



How Vertex streamlined inventory adjustment approvals for a global consumer goods leader

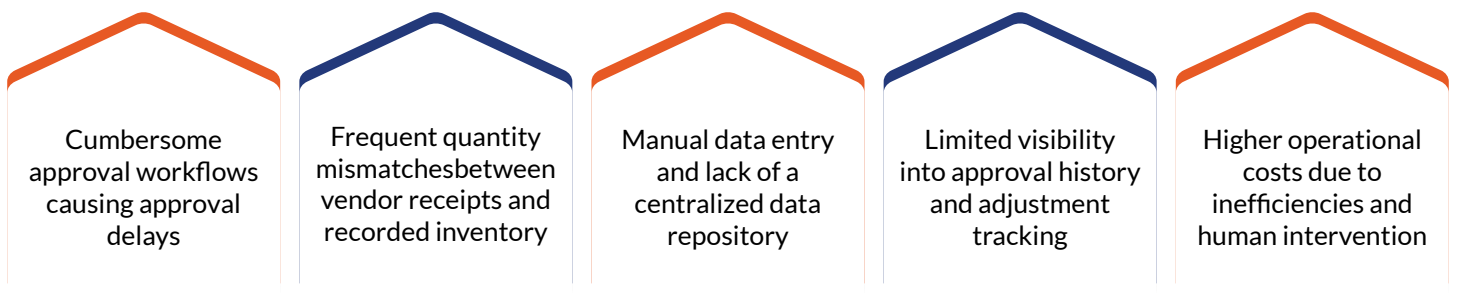
Automating Inventory Accuracy and Approval Workflows with Microsoft Power Platform

Client Overview

A multinational consumer goods manufacturer managing vast inventories across multiple global plants. The company required a scalable and secure solution to handle frequent inventory discrepancies, ensure timely approvals, and maintain real-time visibility across operations.

The Challenge

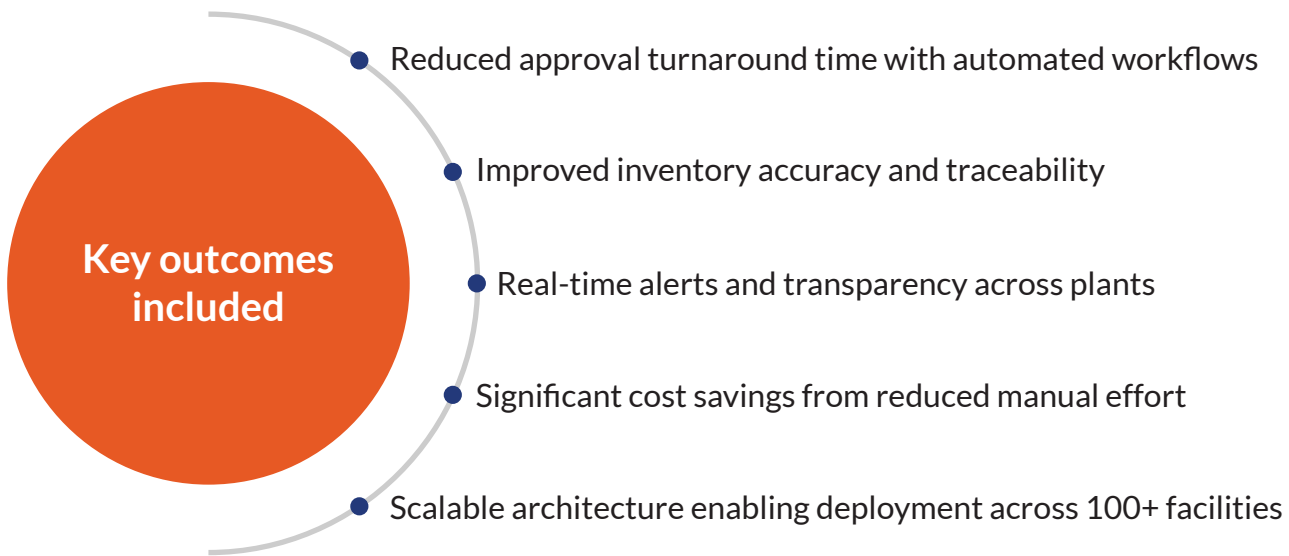
Managing inventory adjustments was a time-intensive and error-prone process. The existing system faced multiple operational limitations:



The client needed a unified digital system to automate discrepancy detection, simplify approvals, and enhance transparency across plants.

Business Impact

Vertex implemented a Power Platform–based inventory management solution that unified adjustment tracking and automated approvals end-to-end.



What We Delivered

- ▷ A unified PowerApps solution integrating inventory adjustments and mismatch records in a single platform
- ▷ Automated discrepancy detection with approval routing based on variance size
- ▷ Custom Power Automate workflows to trigger approvals and notifications
- ▷ Automated data migration from SAP to SharePoint using RPA
- ▷ Enhanced database security with controlled access through SharePoint Online
- ▷ Customizable configurations allowing admins to adapt business logic directly via SharePoint lists

Technical Highlights

- ▶ **Microsoft PowerApps** – Delivered a modern, user-friendly interface for adjustment creation and review
- ▶ **Microsoft Power Automate** – Automated approval routing and data transfer
- ▶ **SharePoint Online** – Enabled centralized, secure data management
- ▶ **Microsoft Authentication** – Ensured secure access and data integrity
- ▶ **Y-Y Analysis Framework** – Identified root causes of recurring discrepancies for preventive measures

Business Benefits

Faster Approvals

Improved data consistency and audit readiness

Enhanced Accuracy

Improved data consistency and audit readiness

Scalable Deployment

Solution adaptable across 100+ manufacturing sites

Improved Transparency

Real-time alerts and complete audit trails

Cost Efficiency

Reduced manual interventions and operational overheads

Informed Decisions

Data-driven insights for proactive inventory management

Business Benefits



Challenges

- ▶ Smoothly migrating inventory data from SAP to SharePoint
- ▶ Driving adoption across plant teams and ensuring user readiness



Achievements

- ▶ Enhanced system security with robust authentication controls
- ▶ Delivered an intuitive UI improving user compliance and efficiency
- ▶ Seamlessly connected Power Platform tools for continuous workflow optimization

Unique Value Provided by Vertex

- ▶ **Unified Integration:** Combined inventory adjustment and mismatch tracking in one platform connected to SAP
- ▶ **Customizable & Modular:** Built as a scalable PowerApps template deployable across multiple sites
- ▶ **Continuous Improvement:** Embedded Y-Y Analysis for long-term performance optimization
- ▶ **Industry Differentiation:** Delivered a future-ready solution exceeding standard automation practices

Client Feedback

“The solution has an intuitive and simple UI that enhances inventory adjustment compliance. It’s easy to use, and the backend ensures a proper audit trail.”
- *Inventory Adjustment Application Team, Manufacturing Plant (Client)*