

The Supply Chain Overhaul: Turning Excel Overload into Predictive AI Power

How a global consumer goods company built a reusable, governed foundation for replenishment, forecasting, shortage management, and waste control.

AT-A-GLANCE

Company: Global Consumer Goods
Manufacturer
Industry: Consumer Goods
Department: Supply Chain & Procurement
HQ / Location: Columbia
Scale: 6,000 employees in 14 countries

99.7%

Efficiency gain in replenishment

\$1.7M

Annual gross benefit

500%+

First year ROI in waste-control

CHALLENGE

At a global consumer goods manufacturer, planners relied on fragmented spreadsheets and manual SAP queries to forecast demand and balance inventory. Forecasting took weeks, replenishment required day-long cycles, shortages were detected after stockouts occurred, and waste tracking depended on paper forms—driving delays, errors, and avoidable financial losses.

USE CASES TRANSFORMED INTO AI NATIVE

With UnifyApps, the company unified planning, execution, and exception management into a reusable, AI-Native supply chain engine:

Product Replenishment

🕒 BEFORE

12-hour bi-weekly Excel and SAP validation cycles

💰 COST

Two days lost per cycle; delayed decisions

⚡ AFTER

Automated balancing engine running in 5 minutes

✓ BUSINESS IMPACT

99.7% efficiency gain and real-time visibility

AI-Powered Short Term Forecasting

🕒 BEFORE

Weeks of manual forecasting and gut-feel adjustments

💰 COST

Reactive inventory decisions and missed signals

⚡ AFTER

AI forecasts generated in minutes via Snowflake

✓ BUSINESS IMPACT

Faster, data-driven planning at scale

Shortage and Coverage Management

🕒 BEFORE

Reactive shortage detection after stockouts

💰 COST

2-3% revenue loss from delayed response

⚡ AFTER

Real-time shortage detection with USD impact modeling

✓ BUSINESS IMPACT

Proactive rerouting and inter-center transfers

Waste Control Management

🕒 BEFORE

400+ daily paper forms with 15-20% errors

💰 COST

\$50K+ fines and \$200K+ payment delays annually

⚡ AFTER

Digital platform with instant capture and validation

✓ BUSINESS IMPACT

500%+ ROI and near-zero data errors

One foundation. Compounding returns.

Shared demand, inventory, logistics, and waste data enabled reuse across forecasting, replenishment, shortages, and compliance.

INTEGRATIONS USED

SAP (ERP & Supply Chain)	Snowflake (Data Lake)
SharePoint & Excel (Legacy Data)	APE (Assembly Process Engine)

Rapid deployment, No ERP replacement

UnifyApps delivered payback in 2-4 months.

Previously traditional transformations took years.

THE CIO'S PLATFORM

One horizontal standard across the enterprise



THE ENTERPRISE BRAIN

One truth across every system



ASSEMBLY-FIRST METHODOLOGY

Compose, don't hand code



ADDITIVE

Your CRM stays your CRM



DEPLOY ANYWHERE

Your cloud, network, or on-prem



MODEL AGNOSTIC

Any model, any step, your choice

Master Agents & App Catalog (MAAC)

Explore 295+ Production-Proven AI Agents Across Finance, HR, Supply Chain, Sales & IT

[Explore Use Cases →](#)



ABOUT UNIFYAPPS

UnifyApps is the Horizontal AI Operating System for the enterprise — the agentic automation platform that does the 80% of Enterprise AI the models can't, unifying every system into one Enterprise Brain and letting teams assemble agents, apps, and workflows to go from pilot to production up to 10x faster, cheaper, and easier to maintain.