



## Kinetica In-Memory, GPU-Accelerated Database

- Built from the ground up to scale linearly, Kinetica's distributed, in-memory database accelerated by GPUs delivers truly real-time actionable intelligence on large, complex, and streaming data sets.
- Utilizes the UDF framework, allowing customers to do historical slice and dice of data as well as use custom code and custom algorithms.
- Real-time data handlers ingest structured and unstructured data.
- Deep integration with open source and commercial frameworks and applications: Hadoop, Spark, NiFi, Accumulo, H2O, Tableau, Kibana, and Caravel.



### What does it do?

- **Comes built in** on the Dell EMC PowerEdge R740
- Delivers **consistent, scalable performance** to support large and streaming datasets
- Provides **enterprise-class, real-time** data analytics, including location-based and predictive analytics
- Delivers **unbeatable TCO**, with hardware costs that are 1/10 that of other in-memory databases

## Use Cases

- GIS tracking / Location-based analytics
- Risk modeling - operational risk, what if analysis, market risk, day trade risk, credit risk/scoring, diversification risk
- IoT analytics
- Oil drilling and well analytics
- Real-time supply chain insight
- Outage risks/predictions
- Network usage stats
- Fraud detection
- Complete customer profile for 360 degree view of customer insights

## Solution Offering



Kinetica is certified to run on PowerEdge servers, giving you exceptional performance and versatility for dynamic workloads as you quickly go from raw data to actionable insights and competitive advantages. Featuring greater expandability, more storage, and enhanced compute density, the PowerEdge R730/R740 can handle nearly any workload configuration and can run intensive, mission-critical applications for both large and small enterprise environments.

As an example of lightning-fast actionable insights, Dell Technologies and Kinetica can work together to analyze 3.8 billion records of text and tweets from social media, filtered by location, in real time. This capability is ideal for many real-time use cases.

## Contact Information

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