

Open, collaborative architecture that doesn't lock you into single vendors

Atom-smashing performance that delivers unbridled processing power in Hadoop

Enterprise-grade features like security and full SQL support that promote broad adoption and accelerate ROI

Action Vortex™

High Performance Analytics in Hadoop

Your key to unlocking maximum value from Hadoop

Whether your organization is thinking about Hadoop, experimenting with pilot projects or well underway in production, one thing is for sure: Hadoop has changed the way we think about delivering business value with analytics. Yet turning Hadoop into a high performance analytics platform requires a specific set of capabilities. Without them, you run into issues with performance, accessibility and scalability. Actian Vortex is the only analytics platform with the set of capabilities needed to maximize value from Hadoop.

Elastic Data Preparation

Bring in all of your data for fast ingestion and preparation with increased accuracy

SQL Analytics

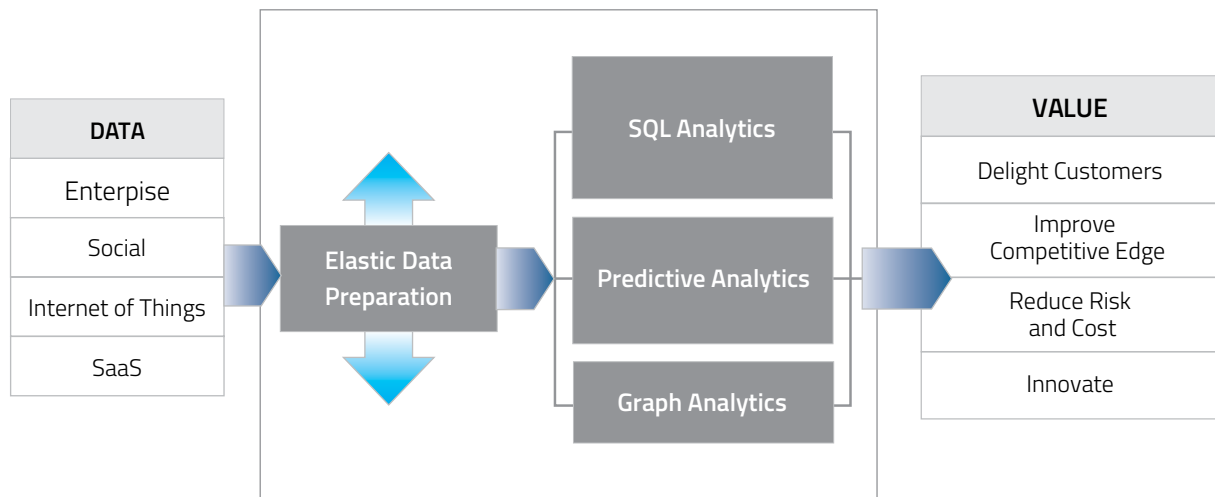
Use your existing SQL skills, applications and tools in Hadoop with fully industrialized SQL support

Predictive Analytics

Uncover trends and patterns through advanced analytics natively in Hadoop

Graph Analytics

Discover the “unknown unknowns” with a new type of analytics that gives insight into highly connected data



Action DataFlow

allows you to bring in all of your data for more accurate results, with blazingly fast analytics engines and ingestion technology.

Elastic Data Prep with Action DataFlow

If you want to spend less time preparing data and more time analyzing it, Actian Vortex is for you. Action DataFlow works with all your data, regardless of type and source, to deliver vvvdata preparation at scale. A highly parallel analytics engine that runs natively in Hadoop, DataFlow is the fastest way to ingest, blend, enrich and transform big data. Dynamically add, modify, or remove data flows and spin up nodes as needed while the system is up and processing data.

Breakthrough Performance

Bypass the need for intermediate HDFS files with tightly integrated, binary to binary ingestion. Ingest data regardless of where it resides with edge-to-engine high speed parallel ingestion.

IT-Free and Easy to Use

Free yourself from IT and programming dependencies by leveraging the drag-and-drop analytics workbench.

Open Architecture

Run analytics on your data without having to move it. Query native Hadoop file formats directly with an open API architecture.

Action Vector in Hadoop gives you the highest performing and most industrialized SQL analytics.

SQL Analytics with Vector in Hadoop

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Fast



Open



Enterprise-Grade

Highly Performant – run your queries 30x faster than other SQL on Hadoop offerings

Trickle updates natively in Hadoop – Insert, update and delete individual records in real time

Highest Concurrency – run simultaneous tasks and users without long wait times

Mature, proven planner and fastest optimizer – maximize your nodes, CPU, memory and cache

YARN certified – manage Hadoop resources automatically to prevent inefficiencies

Collaborative architecture – query native Hadoop file formats without having to ingest

Open APIs – seamlessly access Action file formats and get full compatibility with third-party enterprise applications and BI tools

Hadoop agnostic - avoid vendor lock-in and grow with flexibility

Full ANSI SQL 92 support – enables you to use ALL of your BI tools and applications

Full ACID compliance – gain transactional integrity in Hadoop with full read/write and update support

Native DBMS security – get authentication, user and role-based security, data protection, and encryption

Massive scalability – future-proof your business as your data grows

Action DataFlow accelerates predictive analytics natively in Hadoop.

Predictive Analytics with Action DataFlow

SQL analytics may be the most widely used analytics in your organization, but predictive analytics can be a great supplement. Most used for modeling and discovery, when applied to Hadoop you can get rich, deep insights that inform your actions and transform your business. Action DataFlow comes with a set of hyper-parallelized analytics operators in Hadoop that allows you to run predictive analytics quickly and directly on Hadoop clusters, using all of your data. The ability to bring the analytics to the Hadoop data optimizes performance and eliminates the need for aggregation. This gives you new levels of granularity in your insights and the ability to find patterns, trends and outliers quickly and accurately.

The easy-to-use visual analytics workbench contains built-in analytics blueprints. Leverage pre-built workflows based on proven methodologies so you can design, test and deploy your workflows quickly and easily.

Increased Accuracy

Run advanced analytics on all your data rather than 2% samples and get more accurate results.

Easy to Use

Jump start your predictive analytics journey with pre-built analytics blueprints and a visual, drag & drop workbench.

High performance

Bring the analytics to the data without having to move it for maximum performance.

SPARQLverse

accelerates predictive analytics natively in Hadoop.

Graph Analytics with SPARQLverse

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Flexibility

Easily integrate new data and leverage schema on demand, in the data.

Scalability & Performance

Get fast performance with a shared nothing (SN) design that leverages relational development expertise.

New Analytic Possibilities

Leverage more data and query entire data sets and run more sophisticated algorithms without the complexity of creating them.

Try it today for free.

Visit <http://www.actian.com/product-downloads/> to download your free version of Actian Vortex and analyze up to 500GB of Hadoop data using your existing SQL tools and resources.



www.actian.com

500 Arguello Street, Ste. 200, Redwood City, CA 94063
+1.888.446.4737 [Toll Free] | +1.650.587.5500 [Tel]



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