



Jeavio

Case Study

**ENHANCING END-TO-END
BIG DATA MANAGEMENT
FOR A FORTUNE 100
MDM LEADER**

The Challenge

Turning Massive, Messy Data into Actionable Intelligence

The client's platform empowers global enterprises to transform external, unstructured data into reliable, actionable insights—essential for regulatory needs like KYC and anti-money laundering.

Key Challenges

Ingest and manage over 4 TB of complex, commercial data (company ownerships, tax IDs, addresses, and more).

Consolidate and match internal records with external “golden” data sources for maximum integrity and compliance.

Enable advanced, user-friendly search and real-time alerting—all while supporting monthly data refreshes at scale.

Jeavio's Approach

Unconstrained. Fluid. Human.

Unconstrained Thinking

From day one, Jeavio challenged the status quo—choosing to reimagine, not just refactor, the data processing architecture. Our team leveraged distributed computing to build a resilient ingestion pipeline, ensuring future growth would never be bottlenecked by data volume or complexity.

Fluid Execution

With our “shift-left” methodology, we dedicated extensive time up front to discovery and design, surfacing hidden requirements and technical risks early. A full-stack, agile team—ramping from 3 to 12 experts over 15 months—iterated quickly and continuously, delivering a functional MVP in just eight weeks and new capabilities with each sprint.

Human-Centric Collaboration

Jeavio embedded product owners, data engineers, and QA analysts alongside client stakeholders, prioritizing transparency and alignment. Our focus was not only on technical delivery but on making the platform accessible and usable for every user—from compliance teams to business analysts.



Technical Highlights

Data Engineering at Scale: Ingested, matched, and processed 4+ TB of external and internal data across highly distributed environments.

Advanced Search: Delivered extensive text search and real-time alerting—empowering users to surface critical insights instantly.

API-First Platform: Developed secure, high-performance API access for seamless integration with client workflows.

Agile Transformation: Accelerated local development and streamlined deployment, reducing sprint cycles from three weeks to two.



Outcomes

**Fast Impact,
Lasting Advantage**

Rapid Time-to-Value: Functional MVP live in eight weeks, enabling immediate business feedback and quick wins.

New Strategic Capabilities: Expanded platform features (API, text search) became central to future growth and client strategy.

Data at the Center: Reliable, fast data processing set the stage for better compliance, smarter decisions, and a future-proof enterprise architecture.



Jeavio

Why It **Matters**

This project demonstrates Jeavio's unique edge:

- **Unconstrained:** We reimagine architecture and process for what's possible—not just what's required.
- **Fluid:** We adapt, iterate, and deliver at the speed of business.
- **Human:** We embed deeply, communicate transparently, and deliver solutions that actually empower users.