



Action Vector Analytic Database Product Family Brochure

More Actionable Insights with an Operational Data Warehouse

Get the power to connect, analyze and take action on all your data with an analytics platform that's extremely fast, agile, and scalable.

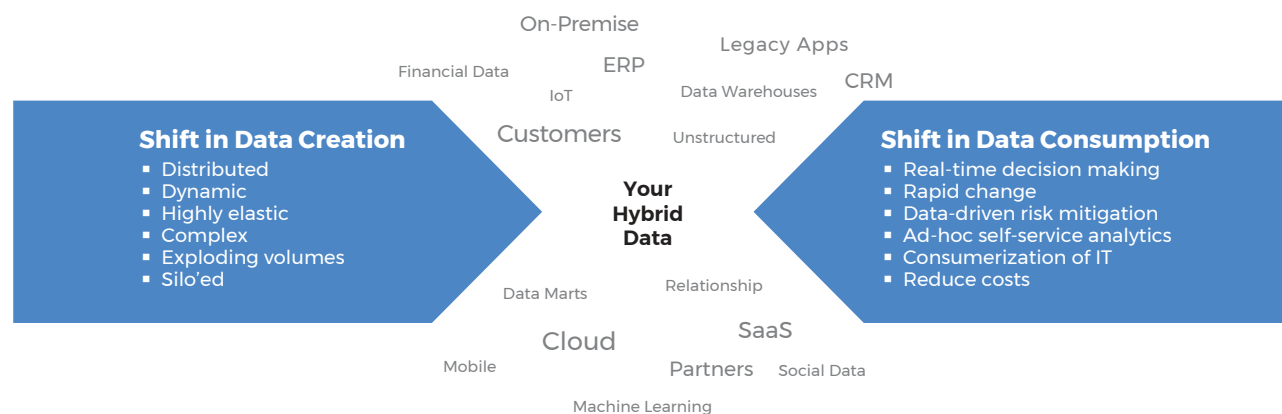


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Action Hybrid Data Vision

New demands are driving a shift in computing, toward an operational data warehouse.



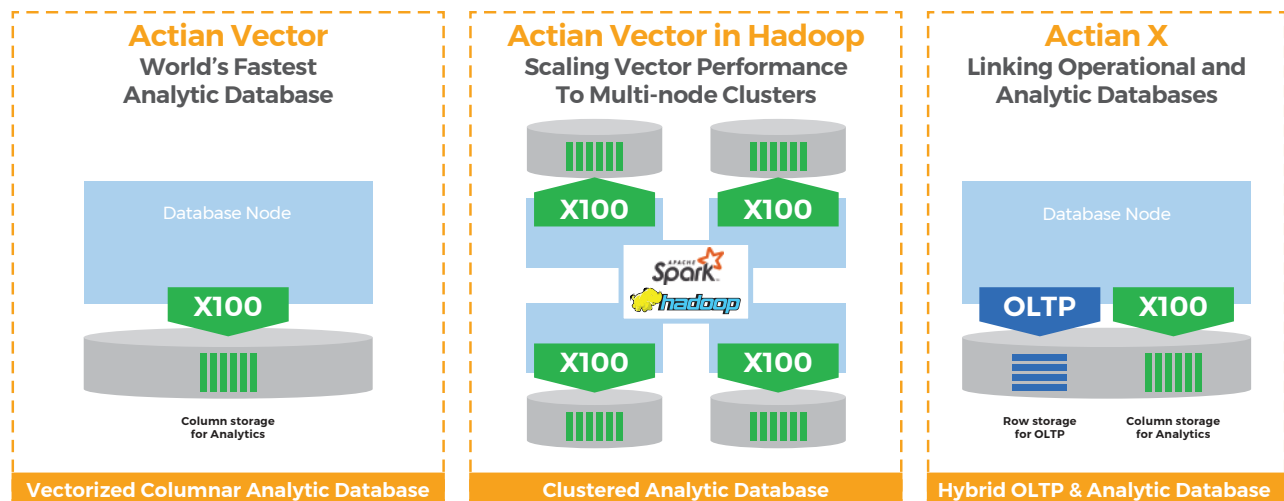
Today's business runs on data to make the best decisions on consumer trends, market opportunities, and competitive advantage. Capturing value from an increasing number of sources, flowing at a faster rate than ever before, and integrating a greater variety of formats and data structures can challenge the best-prepared IT organizations. And beyond data and integration specialists, both application developers and business users want increased access to data to make their applications and business processes work better to drive business outcomes like better revenue growth, increased profitability, reduced costs, and reduced risks. Having the right analytic platform can make the difference in this competitive global economy.

An operational data warehouse addresses drawbacks of existing analytic platforms

- Get insights into your business in real-time, with more current data
- Scan more data for deeper insights, hidden trends
- Incorporate more data sources for a more comprehensive view
- Get your analytics into production more quickly
- Enable new classes of users to benefit, especially using skills and tools they already know
- Deliver security and reliability with lower administrative costs

Action Vector Analytic Database Product Family

- The fastest analytics with the lowest infrastructure costs
- Action DataFlow complements Action Vector to provide the fastest data extraction, data analysis, transformation and loading
- Flexible architecture that eases deployment and integration
- Extensive support for industry standards like SQL, ODBC, and JDBC and open source tools like Apache Spark and Hadoop
- Patented zero performance penalty updates enable the operational data warehouse



Accelerate Your Analytics

- Consistent record-setter and current record-holder for the fastest non-clustered performance on the industry-standard TPC-H decision support benchmark
- Key to performance is the Vector X100 analytics engine: vectorized, columnar, in-memory, SQL database query engine designed from the ground up for performance
- Available in three versions to be the best fit for your analytic needs:
 - Vector for a single SMP server
 - Vector in Hadoop to scale out on multiple server nodes in a Hadoop cluster
 - Action X hybrid database combines transactional and analytic workloads on a single server, supporting both row-based and column-based tables to optimize query performance for OLTP and analytics applications

Accelerate Business Intelligence

The Vector product family gives BI users what they need – fast answers. Patented vector processing technology unlocks hidden performance features in modern CPUs. Actian customers use adjectives like “jaw-dropping” and “lightning-fast” because they can drill down on billions of rows of data for deeper insights in just seconds.

Get higher performance with less hardware and avoid tedious database tuning.

Connect easily with your preferred visualization front-end application and query data using industry-standard SQL.

Deploy BI projects faster without risky, complex, and costly data warehouse projects.

Count on Extreme Performance, Agility, and Scalability

Transform data into business value with an analytics platform that’s more powerful by design.

Performance based on a vectorized query engine so you can tackle the most sophisticated analytics to make the right decisions at the right time.

Agility through every cycle of innovation, from development to deployment, with dramatically accelerated response times allowing businesses to quickly adapt to changing needs.

Scalability to scale up and scale out to handle massive data volumes and provide users with a breadth and depth of analytics only Actian can deliver.



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