Interactive Location-Based Analytics

Visualize billions of data points, and display changes in real time as the underlying data changes.

Take advantage of the full gamut of geospatial visualization renderers such as feature, classbreak, unique value, symbology, and heat map.

Leverage Kinetica's rich library of visualization object types.

Connect with your favorite BI/ Geospatial mapping tools such as Tableau, Caravel, Kibana, Esri Web, etc.

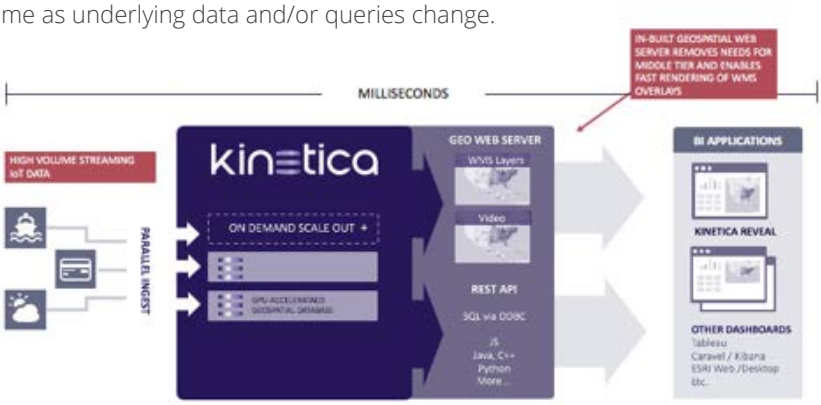
Work directly with Kinetica Reveal to create custom dashboards and widgets and make your data come to life.

Kinetica's extensible and flexible visualization framework "Reveal" enables interactive real-time data exploration in conjunction with GPU-accelerated rendering of maps and accompanying dashboards. With Kinetica Reveal, business analysts can make faster decisions by visualizing and interacting with billions of data elements instantly. Users do not need to know SQL; they can simply drag and drop data tables to slice and dice data and start creating on-the-fly analytics. Reveal has over a dozen analytical widgets to choose from for creating interactive real-time dashboards with just a few mouse clicks.

Kinetica Reveal also includes advanced mapping capabilities and integrates with major mapping providers, including Google, ESRI, Mapbox, and Bing, to conduct interactive location-based analytics on massive datasets. Reveal also boasts enhanced security with fine-grained multilevel access control for permission-based widgets, views, and dashboards.

High-Speed Geospatial Pipeline

The GPU opens up incredible improvements for visual rendering of data—particularly geospatial and temporal data. Kinetica Reveal lets analysts plot billions of data points and see changes in real time as underlying data and/or queries change.



- Parallel ingest
- On-demand scale out
- GPU-accelerated geospatial rendering
- Connectors to BI applications

Native Visualization is Designed for Fast Moving, Location-Based Data

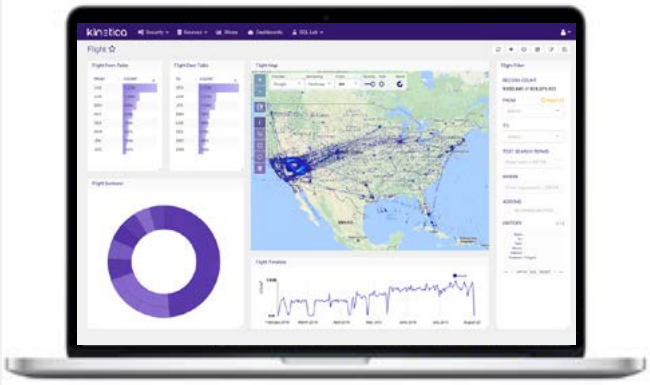
- Points, Shapes, Tracks, Labels

Native Geospatial Functions

- Filters (by area, by series, by geometry, etc.)
- Aggregation (histograms, etc.)
- Geofencing triggers
- Video generation (based on dates/times)

Generate Map Overlay Imagery (via WMS)

- Rasterize points
- Style based on attributes (class breaks)
- Heat maps



For more information on Kinetica and GPU-accelerated databases, visit kinetica.com