

### Constant Performance, Continuous Innovation

Jack Kiernan
Solution Architect



#### **Clients & Partners**















































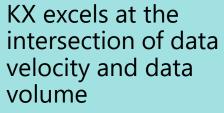








30 years running mission critical workloads on Wall Street





Built for all: onpremise, private and public native





### **STAC M3 Benchmark Partners**























# KX STAC M3 Benchmark Results

AWS STAC-M3™ benchmark results: Low-latency tick analytics made easy

Tick data analytics performance in Google Cloud improves up to 18x in latest STAC

Kdb+ Features In Dell STAC-M3™ Benchmark

Tests

https://aws.amazon.com/blogs/storage/low-latency-KDB220410 tick-analytics-made-easy-with-aws/

https://cloud.google.com/blog/topics/financialservices/optimizing-google-cloud-for-high-speed-KDB211210

market-tick-history-analysis

https://kx.com/blog/kdb-features-in-dell-stac-m3-KDB220506

benchmark-tests/

https://www.stacresearch.com/KDB221014 KDB221014

SUT ID: KDB221014

STAC-M3

kdb+ 4.0 Cloud Edition on 16 x GIGABYTE H262-Z62 servers each with 2 x AMD EPYC 7763 CPUs accessing 2 x DDN Al400X2 All-Flash appliances via EXAScaler 6.1.0



## kdb and STAC

KX have been a
STAC member since
2010 and are used
in SUTs that
currently hold 54
out of 56 world
records for
STAC-M3

#### **Gold Standard**

for Performanc

• STAC is the Gold Standard, and **kdb** is the "go-to" technology for vendors to leverage in STAC benchmarks to prove the performance of their technology



#### With our partners at the cutting edge

• **kdb** benefits directly from latency and throughput innovations found in the latest storage and compute solutions from vendors



#### Horizontally and Vertically Scalable

• In many cases, STAC SUTs observe better than linear scalability when running **kdb** analytics across 1 to 5 years+ of market data



#### Performance matters for our customers

 kdb maintains and stretches the lead in world record results for both centralised/shared storage, as well as for distributed and sharded "compute-local" storage models



#### **Get in Contact**

• Reach out if you're planning to conduct a STAC benchmark!





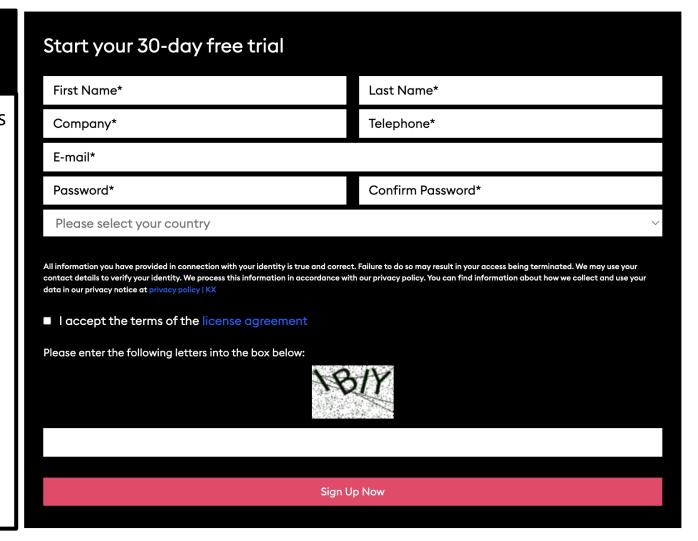


### kdb Insights Enterprise Free Trial

#### **kdb Insights Enterprise**

kdb Insights Enterprise enables developers and data scientists to deliver productionready data-driven applications using time series data.

- >free to start
- Instance can be deployed in 2 minutes
- >blazingly fast
- powered by kdb+ for vector processing
- >easy and intuitive to use
- low-code / no-code / Python / SQL
- >extreme scalability for ingest and query
- Built on Kubernetes for burst workloads





# Thank You

For more information:

**Jack Kiernan** 

jkiernan@kx.com

Visit www.kx.com







