

CONSUMER PACKAGED GOODS

On-shelf availability control tower for a consumer-goods manufacturer

Every night a consumer-goods company receives retailer sales and inventory feeds, its own stock and orders, and the promotion calendar. Wexa opens a case for every empty shelf, finds the cause, and proposes the fix for the key account manager to approve.

-72%

tokens per case vs the same agents without Wexa (59,269 → 16,559)

-81%

tokens when orchestrated across clouds over A2A

-58%

model cost per case

~4,100

graph nodes and 8,300 relationships

CLIENT

Multi-brand consumer-goods manufacturer (54 products, 3 retail accounts, 60 stores)

REGION

US

WHEN

2026

ENGAGEMENT

Solution build

WEXA COMPONENTS

Wexa · context graph · 5-agent process flow · A2A across clouds · approvals · data tables

The challenge

- Out-of-stocks, phantom inventory and missed promotions found too late
- Signals spread across retailer feeds, DC stock, POs and promotions
- Agents running in different clouds without a common control plane

What Wexa built

- ✓ Five agents per case: exception triage, demand sensing, supply planning, retail execution and account action
- ✓ Agents traverse the graph from the shelf to stores, products, DCs, orders and promotions
- ✓ Typed outputs become proposed actions with master-data identities, never model text
- ✓ Replenishment orders, field-rep tasks and briefs written only after the account manager approves
- ✓ Agents deployed on Google Cloud and configured for AWS and Azure; Wexa as the control plane

How it runs on Wexa

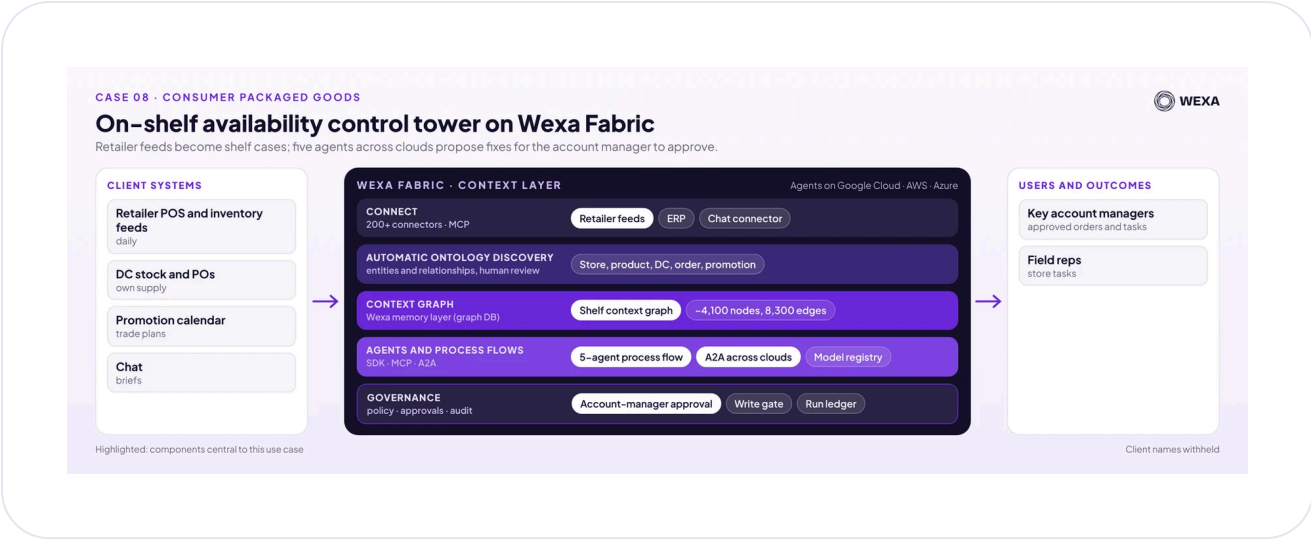


FIGURE How this use case runs on Wexa: client systems connected, ontology discovered, context graph in the Wexa memory layer, agents and process flows, and governance. Highlighted components are central to this use case.

Results

MEASURE	BEFORE / WITHOUT WEXA	WITH WEXA
Analysts working shelf exceptions	8 analysts	3 analysts
Annual cost of the process	\$720K	\$270K
Lost sales recovered per year (60 stores)	—	\$1.2M
Time to implement the AI solution	6 months	4 weeks
AI build cost (one-time)	\$480K	\$30K

MEASURE	BEFORE / WITHOUT WEXA	WITH WEXA
AI operating cost per year (models, infrastructure, upkeep, platform)	\$312K	\$164K
Total AI cost in year 1	\$792K	\$194K

WITH WEXA

\$1.5M

net annual value to the client after Wexa's
own operating cost

6x

faster to implement

47%

lower AI operating cost

\$598K

less AI spend in year 1

- ✓ Decisions agreed between the two arms in 16 of 20 cases; 4 of 4 when orchestrated across clouds
- ✓ An approved replenishment order was written to the system of record and read back intact
- ✓ Demand drawn from a real public retail sales dataset