

CASE STUDY

OPTIMIZING GLOBAL SUPPLY CHAIN OPERATIONS FOR A LEADING AGRICULTURE COMPANY

A leading company in the agriculture sector, operating across North America, EMEA, and Asia-Pacific, transformed its global supply chain by integrating process intelligence across three distinct operational areas and ERP environments—Oracle E-Business Suite, Oracle Cloud, and JD Edwards.

Executive Summary

A 12-week mindzie rollout connected three distinct ERP environments, unifying process visibility across supply chain functions. By analyzing cycle time, re-work, SLA adherence, and compliance metrics, the organization moved from reactive management to a proactive, KPI-driven operation.

Key Outcomes

- **Packaging cycle time reduced 40% (from 10 to 6 days)**
- **Re-work in formulation down 50%**
- **SLA adherence (dispatch & carrier) up to 95% (from 78%)**
- **Compliance errors in labeling/documentation reduced to <2%**
- **Inventory accuracy improved to 98%**
- **Transport lead times dropped 25%, improving OTIF performance**



Business Challenge

Siloed ERP systems and regional practices led to:

- Long cycle times in formulation due to QA bottlenecks
- High re-work across packaging lines due to inconsistent specifications
- Distribution inefficiencies, including stock variances and delayed cross-border shipments
- SLA failures with carriers and documentation non-compliance
- Limited visibility across Oracle EBS, Oracle Cloud, and JD Edwards environments

Project Scope

mindzie ingested 12 months of global supply chain data across all three ERPs.

Analyses focused on:

- End-to-end cycle time
- Re-work and change loops
- Compliance and regulatory performance
- SLA adherence (internal and external)
- Root cause identification and process bottlenecks

Automated alerts now notify business users in real time when thresholds are breached—whether for delayed QA steps, missed dispatches, or incomplete documentation—enabling a proactive response

Process Improvements

- Result: 40% cycle time reduction, compliance deviation dropped to <2%
- Set up live inventory accuracy checks and shipment SLA alerts
- Lead times down 25%, SLA adherence up to 95%
- mindzie flagged missing safety documentation and labeling mismatches in advance, driving compliance rates over 98%
- Invoice matching improved through better sequencing (no GR, no invoice), reducing blocked payments and enabling discount capture

Conclusion

By leveraging mindzie's process intelligence platform, the agriculture company successfully unified its fragmented global supply chain operations. Despite working across three ERP systems and multiple geographies, they were able to eliminate bottlenecks, reduce re-work, and drive measurable improvements in SLA performance and compliance. With continuous monitoring and automated alerts in place, the organization has shifted from reactive firefighting to a proactive, data-driven supply chain—unlocking millions in operational savings, improving customer satisfaction, and building a foundation for scalable, future-ready growth.

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