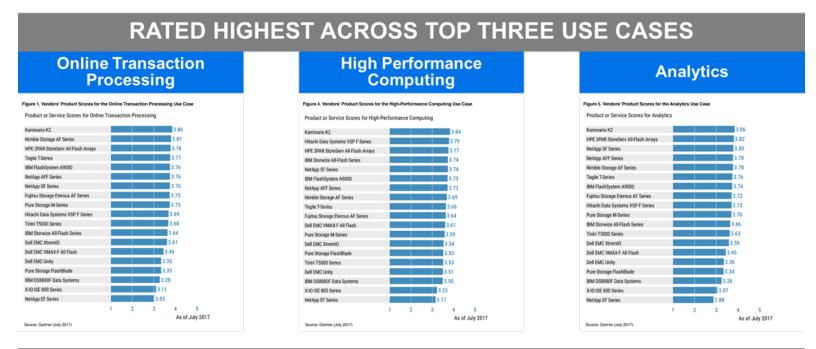
Strongest positioned leader with under \$2B

protection and NVMe

Significantly differentiated with only scale-up and out SSA



Gartner | ITS A SWEEP! Kaminario Ranks #1 in Critical Capabilities for SSAs



RATED SECOND HIGHEST FOR VDI AND SERVER VIRTUALIZATION



eToro is the world's
largest social trading
network serving over five
million customers and
operating in 170
countries.

'етого

Trade with confidence on the world's leading social trading network

Join millions who've already discovered smarter investing by automatically copying the leading traders in our community, or get copied yourself to earn a second income!

Real-time Trading in Cloud-App

For Anything!



Trade & Invest in Stocks, Currencies, Indices and Commodities (CFDs). Investing in the world's most popular financial markets has never been easier.



Observe, follow, learn from and even automatically copy trades of other network members in real-time



berrau
Bernhard Rauch
20.22%

3 RISK



amstone
Sebastien Emmanuel Alex...
5.14%

2 RISK



srassili Soufian Rassili

43.33% GAIN (LAST 12M) 3 RISK Join the Social Trading revolution!
Connect with other traders,
discuss trading strategies, and
use our patented **CopyTrader™**technology to automatically copy
their trading portfolio
performance.

Discover People



80%
PROFITABLE OUT OF 124M COPIED TRADES
(AS OF 10/11/2015)

The Requirements

to happen quick QUICKER and at Cloud-Scale



Sub-second trading performance



Copy trades of network members in real time



Instant trade acknowledgement



No performance impact from market events



No performance impact from market events

The Challenge:

Spikes in market activity caused spikes in platform latency.

Remember This Event?



The Brexit Effect

For Cloud-Scale Business, It's all about latency

- "Brexit" event happened after K2 migration had completed
- Biggest market event with severe turmoil and significant activity surges
- The change to K2 had reduced average latency to ~1.0ms. Down from 5-10ms.
- The Brexit event had no impact.
 Latency remained at ~1.0ms
 regardless of load.

Overall
Business
Benefit



Faster Trading

A unique social investment network achieves highspeed performance



Other Immediate Benefits?

- Storage operations simplified
- Compression and deduplication improved capacity utilization 33%
- Lower costs for datacenter storage rack space - reduced from 40U to 8U

Why is Kaminario K2 uniquely positioned to address eToro's and other Cloud-Scale business challenges?



Accelerating Database Performance with the most cost-efficient storage solution

Which Kaminario Features are Unique for Databases?

Predictable Cost



Selective Global Dedupe & Compression



100% Inline Data Reduction



All-in-one Software Pricing

Predictable Performance



Truly Active-Active
Controllers



Adaptive Block Size



Mixed Workload Processing



Unique Metadata Management

Predictable Resiliency



Easy and Efficient Replication



Industry's Best RAID Implementation



Proactive 24/7 Cloud Monitoring

Predictable Scalability



True Scale-up and Scale-out



Software Defined Architecture



Modular Design for Mix and Match

What is mixed workload processing and why it matters?

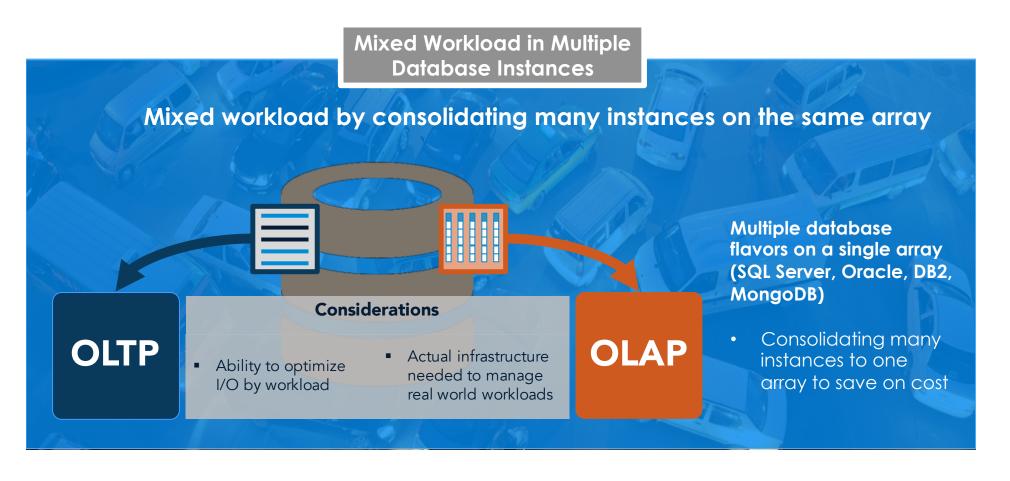
Mixed Workload in a Single Instance Database

Combining OLTP and OLAP workloads in same instance

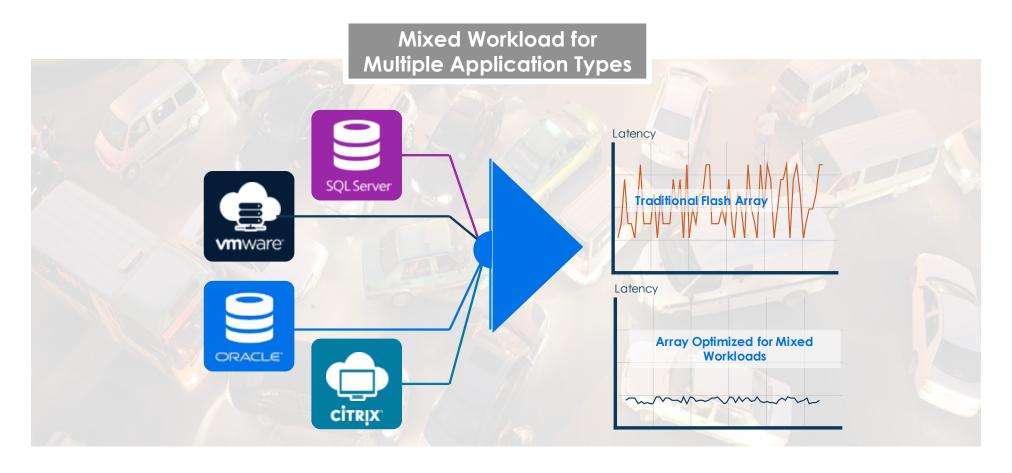
- Databases will have different block sizes for Storage inputs/outputs
 - Table Scans use large block sizes (up to 1MB)
 - Index seeks use small block sizes (usually 8k)
 - Log transactions use variable block sizes (from 512 bytes to 128k or more)
 - Storage that can support all in a efficient way matters

- DB workloads combination of reads + writes
 - Select queries are usually 100% read
 - DML (update/delete/etc.) are 100% writes or a combination
 - Storage array deals with writes/reads can drastically affect read and write performance (storage that can do reads without affecting writes and vice-versa)

What is mixed workload processing and why it matters?



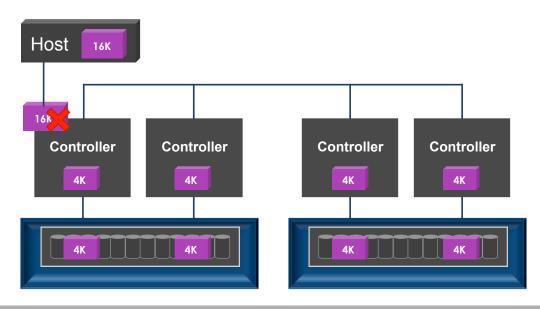
What is mixed workload processing and why it matters?



Why Fixed Block Size does not address mixed workloads

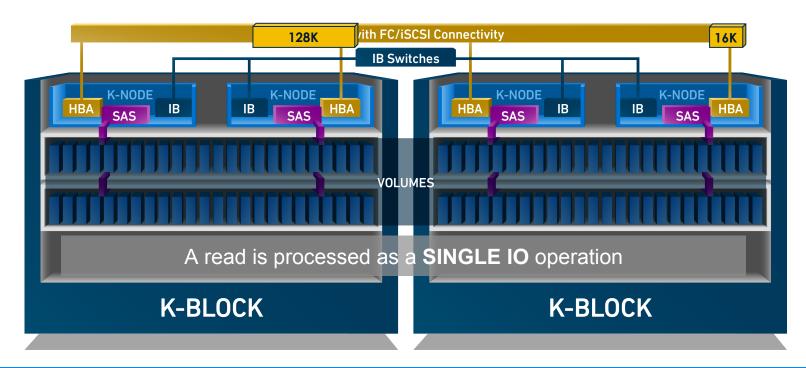
Other Storage Vendors

Fixed block address mapping



A read is processed as a **MULTIPLE 4K** operations

Adaptive block size provides optimal performance across all three mixed workload scenarios



Run OLTP and OLAP workloads concurrently on the same array without impacting performance or throughput and without any manual tuning

A History of Continuous Innovation

