



Large-Scale Global Safety Transformation Journey

Success Story: Jeev Lifeworks successfully enabled the migration from Oracle Argus to Veeva Vault Safety for a global pharma leader, and seamlessly implemented downstream integrations using its advanced data platform, JSuite

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Pioneering an Industry-First Safety Transformation: Benchmarking Success in a Mission-Critical Global Pharma Initiative

In the ever-evolving pharmaceutical arena, the ability to orchestrate complex transformations with precision and efficiency is critical. We recently had the privilege of leading a groundbreaking Safety transformation for one of the top five global pharmaceutical enterprises—an industry-first initiative that redefined scale, complexity, and execution excellence, setting a new benchmark for the industry.

The Challenge: A Multi-System, Multi-Integration Landscape

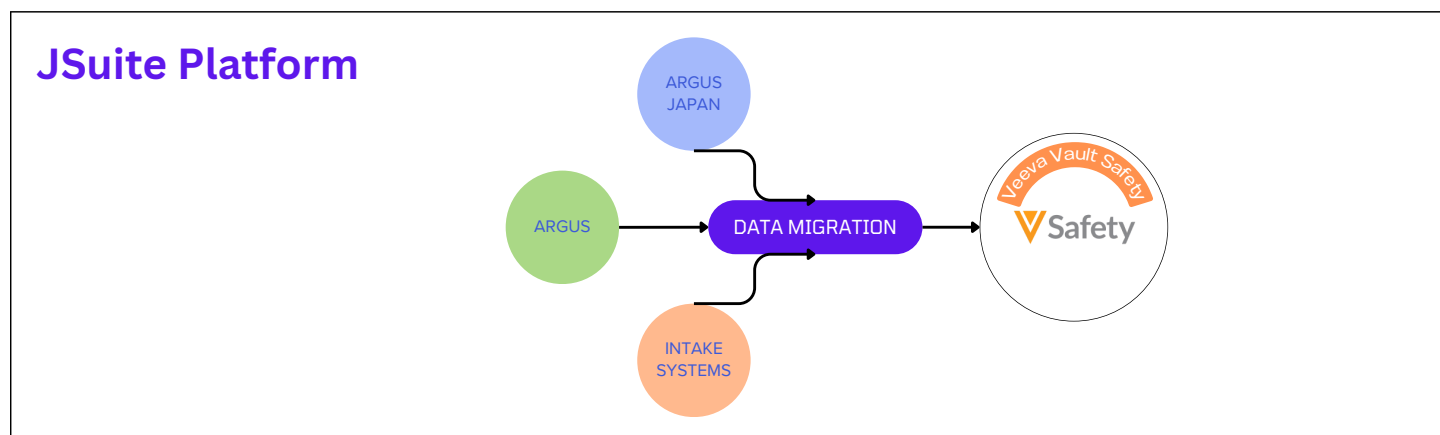
Our customer's Safety ecosystem was highly intricate, encompassing multiple legacy source systems, numerous downstream integrations, signaling solutions, Japanese regulatory reporting, advanced analytics, and data lakes. At the heart of this transformation was one of the industry's most complex and large-scale **data migration efforts**—a seamless transition of millions of cases from ARGUS to Veeva Vault Safety and multiple **downstream integration** with **Vault Safety**.

This mission-critical data migration required not only the preservation of data integrity and compliance but also ensured uninterrupted global operations across all safety functions. Our approach addressed every nuance of source-target mapping, transformation logic, and validation, while maintaining full traceability and audit readiness throughout the migration lifecycle.

Solution: JSuite and Its Role in the Transformation

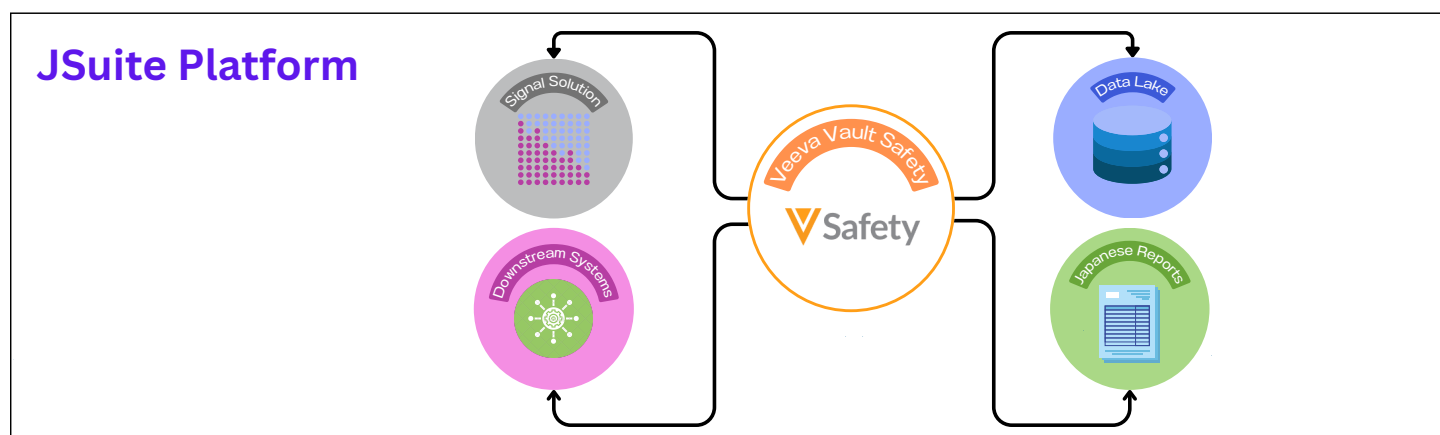
At the heart of this initiative was **JSuite**, Jeev Lifeworks' proprietary **multi-tenant, cloud-first, Veeva Certified data management platform**. Designed specifically for the pharmaceutical industry's complex data challenges, JSuite is not just a tool—it's a comprehensive platform engineered for large-scale transformation and long-term operational resilience.

Data Migration: Using **JSuite**, we enable seamless **multi-source migration** of both **localized and global safety data**, along with associated **case documents**, into **Vault Safety**. JSuite's robust platform handles complex data transformations, preserves regional nuances, and ensures accurate metadata mapping—delivering a high-quality, incremental migration that empowers global pharmacovigilance with complete, compliant, and harmonized safety information in Vault Safety backed by automated Qualitative and Quantitative reconciliation reports.



Downstream Integration: The diagram below illustrates how the JSuite platform effectively enabled integration across multiple systems, facilitating incremental data provisioning from Veeva Vault Safety.

JSuite not only played a pivotal role in enabling seamless and efficient migration from Argus, local language, and intake systems to Veeva Vault Safety, but also facilitated post-migration integration of Vault Safety with broader safety ecosystem. JSuite has been successfully implemented as a COTS application within the customer's environment.



Key Capabilities of JSuite include:

- Configurable and reusable mapping engine with advanced transformation logic
- Seamless integration capabilities across databases, file systems, APIs, and cloud-native platforms like Vault Safety
- Full support for multi-tenant deployments and hybrid architectures
- Scalable infrastructure to handle multi-million case volumes
- Built-in data governance, version control, and validation workflows
- Out-of-the-box support for Japanese reporting, advanced analytics, and real-time data lakes

In this transformation, **JSuite enabled:**

- Accurate and scalable migration of millions of cases, documents, and submissions into Vault Safety
- Reverse migration and business-as-usual (BAU) integration with downstream systems
- Configuration of complex regulatory reporting including Japan-specific requirements
- Establishment of a modern data lake and reporting ecosystem

Fail-First Approach: Accelerating Quality Through Smart Testing

To ensure early validation and risk mitigation, we employed our **Fail-First Approach**, which combines **automated qualitative and quantitative reconciliation** with **aggregate-level summaries**. This approach is designed to:

- **Verify 100% of source data elements**
- **Identify and isolate data quality, transformation, and rendering issues** during the earliest dry runs
- Drive actionable insights into mismatches, anomalies, or unaligned business rules

This methodology not only accelerated quality feedback loops but gave our customer **great confidence in the integrity and completeness of their data**. By detecting problems early and eliminating them before production cutover, we ensured a smooth and successful migration with zero surprises.

Accelerating Migration Testing with JTest

A key enabler of our success was **JTest**, our ready-to-use test automation suite for Vault Safety. JTest ensured:

- **Early detection of inconsistencies in migrated data**
- Accurate **validation of rendering, formatting, and user-facing data binding**
- End-to-end automated checks that dramatically reduced manual testing efforts
- Confidence in user acceptance by simulating real-life business workflows

JTest's coverage and depth helped us reduce migration-related risks and instill strong assurance in stakeholders about data fidelity and application readiness.

Jeev's Proven Migration Methodology

At Jeev Lifeworks, our **proven migration methodology** is shaped by years of experience, domain knowledge, and technical innovation. We bring together **deep functional expertise, strong technical capabilities, and a business-first mindset** to execute every project with surgical precision.

What sets us apart:

- **Functional excellence in drug safety operations**
- **Technical leadership in handling complex data transformations and validations**
- **Business alignment during every step**—helping stakeholders make informed decisions in moments of contention
- **Consistent track record of 100% success across all Veeva Vault Safety migrations**

Each migration we execute is not only on time and on quality, but also built with an understanding of how it empowers the customer's long-term operational model.

Veeva Factor: A Unified, Collaborative Force

Our transformation journey was strengthened by a **close and effective collaboration with Veeva Systems**. The **Veeva Factor** was instrumental in enabling success:

- **Veeva's leadership team** stayed engaged and aligned at every milestone
- The **on-the-ground Veeva product and services teams** were proactive, responsive, and collaborative
- **Joint workshops, problem-solving sessions, and iterative design reviews** helped streamline key decisions and resolve blockers quickly
- This unified “**one-team approach**” bridged organizational boundaries and set the tone for collective excellence

The result? Faster turnarounds, smarter execution, and a deeply aligned transformation roadmap.

System Integration: BAU Continuity Post-Migration

A transformation is only successful if it enables seamless operations post go-live. With **JSuite's robust integration capabilities**, we ensured:

- **Downstream systems** (reporting, analytics, global submissions, local systems) remained fully operational post-migration
- **Data lake pipelines** were fed real-time and incrementally from Vault Safety
- **Regulatory reporting and operational dashboards** resumed without disruption
- The customer could **retire legacy platforms** confidently and cost-effectively

This continuity in business-as-usual (BAU) ensured the transformation wasn't just technical—but operationally sustainable from day one.

Customer Recognition: A Testament to Impact

One of the most rewarding moments was being recognized by our customer's leadership. Their appreciation reinforced the value we brought and the impact we made.

Key Learnings & Takeaways

- **Strategic Collaboration is Key** – Our partnership with the customer and Veeva proved fundamental to success
- **Resilience Drives Progress** – Navigating evolving needs and technical complexity required agility and perseverance
- **Data Quality & Governance Are Non-Negotiable** – Early validation strategies like Fail-First ensured lasting quality
- **Technology as an Enabler, Not Just a Tool** – JSuite became the backbone of operational excellence
- **Regulatory Alignment from Day One** – Getting business teams involved early helped ensure compliance readiness
- **Business-Led, Technology-Driven** – Understanding the customer's operational goals helped us shape the transformation roadmap effectively

Delivering Measurable Impact

This transformation was not merely a technology shift—it was a strategic foundation for the customer's future. Our successful implementation delivered:

- A future-ready, cloud-based Safety system that enhanced compliance, scalability, and efficiency
- Streamlined case processing and regulatory reporting, including seamless Japanese submissions
- A robust data lake architecture to power AI-driven insights and advanced analytics
- Decommissioning of legacy systems, reducing operational complexity and cost

A Future-Forward Vision

At **Jeev Lifeworks**, we take immense pride in delivering projects that not only solve today's challenges but set the standard for tomorrow. This pioneering transformation embodies our commitment to

innovation, quality, and long-term partnerships.

We extend our gratitude to our customer, the Veeva team, and our exceptional Jeev Lifeworks team for their focus and perseverance. The recognition from customer leadership reinforces our purpose—and inspires us to lead more meaningful transformations across the life sciences landscape.

Let's connect and explore how we can partner to realize your Safety transformation journey.

Write to us at info@jeevlifeworks.com for detailed walkthrough, customer feedback and references.