Are you struggling with slow data access, analytics, and decisions?

Try Actian Vector

Real-time data analytics is a powerful differentiator for businesses seeking a competitive edge. Actian Vector delivers exactly that—and more. Analyzing large data sets for analytics can now be done in milliseconds without time-consuming batch-driven processes.

Common Challenges: Slow Performance Restricts Real-Time Insights

Slow BI reporting and analytics speed indicate that your database is not performing at the high level needed to support analytics tools, applications, and real-time insights. Slow time to insights has a ripple effect, delaying business decisions, missing opportunities, and losing a competitive advantage. It also undermines confidence in the data.

Legacy databases can't keep up with:

- Diverse data sources and rapidly growing data volumes
- Processing workloads for real-time data analysis use cases
- Flexible and secure data deployments on-premises and in the cloud

Actian Solution: Vector Analytics Database

Vector is a columnar analytics database designed for high performance, millisecond-latency analytical queries. You can support any workload or use case by querying billions of rows in sub-seconds while benefiting from 99.999% uptime.

As an in-memory, columnar-oriented analytics database, Vector enables real-time data processing, far outpacing slow legacy infrastructures that can't handle today's analytic demands. It seamlessly manages both historical and new data, providing cost-effective, scalable, real-time insights.

Vector supports ultra-fast analytical processing without the risk or complexity of data duplication or movement across environments, making it the ideal solution for even the most sensitive enterprise workloads. It offers a highly scalable MPP architecture, full ACID compliance, zero-penalty real-time updates, and CPU cache optimization.

You also benefit from UDF support for Python, SQL, and JavaScript, and open, industry standard data access, including Spark, ODBC, JDBC, and .NET.

High-Value Outcomes: Lightning-Fast Analytics at Scale

Vector is designed for fast analytic queries while enabling you to manage security, risk, compliance, and other mission-critical use cases in the toughest data environments. You benefit from:

- **High-Performance & Scalability.** Deliver real-time insights at scale by executing analytical queries in real-time or milliseconds.

- **Security & Compliance.** Ensure privacy and regulatory compliance with a database that's secure and governed.
- **Flexibility & Versatility.** Process versatile data and analytical workloads effortlessly using diverse datasets.
- **Competitive Pricing & Visibility.** Understand straightforward pricing without surprise billing and achieve low data processing costs.

What's New in Vector 7.0?

As data volumes explode, you need to manage this vital asset in a cost-effective and scalable manner, while analyzing it in real time. Vector 7.0 offers advanced capabilities to:

- **Drive greater performance and scalability** to improve the speed and efficiency of data processing and reduce query response times.
- **Increase developer productivity** by speeding up developer cycles with tools to quickly test scenarios, create more responsive applications, and handle complex queries.
- **Power machine learning workloads** using TensorFlow to perform model inferencing for real-time workloads.

Get Started Today!

Request a free demo with a data expert at Actian.com/Databases/Vector.

About Actian

Actian makes data easy. We deliver cloud, hybrid, and on-premises data solutions that simplify how people connect, manage, and analyze data. We transform business by enabling customers to make confident, data-driven decisions that accelerate their organization's growth. Our data platform integrates seamlessly, performs reliably, and delivers at industry-leading speeds. Learn more about Actian, a division of HCLSoftware: www.actian.com

What Customers Are Saying

*"With **fast and actionable business analytics from Actian Vector**, we can deliver tailored offers and recommendations to our customers and advertising partners, and thus improve monetization of the games we develop."*

– Florian Douetteau, CTO, IsCool Entertainment

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*"Because Actian Vector can deliver extraordinary performance using only a small number of commodity compute nodes, the solution has exceeded the performance and functionality benchmarks of Netezza while lowering overall cost of ownership. **By replacing its legacy technology, the bank estimates it will save $20 million over five years.**"*

– Global Bank

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*"Actian Vector allows us to **reliably unify data for pharmacies across the Netherlands.** As a result, we can confidently assist pharmacists in the daily practice of their profession."*

– Paul Van der Linden, ABM - Advanced Analytics and Intelligence, KNMP

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