

Data Observability for the Agentic Era

Deliver reliable, AI-ready data at enterprise scale.

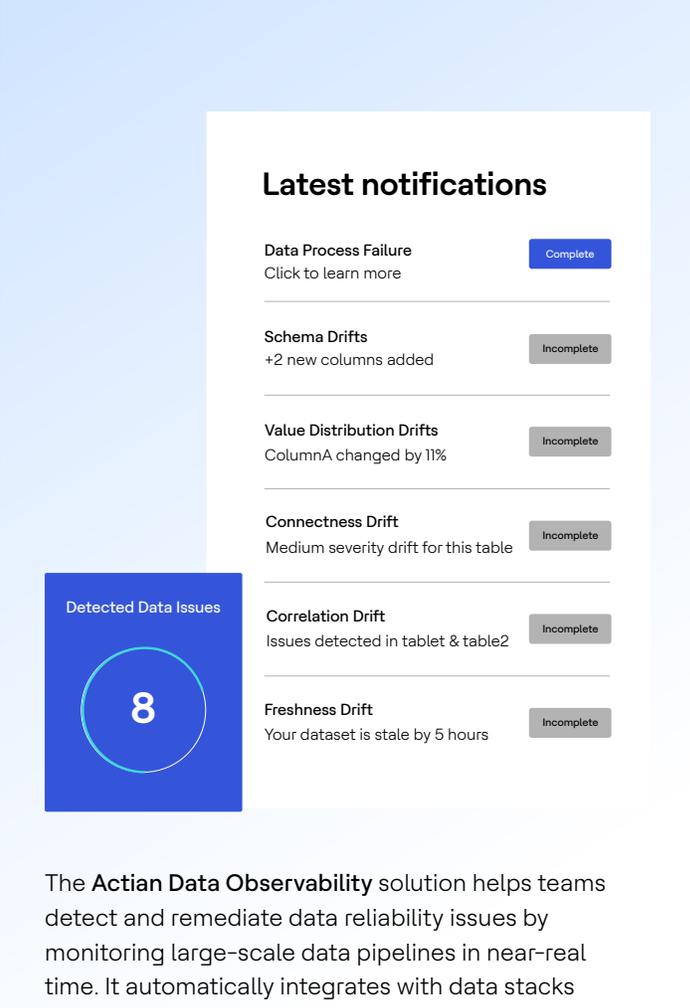
The Actian Difference

Actian Data Observability validates your data with zero-copy processing, eliminating blind spots without expensive warehouse queries.

Built-in Data Reliability Agents detect, explain, and resolve issues in near-real time—securely, in your lakehouse or VPC—before bad data impacts analytics or your AI systems.

Discover, Alert, and Remediate

- **Incident resolution** drastically reduces Mean Time to Detection (MTTD) and Mean Time to Resolution (MTTR) through intelligent alerts and guided root-cause analysis. Free your engineers from firefighting and restore data trust faster.
- **Shift-left for better results** and integrate automated checks and anomaly detection directly into your CI/CD pipelines, catching and fixing issues at the source—long before they impact production or downstream consumers.
- **Anomaly detection** automatically detects silent errors and subtle changes in data volume, freshness, and distribution before they cascade into major data incidents.
- **Proactive pipeline monitoring** provides automated alerts for data quality issues and schema drift, preventing disruptions to dashboards or business decisions and ensuring data reliability across all pipelines.
- **Custom SQL monitors** allow teams to bring their SQL-based rules from dbt or stored procedures, without requiring joins or logic rewrites.
- **MCP-Server** ensures AI agents are using verified data when taking action.



The screenshot displays a user interface for data observability. On the left, a blue card titled 'Detected Data Issues' features a large white circle with the number '8' inside. To the right, a white panel titled 'Latest notifications' lists several alerts, each with a status button:

Notification	Status
Data Process Failure Click to learn more	Complete
Schema Drifts +2 new columns added	Incomplete
Value Distribution Drifts ColumnA changed by 11%	Incomplete
Connectness Drift Medium severity drift for this table	Incomplete
Correlation Drift Issues detected in table1 & table2	Incomplete
Freshness Drift Your dataset is stale by 5 hours	Incomplete

The **Actian Data Observability** solution helps teams detect and remediate data reliability issues by monitoring large-scale data pipelines in near-real time. It automatically integrates with data stacks without code, and surfaces anomalies so teams can prevent broken or unreliable data from impacting analytics, reporting, or downstream systems.

Ensure high-quality data with reliability agents

Always-on AI assistants watch your data end-to-end and step in the moment trust starts to slip.



Validation Agent Continuously validates data as it lands, learning from trends to apply rules automatically so teams catch issues early.

Incident Diagnosis Agent Examines anomalies and incidents to identify root causes, highlighting pipeline dependencies so teams see what broke and what to fix.

Lineage Agent Traces data flow across sources and targets so teams understand relationships, assess impact, and fix issues with confidence.

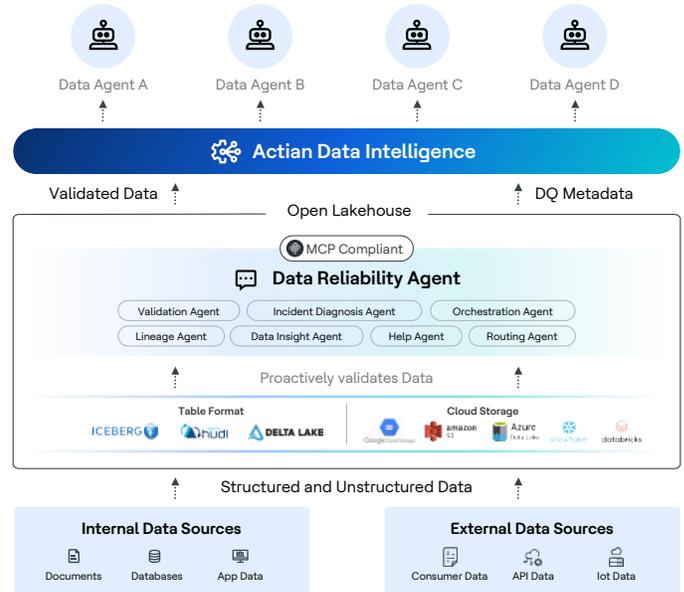
Data Insight Agent Converts data quality signals into charts and summaries, helping teams interpret trends and spot risks early so they can take action.

Help Agent Delivers step-by-step explanations and context so teams always have answers when they need them.

Routing Agent Directs users to the right rules, incidents, or assets so they spend less time searching and more time fixing issues.

Orchestration Agent Centralizes configuration, metadata, and integrations to automate onboarding and simplify ongoing management.

Data Reliability at AI Speed



Industry recognition

The Actian Data Intelligence Platform and Actian Data Observability solution have been recognized by industry analysts:



Exemplary in 2025 ISG
Data Intelligence Buyers Guide

Exemplary in the 2025 ISG
Data Observability Buyers Guide

Get started with Actian Data Observability.

Contact us at actian.com or schedule a demo to see how we can accelerate your data and AI initiatives.

About Actian

Actian empowers enterprises to confidently manage and govern data at scale with flexible solutions that work across on-premises, cloud, and hybrid environments. The data and AI division of HCLSoftware, Actian delivers data management and intelligence solutions that accelerate AI-ready data delivery. Learn more at www.actian.com

