**actian**®

The most consumable, accessible, and manageable Hadoop analytics

The highest performing, most industrialized SQL access to Hadoop data

The only end-to-end analytics processing natively in Hadoop
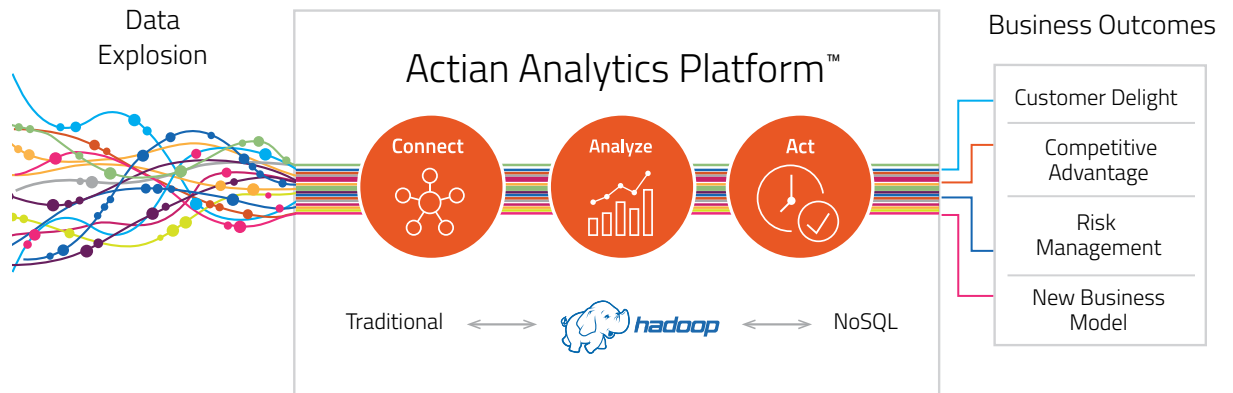
# Transform Hadoop into a
# High-Performance Analytics Platform

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

## Actian Analytics Platform™ – Hadoop SQL Edition

The Actian Analytics Platform – Hadoop SQL Edition is the first end-to-end analytics platform built to run 100% natively in Hadoop. It provides complete data discovery and analytics processing, running natively in Hadoop, together with industrialized SQL access to Hadoop data. Actian's platform makes Hadoop data repositories accessible to the enterprise by empowering millions of business-savvy SQL users and applications to conduct advanced analytics directly on data in the Hadoop Distributed File System (HDFS). The unified platform combines the highest performing, fully compliant SQL in Hadoop with Actian's visual data flow framework, all running natively in Hadoop via YARN.



## Key Benefits

**Speed time to value** – remove all barriers for business access to big data analytics and accelerate return on Hadoop investments

**Discover without limits** – combine the cost benefit of Hadoop with supercharged analytical processing to drive constant innovation

**Pinpoint decision accuracy** – unleash armies of SQL users on Hadoop without constraints to ensure accurate decisions

The Actian Analytics Platform uniquely enhances and extends Hadoop both for discovery and time-sensitive analytics using next generation capabilities:

- **Industrialized SQL in Hadoop** – provide business users high-performance interactive SQL access to all Hadoop data
- **Parallelized Pipelining** – run high-performance analytics natively in Hadoop up to 30 times faster
- **Data Science Workbench** – visually blend and analyze Hadoop data without coding

Run high-performance analytics directly in Hadoop at the speed and scale needed to help your organization transform big data into business value. Powered by Actian's patented X100 vector processing engine used by hundreds of customers, the platform provides the only end-to-end analytics processing natively in Hadoop and accelerates the full analytics process from data blending and enrichment to analytic computation and operational BI. Combined with built-in security, ACID compliance, full SQL support, and libraries of analytics functions, the entire analytic process becomes more consumable and easier to manage. If you have Hadoop and you're looking for a way to get transformative business value from your big data investments, the right choice is the Actian Analytics Platform.

## Analyze Hadoop Data Up to 30 Times Faster

Analyze all your Hadoop data faster with the highest performing analytics platform. The Hadoop SQL Edition speeds data blending, discovery, and predictive modeling with an embedded high-performance data flow engine for auto-scaling and parallelism.

Data scientists, business analysts, and casual users all benefit from the increased speed and scale. Processes data natively in Hadoop up to 30 times faster than the nearest competitive offering!

## Visually Process Hadoop Data for Faster Answers

Spend less time preparing and enriching your data and more time analyzing it to uncover new insights. Visually build end-to-end analytics workflows in minutes with more than 1500 pre-built "drag and drop" data analytics operators already optimized for parallel execution. Enable business analysts to use the drag-and-drop user

interface to do data blending and enrichment, and then run their SQL-based reports, dashboards, and analytical processing directly in Hadoop. Run faster iterations and get answers quicker from your Hadoop data without writing a single line of MapReduce code.

## Improve Analytics Accuracy Using More Data

Boost your analytics firepower and accuracy by enriching traditional data with data stored in unlimited sources to gain contextual depth in your analysis. Benefit from high-speed sharing of data and analytic processes within

Hadoop. Perform time-sensitive analytics using the freshest Hadoop data available for pinpoint decision making.

## Unleash SQL Users on Hadoop without Constraints

Open up Hadoop data access to all your business-savvy SQL users and applications to improve the accuracy of their analytical predictions and decision making. Unlike other SQL solutions that only support a subset of SQL in Hadoop or require SQL queries to be modified, Actian's Hadoop SQL Edition provides the broad SQL support that users demand from an enterprise-grade analytics

platform. Our SQL environment delivers industrial-strength DBMS security, including users, roles, and authentication with ACID-compliant reliability. Give your data scientists and analysts powerful productivity and accuracy breakthroughs while making Hadoop analytics consumable, accessible, and re-usable.

## Affordability and Performance

Combine the affordability of Hadoop with high-performance analytical processing. Capture massive amounts of information in your data lake. Benefit from parallelized and optimized data science analytics

running natively where the data lives to discover new insights. Deliver analytic insights across the entire enterprise using the fastest, industrialized SQL in Hadoop.

## Actian Analytics Platform – Hadoop SQL Edition *(Best in Class Capabilities)*

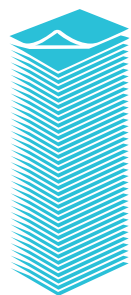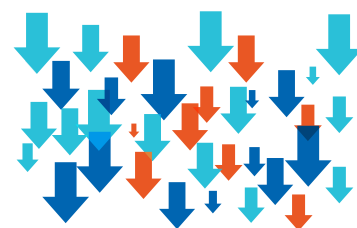| | |
|---|---|
| **Design & Run-time Optimization** | Visual data science analytics workbench to build and design executable analytic work flows that can be combined and re-used |
| **Linear Parallelism** | Parallelized and optimized analytics processing across Hadoop nodes, CPUs, cores, using high-performance data flow and vector processing |
| **Rich Analytics DNA** | Rich package of data preparation, blending, enrichment, and analytics operations to handle the most challenging big data problems |
| **Affordable, Unlimited Scale** | Run natively on Hadoop on commodity hardware, scale up and out to handle unlimited users, data, and analytics with all-in-one platform pricing |
| **Time to Value** | Accelerate time to value by reducing complexity and speeding data preparation and analytics by orders of magnitude to deliver the fastest ROI |

## WITH THE ACTIAN ANALYTICS PLATFORM, YOU CAN:

**BUILD A 7-HOUR** ORACLE
SHRINK PROCESSING REPORT

IN JUST
**01:15**
MIN/SEC

**LOAD DATA** AT A RATE OF
**2.66** TB/MIN

**RUN MATCHING ALGORITHMS** AGAINST MORE THAN **2.5 BILLION** RECORDS **MULTIPLE TIMES PER DAY**

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