



AI Agents That Protect Customer Loyalty

Diagnose and fix the supply chain failures that erode it. At scale.

The Real Cost of a Supply Chain Failure Is a Customer Who Doesn't Come Back.

Enterprise teams already see the symptoms: the late delivery, the stockout, the claim. By then, the damage is done. Beamup correlates the upstream signals your systems track separately - a carrier dwell anomaly, a labor gap, a forecast deviation - and drives the corrective action before the customer is affected.

71%

of consumers have switched brands at least once in the past year
(Salesforce, 2022)

63%

of consumers will switch to a competitor after just one bad experience
(Zendesk, 2025)

\$890B

in US retail returns in 2024, 16.9% of all retail sales
(NRF, 2024)

Loyalty-Eroding Failure Modes That Compound at Scale

Manual execution creates compounding failures:



Stockouts Events



Shrink & Loss



Labor Inefficiencies



Split Shipments



Excess Inventory

Beamup's AI agents diagnose and fix these failures continuously, at scale. So customer loyalty holds.

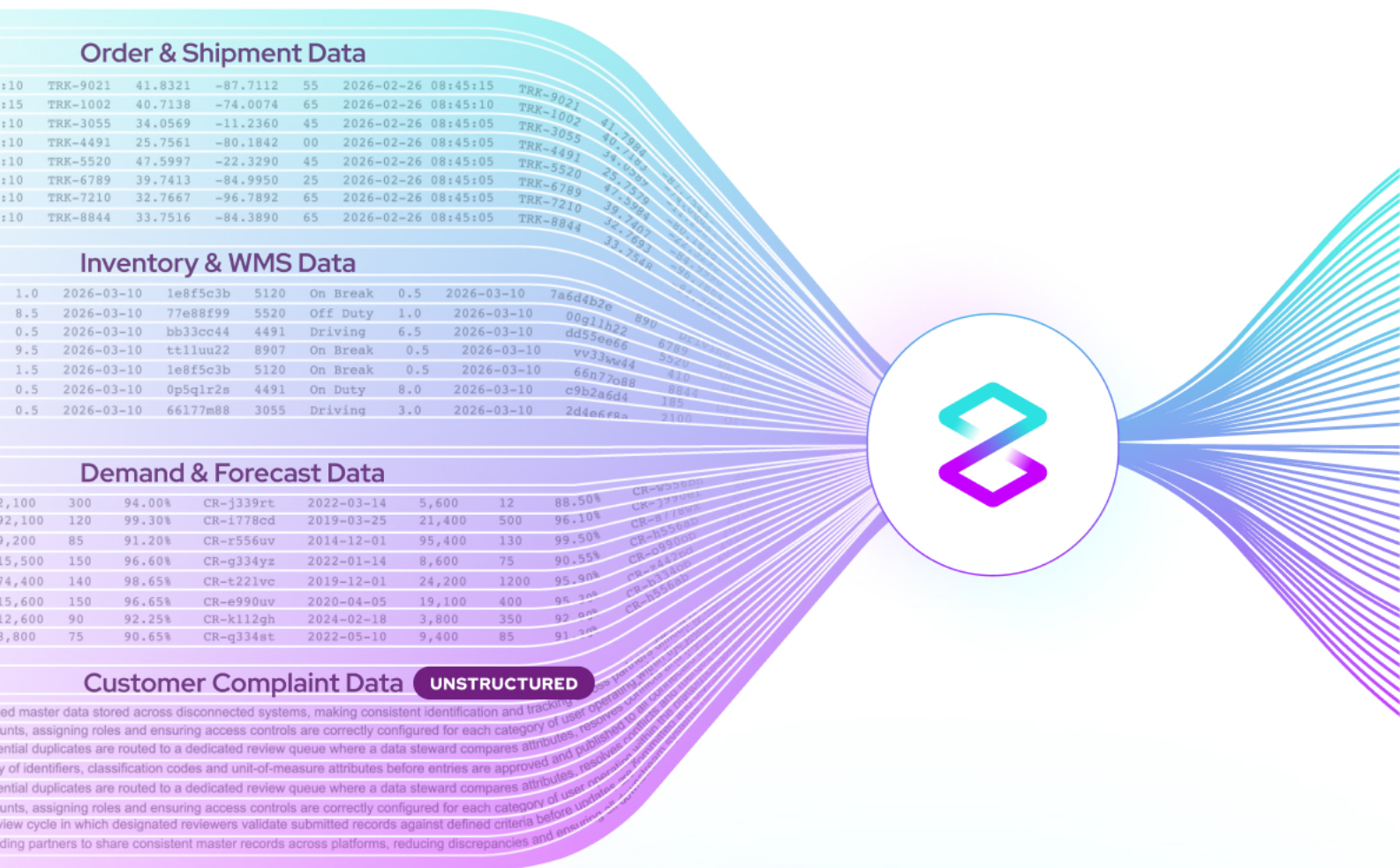
How Beamup Protects Customer Loyalty at Scale

Beamup is a platform of AI agents that protect customer loyalty by fixing the supply chain failures that erode it. Sitting directly on top of your existing planning and execution systems, the platform has one clear job: diagnose and automatically fix why orders fail across your supply chain, tracking every issue to resolution.



Data Collection and Analysis

Beamup continuously ingests and unifies execution signals across your operations and supply chain, pulling data from every node in your network into a single, real-time view. It integrates with the systems you already run - no rip-and-replace - and most enterprises are ingesting live data within days.



Purpose-Built AI Agents for Loyalty Operations

Autonomous AI agents tailored to your workflows and configured to protect your specific operational thresholds, performance targets, and custom loyalty metrics.

Stockout Prevention Agent

Detects upstream stockout signals and automatically repositions inventory before they hit.

20% fewer stockouts on the SKUs customers come back for.

Stores

DCs

In-Transit

Inventory Shrink Agent

Identifies theft, shrink, and execution failures across facilities before they drain the loyalty budget.

Protected revenue, loyalty budget intact

Stores

Warehouses

In-Transit

In-Transit Agent

Detects broken delivery promise patterns and automatically triggers corrective action.

Fewer broken promises, less margin lost to concessions.

In-Transit

Fulfillment Execution Agent

Detects fulfillment execution gaps across every node and automatically drives corrective actions end-to-end.

Seconds vs. hours of resolution time. Loyalty fixes run quietly.

End-to-end Fulfillment

Excess Inventory Agent

Identifies excess inventory buildup and automatically corrects positioning before it blocks fulfillment.

20% less overstock, steadier loyalty signal.

Stores

Suppliers

DCs

Split Shipment Agent

Detects upstream split shipment signals and automatically intervenes before they break delivery promises.

Millions saved annually, fewer broken promises

Planning

Suppliers

Execution

Configure the agent, set confidence thresholds, and define the loyalty signals you protect: NPS, repeat purchase, on-time delivery, dealer fill rate.

Fulfillment Execution Agent

Agent Status

ACTIVE



CONFIDENCE THRESHOLD



Low = more insights, higher noise. High = fewer insights, higher precision.

SUCCESS METRICS

OTIF %

Dock-to-Stock Time

Split Shipment Rate

Define KPIs this agent will optimize for.

Prioritized Insights with Quick Action Execution

A transparent, human-in-the-loop workflow that prioritizes operational fixes by financial value while maintaining absolute enterprise control.

Prioritized Insights with Dollar Impact

Agents surface the highest-priority failures across your network. Every insight comes with an automated dollar value, a loyalty impact score, and confidence metrics so your team always works the highest-value failure classes first.

Context-Rich AI Reasoning

Every insight comes with a full Reasoning Trace. The agent transparently shows its work, validates assumptions step-by-step, and provides a clear explanation of how it arrived at the conclusion to eliminate "black box" risks.

Corrective Action, Closed-Loop

Convert recommendations into tasks. The first operational run is human-validated; after approval, the same fix runs automatically the next time that exact failure mode appears. Complex issues route seamlessly as tasks directly into the tools your team already uses.

Insights

Last 30 days (Dec 29, 2025 – Jan 2, 2026)

ID	Summary
IN-2237771	Avoidable Shrink: High value items not stowed within SLA
IN-2237770	Promise Time Breach: Sortation Center SC32
IN-2237772	Persistent customer-reported weekly SKU sales forecast causing 10% labor overruns
IN-2237789	Kerritech Private Label SKUs experiencing 22% stockouts across regional DCs due to low inventory
IN-2237766	Purchase quantity variance: 30 items identified
IN-2237760	Temperature fluctuations in cold storage causing spoilage rate increase

IN-2237796 Promise Time Breach Trend: Sortation Center SC32

Overview Resolution Activity Owner Status **In Progress**

Insight

After analyzing the actual lead times of customer orders that have been delivered at least one day past the promised delivery date over the last 2 weeks, a pattern has been detected that Sortation Center SC32 is the cause of 85% of the missed promise date deliveries. SC32 has a standard lead time from receipt of the package into the center to exit from the center of 8 hours, but at the time of the breach, the average lead time was 9.5 hours. Delivery Center on the same day as the breach, SC32 has been understaffed.

Reasoning Trace

How the agent arrived at this insight

- Order Management System identified a trend of late delivery date over last 2 weeks**
 - Analysis period: Last 2 weeks (March 2-16, 2026) [View source](#)
 - Total late orders identified: 847 orders delivered 1+ days past promise date at \$15 per order = \$12,705 total value
 - Late orders represent 12.3% of total network deliveries during period
 - Average delay: 1.4 days past promised delivery date
- Reviewed standard lead time SLAs for each process step across the order fulfillment supply chain path**
 - Fulfillment Center pick/pack/ship SLA: 8 hours [View source](#)
 - Middle Mile transit SLA: 4 hours

Actions

- Schedule meeting with Sortation Center Manager to discuss process improvements and staffing plans Autonomously Completed
- Update Master Data for Kerritech Private Label SKUs to increase safety stock levels by 12% in DCs #234, #641 and #211 to improve OTIF % Create task

Results Driven by Automation

Enterprises using Beamup report:

Retail and D2C

+35%

on-shelf availability for the SKUs
customers come back for

20%

less overstock on slow movers that
quietly erode margin

20%

reduction in shrink and concessions
that drain the loyalty budget

Manufacturing

22%

less excess inventory blocking promise-
to-customer reliability

35%

fewer line-stopping stockouts that
break dealer and OEM trust

7%

increase in units per hour without
adding headcount

Customer Loyalty, Protected. **At Scale.**

Purpose-built AI agents for the supply chain failures that erode it.


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Granted Patents

22

Countries deployed

Contact us

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