

Action Data Platform

A Unified Platform that Makes Data Easy and Trusted

Organizations increasingly recognize the importance of leveraging analytics to gain a competitive advantage in today's data-driven world. To effectively harness the power of data, businesses need technology that enables rapid time to insights, along with the scalability, integration capabilities, and flexible deployment options to get the most value from all available data.

The Actian Data Platform provides this and more. The scalable platform makes it easy to connect, manage, and analyze data.

It offers a unified platform for integration, data management, and unbeatable query performance at scale. Organizations can get the insights they need for informed decision making with speed and confidence.

This modern platform offers robust integration capability directly in the data platform to manage data in the cloud and on-premises. Organizations can connect data using pre-built connectors or create their own API connectors to both ingest and deploy data to applications. With the platform's low-code, no-code and pro-code design environments, users can transform their data and leverage data quality rules, dramatically reducing the time spent on data preparation and accelerating outcomes.

Going from Data to Decision has Never Been Easier

The Actian Data Platform delivers reliable transactions and trusted, real-time insights, making it easier than ever to get from data source to decision quickly and confidently.

Connect your data, your way

End data silos and data chaos: Easily connect to any data source and ensure accurate, timely, high-quality data. Unify, transform, and orchestrate data pipelines with flexible and reliable data integration solutions.



Manage data with flexibility

Make data easy: Actian drives and monitors the entire data journey, from transactions to integrations to warehousing and analytics, with a fully managed platform that offers scalable hybrid storage (Figure 1).

The Actian Platform Delivers the Best of Both Worlds – High Performance at Low Cost

The Actian platform delivers superior price-performance for data analytics and eliminates the overhead of managing complex data stacks by providing native integration and codeless transformation. Designed to support heterogeneous environments, the platform allows organizations to access data on-premises and in the cloud. Transform data to support use cases, and quickly provide trustworthy insights for business decisions.

Architected and developed to make the most of CPU, RAM, and I/O operations, the Actian Data Platform provides the most efficient use of resources. A pay-for-use pricing model enables customers to achieve the fastest time to value from their data.

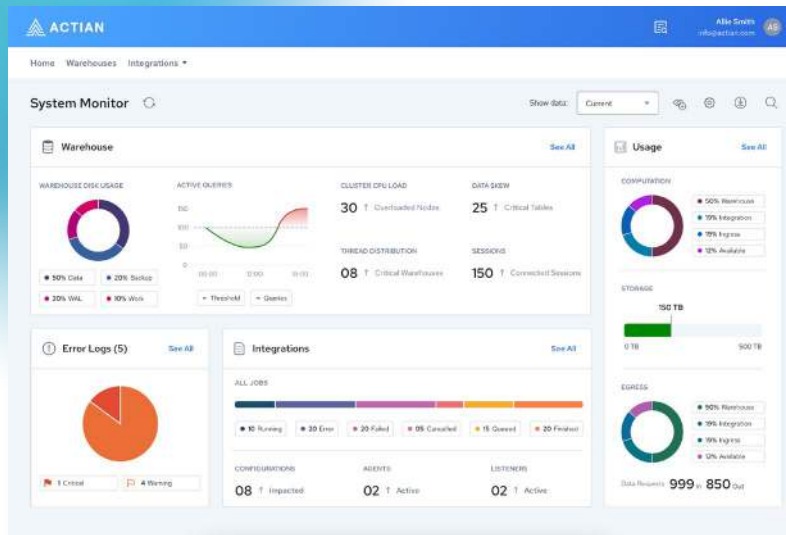


Figure 1: Unified View of Operations

Monitor integration and warehouse operations in a single, unified view

Action offers patented analytics features, including:

- **Vectorized processing:** The Actian Data Platform executes an operator such as “add” on hundreds or thousands of data elements during a single CPU cycle
- **CPU cache maximization:** The Actian platform uses private CPU core and caches as execution memory, which is 100 times faster than using RAM
- **Optimized I/O:** Tuning algorithms optimize the cache just before and after operations to enhance performance
- **Advanced compression:** The Actian platform maximizes the efficiency of decompression but also delivers 4 to 6 times compression ratio
- **High concurrency:** Providing performance that scales with the business, the Actian platform supports a high volume of concurrent users, allowing up to 64 concurrent users out-of-the-box

Data integration is at the core of Actian, including:

- **Native integration:** Offering the flexibility to use ODBC, JDBC, .Net, and Python, the Actian Data Platform enables business analysts, data scientists, and data engineers to use their favorite tools for visualization, reporting, and advanced analytics
- **API integration:** Quickly create services using REST or SOAP APIs

- **No-code transformations:** An intuitive design space provides drag-and-drop functions for code-free data transformations
- **Data quality:** Profile data and apply customized rules to ensure data is complete, consistent, and clean

Action Data Platform Highlights

- **Do more with less:** Industry’s best price-performance saves 16x more cost over competitor solutions.
- **Future-proof with hybrid multi-cloud architecture:** The platform can be deployed anywhere, on-premises, on AWS, Azure, Google Cloud, and hybrid environments.
- **Integration included:** Enterprise-class, native integration with pre-built connectors getting up and running quickly (Figure 2).
- **Flexible services:** Connectors for REST and SOAP APIs integrate data from nearly any application.
- **Pay only for what you use:** The Actian platform takes advantage of modern cloud innovations such as the separation of storage and compute, and elastic scalability.

*“We have saved a huge amount – nearly **150 hours a month** – that was previously spent on manual data efforts. We can now spend that time using the data to move the business forward.”*

Joe Jones
CIO with Aeriz

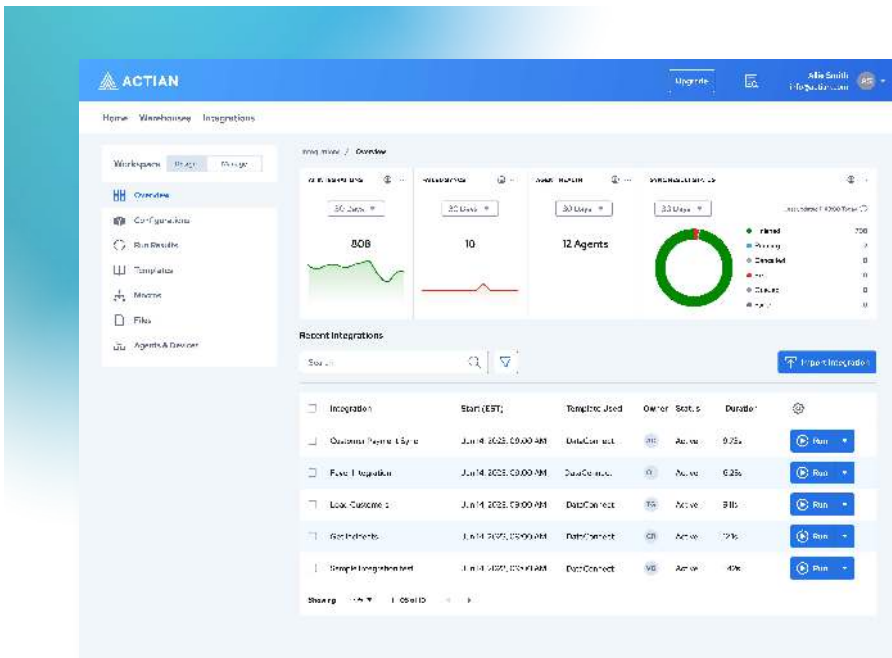


Figure 2: See Integrations on a Dashboard View, configure, run, and troubleshoot integrations and create templates for reuse.

Key Features

- Highly scalable MPP relational analytics delivers real-time data analytics
- Industry's fastest performance – at scale – no tuning required
- Supports multi-cluster environments for scalability and performance
- Support for diverse datatypes, including JSON, with auto-schema recognition
- Open, industry-standard data access, including REST, Spark, ODBC, JDBC, .NET, and more
- Built-in native integration, ELT/ETL, and data quality to reduce data stack complexity
- Comprehensive security features, including SOC-II compliance, ISO 27001, and industry-specific standards
- Fully-managed platform eliminates infrastructure maintenance, including patching and upgrades
- Advanced security, such as built-in data masking and customer-managed keys
- Cloud Security Alliance member

About Actian

Actian makes data easy. We deliver cloud 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. To learn more about Actian, a division of HCLSoftware, visit www.actian.com